



MAXWELL INFRASTRUCTURE and MT ARTHUR COAL

Joint Community Consultative Committee

Minutes for the Meeting held on 9 June 2021 at Maxwell Infrastructure

Attendance:

Chairperson

Jennifer Lecky (JL) Maxwell Chairperson

Maxwell Infrastructure

Donna McLaughlin (DM)	Health, Safety, Environment and Community Manager
Alex Newton (AN)	Environment and Approvals Coordinator
Ron Baxter (RB)	Community Representative
Peter Horder (PH)	Community Representative
Mark Bowditch (MB)	Community Representative

Mt Arthur Coal (MAC)

James Nixon (JN)	Environmental Superintendent
Andrew Marsh (AM)	Corporate Affairs
Kim Carlson (KC)	Corporate Affairs

Council Representatives

No representation

Other

Wej Paradise (WP) MAC Chairperson

1. Housekeeping and Safety

Meeting opened at 09:00am. DM provided an overview of the emergency evacuation procedures and housekeeping.

2. Apologies

AM noted that JN was on his way to the meeting and would be arriving late. The following apologies were received: Hannah Farr (MAC HSE Superintendent), Sharon Pope (Muswellbrook Council Representative) and Robert Halloran. Ron Baxter advised that he would be stepping down from the CCC for personal reasons.

3. Declaration of Pecuniary Interests

None.

4. Acceptance of Previous Meetings Minutes:

Minutes were accepted by all in attendance as a true and accurate record. This was seconded by WP.

5. Actions from Previous Meeting

The following actions were from the December 2020 meeting:

- ACTION 1: JN to provide information on train loading process for the MAC rail loop, areas of dual tracks and train movements.
- ACTION 2: JN to define the location of the ‘arc of influence area’ of monitoring and reporting. This was explained by JN during the meeting of 9 June 2021 to be the directions from which dust at the TEOM are deemed to be from MAC.
- ACTION 3: JN to organise a noise informational session on how noise is recorded, and the meaning of results.

It was noted that all the actions were for JN who had not arrived yet. It was decided to hold off on discussing the actions until JN arrived.

6. Rail Movements

Rail Movements

November 2020 to April 2021

	Total coal tonnes	Maximum train movements per day
Maxwell Infrastructure Annual Limits	7 Mtpa	12
Mt Arthur Coal Annual Limits	27 Mtpa	30
Maxwell Infrastructure Actual	0.0 Mt	2
Mt Arthur Coal Actual	6.45 Mt	Max: 10 Average: 4.12

Source: Malabar JCCC June 2021 Presentation - Slide Reference #3

AN presented on Maxwell Infrastructure’s rail movements. It was noted that Maxwell Infrastructure do not have approval to mine coal and therefore no tonnes were reported. DM noted that Maxwell leases their rail loop to Aurizon for stowage of empty trains.

AM presented on MAC’s rail movements. AM noted that MAC’s coal railed during the reporting period was 6.45million tonnes. It was noted that MAC’s maximum daily movement of trains was 10 with an average of 4.12.

PH referred to the action from the December 2020 meeting which requested clarification on the rail loop and train waiting areas. JN committed to seek further clarification.

7. Complaints

Complaints

Maxwell Infrastructure and Mt Arthur Coal

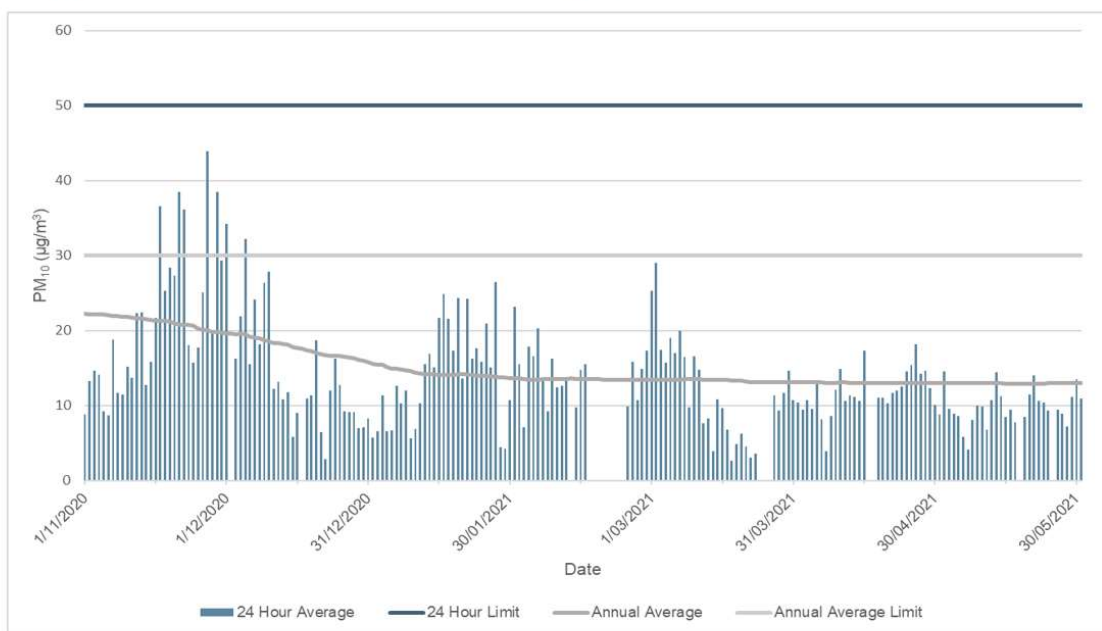
- No rail-related complaints were received by Maxwell Infrastructure for the period.
- No rail-related complaints were received by Mt Arthur Coal for the period.

Source: Malabar JCCC June 2021 Presentation - Slide Reference #4

AN advised that no complaints were registered for either Maxwell Infrastructure or MAC for this reporting period (November–April 2021).

8. Environmental Performance

PM₁₀ Real Time Monitoring (Maxwell Infrastructure)

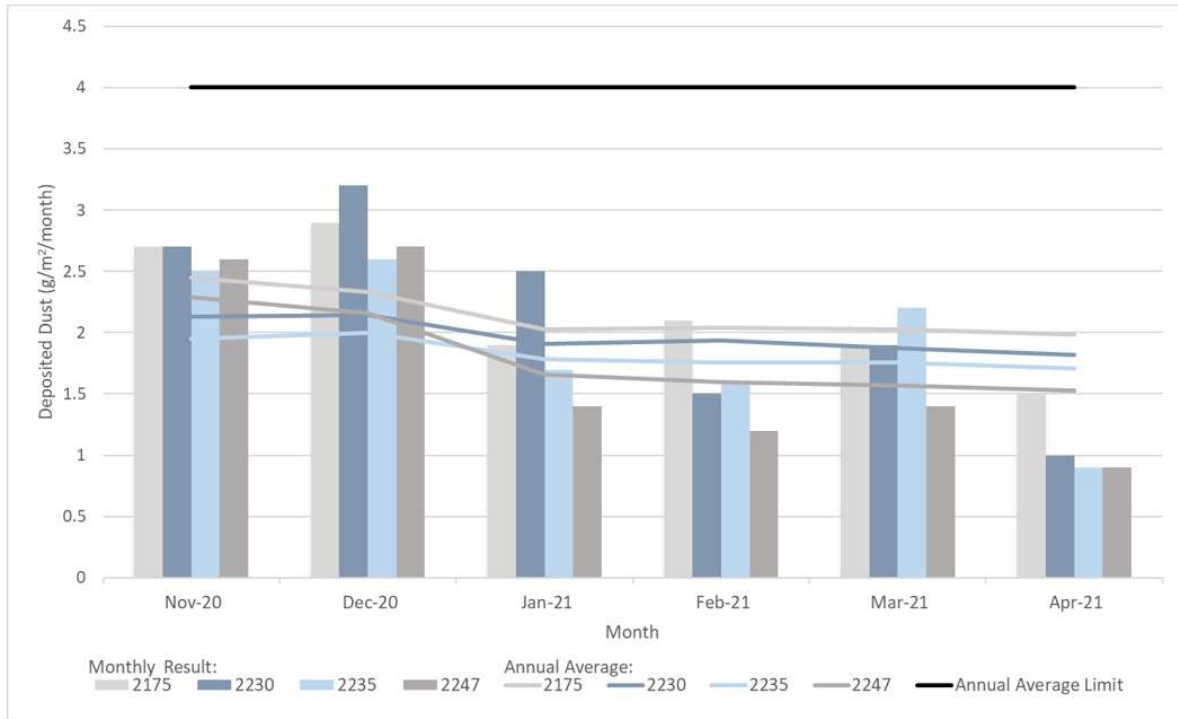


Source: Malabar JCCC December 2020 Presentation - Slide Reference #6

AN discussed PM₁₀ monitoring levels for the reporting period. AN noted that the 24-hour and annual average results were all significantly below the criteria. AN explained that the 7-day period of missing data from 16–23 February was due to the relocation of the TEOM located near Denman for the Spur Hill project being swapped with the TEOM at Maxwell Infrastructure. This has the benefit of enabling PM_{2.5} to be monitored in addition to PM₁₀ at the Maxwell Infrastructure site, as required by the Development Consent for the Maxwell Underground

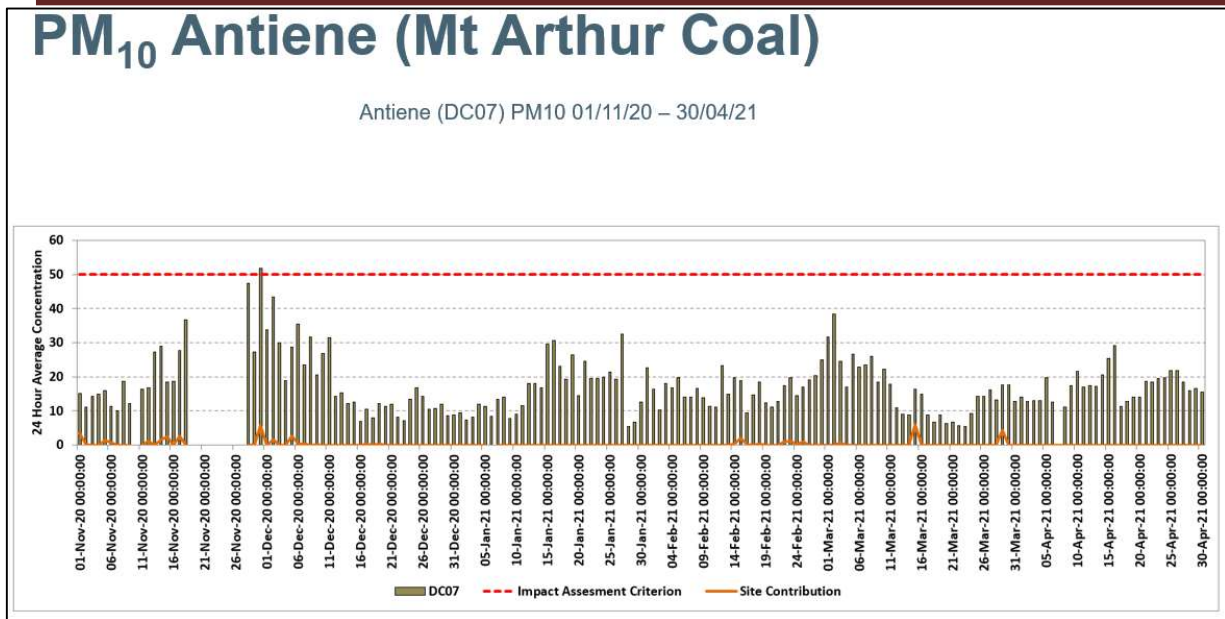
Project. Remaining data gaps were explained as being due to site and area-wide power outages and a scheduled calibration visit by the monitoring contractor.

Deposited Dust (Maxwell Infrastructure)



Source: Malabar JCCC June 2021 Presentation - Slide Reference #7

AN noted that all deposition dust gauge results were significantly below the relevant criteria and the concentrations had reduced since November and December. This is deemed likely due to the high level of rain in quarter 1 of 2021.



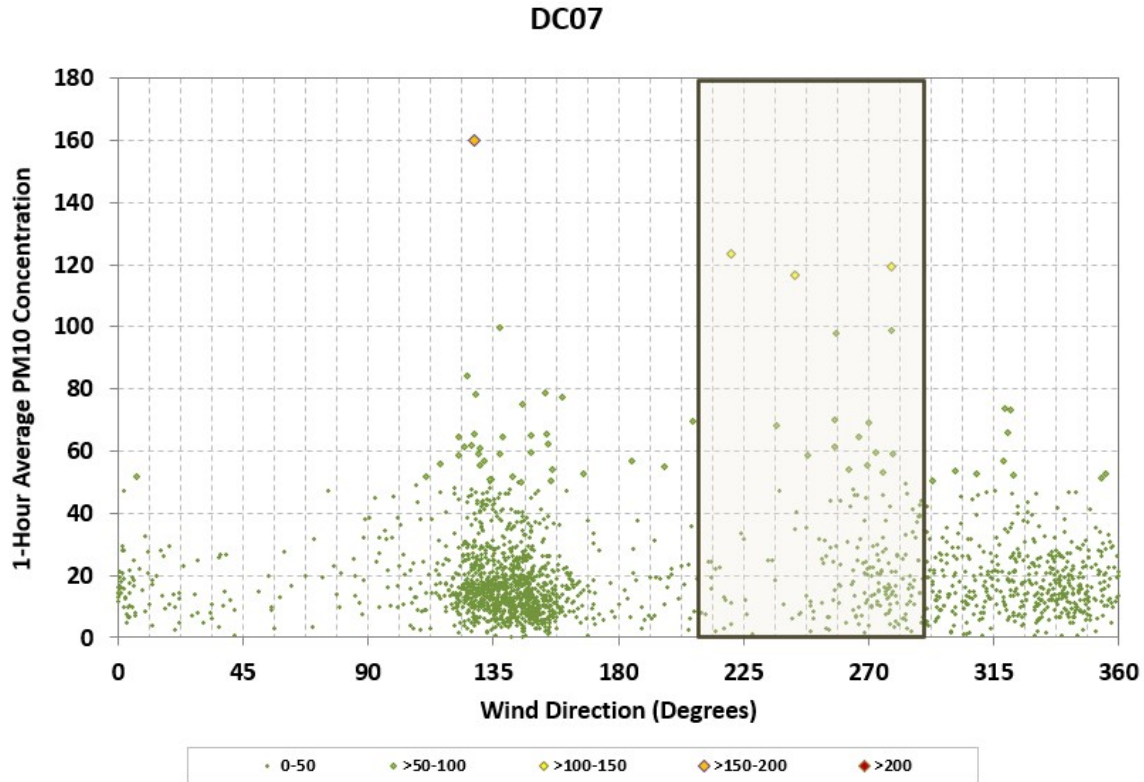
Source: Malabar JCCC June 2021 Presentation - Slide Reference #8

JN discussed the PM₁₀ monitoring results and noted that Mt Arthur Coal had one exceedance of the impact assessment criteria during the reporting period (at DC07 on the 29th November 2020). Following investigation it was determined by MAC that there was minimal contribution from their operations and the exceedance was closed out by the Department of Planning, Industry and Environment. JN noted that the investigation included a review of operations.

JN advised that data loss was as follows:

- 11th November – due to calibrations
- 18th – 26th November – due to technical issues with the online system
- 7th April – there was <75% data capture due to invalid data.

JN advised that the usual scatterplot that provides MAC’s PM₁₀ results in relation to wind direction was unable to be provided in time for the meeting and that the graph would be provided with these draft minutes. JN committed to provide directional PM₁₀ scatterplot with the draft minutes (**NEW ACTION**). JN provided scatterplot graph on 14 July, minutes amended and recirculated.



Note: Deposited dust previously presented sites DD04 and DD03 are no longer monitoring sites under the MAC Air Quality Management Plan, these sites have therefore been removed from the CCC Agenda. It was raised that the MAC deposited dust results were absent from the presentation. JN advised that the figure would be provided with the draft minutes (**NEW ACTION**).

Attended Noise Monitoring (Maxwell Infrastructure)

Location	Date	L _{Aeq} (15 min)						L _{A1} (1 min)	
		Day Criteria	Noise Level	Evening Criteria	Noise Level	Night Criteria	Noise Level	Night Criteria	Noise Level
R16 - Doherty	30/03/2021	35	<20	35	<20	38	<20	47	<20
R61 - Skinner	30/03/2021	39	<20	40	<20	39	<20	45	<20
R72 - Robertson	30/03/2021	35	<20	35	<20	35	<20	47	<20
R75 - Sharman	30/03/2021	35	<20	35	<20	35	<20	47	<20
R76 - Horder	30/03/2021	35	<20	35	<20	35	<20	47	<20

Source: Malabar JCCC June 2021 Presentation - Slide Reference #10

AN advised that noise monitoring was undertaken on 30 March and that all recorded levels were less than 20dB (which is considered inaudible). DM noted that this was expected as there were no current operations occurring at Maxwell Infrastructure.

Periodic noise monitoring results L_{Aeq} (15min)		Periodic noise monitoring results L_{A1} (1min)	
L_{Aeq} (15min)	NP04	L_{A1} (1min)	NP04
Representative residential assessment zone	A	Representative residential assessment zone	A
Noise impact assessment criteria (intrusive criteria) (L_{Aeq} (15min))	38	Noise impact assessment criteria (L_{A1} (1min))	45
Land acquisition criteria (L_{Aeq} (15min))	43		
Predicted noise level for 2016/17 for each monitoring location	38		
19/11/2020 23:07	<25	19/11/2020 23:07	<25
17/12/2020 23:17	IA	17/12/2020 23:17	IA
18/01/2021 23:54	33	18/01/2021 23:54	37
04/02/2021 23:17	IA	04/02/2021 23:17	IA
04/03/2021 23:03	32	04/03/2021 23:03	35
12/04/2021 23:27	IA	12/04/2021 23:27	IA
IA = Inaudible. NM = audible but not measureable.		IA = Inaudible. NM = audible but not measureable.	

Source: Malabar JCCC June 2021 Presentation - Slide Reference #11

JN presented the results of MAC’s noise monitoring and advised that no exceedances of the impact assessment criteria occurred.

Review of Previous Actions

The actions from the meeting of December 2020 were reviewed.

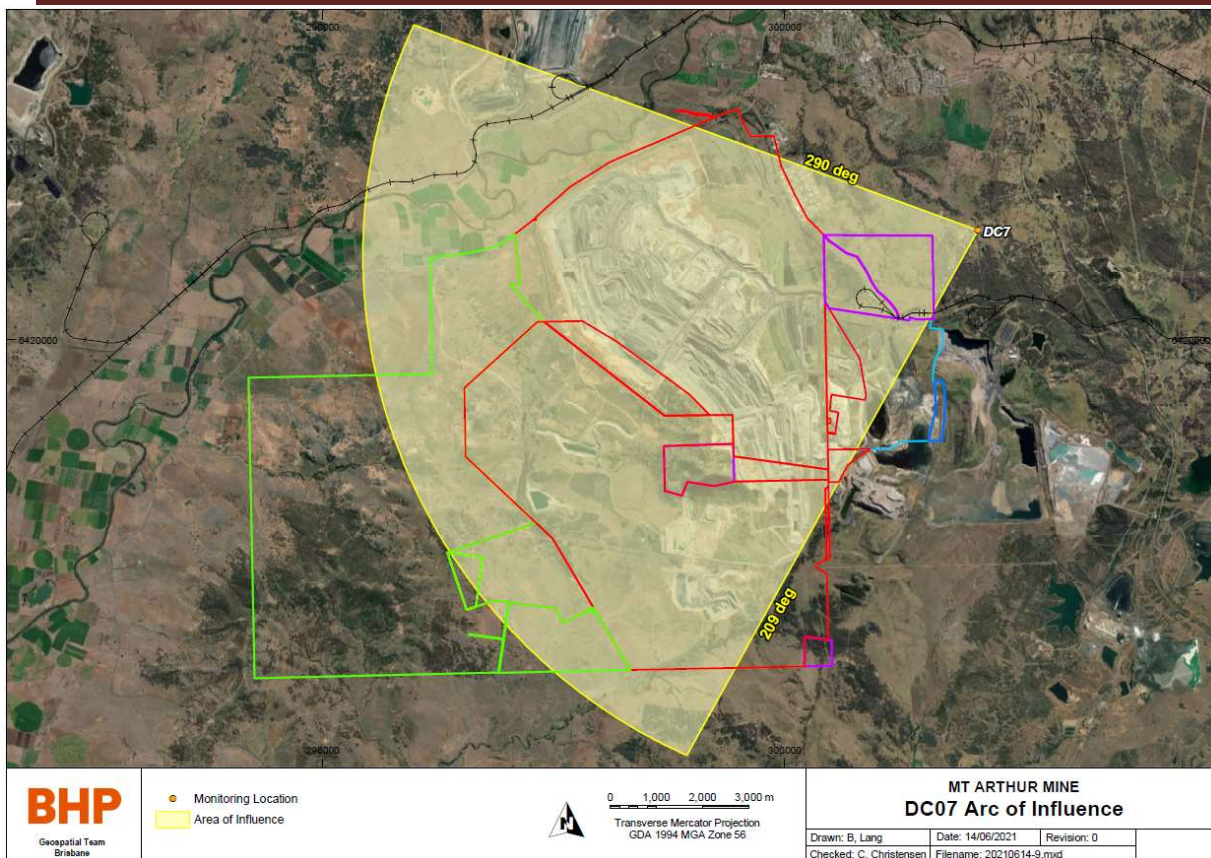
ACTION 1: JN to provide information on train loading process for the MAC rail loop, areas of dual tracks and train movements.

JN explained where the MAC rail loop went. JN noted that MAC would provide further detail of the area of dual tracks as this was unable to be defined in the meeting.

ACTION 2: JN to define the location of the ‘arc of influence area’ of monitoring and reporting.

This was explained by JN to be the directions from which dust at the TEOM are deemed to be from MAC. It was further requested that the Environmental Monitoring figure included as Slide 5 be updated to include the dust arc of influence, for both MAC and Maxwell Infrastructure. JN and DM agreed to this (NEW ACTION).

JN provided a copy of this via email following the meeting.



AN provided a plan with both DC7 and Maxwell CHP TEOM arc of influence following the meeting. Plan to be circulated with meeting minutes.

ACTION 3: JN to organise a noise informational session on how noise is recorded, and the meaning of results.

Not discussed. JN to provide update at the next meeting.

7. General Business

PH mentioned that there appears to be more coal dust on his roof and gutters, corresponding to with westerly winds. PH questioned if MAC sprays their coal stockpiles and if so, were the sprays manual or automatic. JN confirmed that MAC utilise automatic spraying of coal stockpiles which are triggered by wind speed thresholds.

WP enquired about the publication of the JCCC minutes if they were available on both MAC and Malabar websites. DM confirmed that the minutes are published on the Malabar website that a link would be provided in the draft minutes.

See as follows:

<https://malabarresources.com.au/community-consultative-committee-maxwell-and-mt-arthur>

MAC is not required to publish the Joint CCC minutes as the Joint CCC is a requirement under the Antiene Rail Spur Consent which is held by Malabar.

8. Next Meeting

It was agreed that the next meeting will be held on Wednesday, December 9th, 2021 at 9am at Maxwell Infrastructure.

9. Meeting Closed

Meeting closed at 10:45am.

ACTIONS ARISING FROM THIS MEETING

ACTION 1: JN and AN to update the Environmental Monitoring figure to show the dust arc of influence for both MAC and Maxwell Infrastructure. JN and Maxwell Infrastructure have completed this action.

ACTION 2: JN to provide scatterplot directional PM₁₀ figure with the draft minutes. JN completed this action.

ACTION 3: JN to provide the figure showing deposited dust results with the draft minutes. This Action is confirmed not to be relevant as no longer required in consent.

ACTIONS OUTSTANDING FROM MEETING OF DECEMBER 2020

ACTION 1: *JN to provide information on train loading process for the MAC rail loop, areas of dual tracks and train movements.*

ACTION 3: *JN to organise a noise informational session on how noise is recorded, and the meaning of results.*