



MAXWELL INFRASTRUCTURE and MT ARTHUR COAL

Joint Community Consultative Committee

Minutes for the Meeting held on 8 December 2020 at Maxwell Infrastructure

Attendance:

Chairperson

Wej Paradise (WP) Independent Chair

Maxwell Infrastructure

Donna McLaughlin (DM) Health, Safety, Environment and Community Manager
Teresa Coleman (TC) Environment and Community Coordinator
Jennifer Lecky (JL) Maxwell and MAC Community Representative (Co-chair)
Peter Horder (PH) Community Representative

Mt Arthur Coal

James Nixon (JN) Environmental Specialist
Andrew Marsh (AM) Corporate Affairs
John Bancroft (JB) Community Representative

Council Representatives

No representation

1. Housekeeping and Safety:

Meeting opened at 10:23am.

DM provided an overview of the emergency evacuation procedures, site COVID 19 screening process and the location of amenities.

2. Welcome by Chairperson:

WP initiated introductions and introduced himself as the chair of the Mt Arthur Coal (MAC) Community Consultative Committee (CCC) and co-chair for the Joint CCC (JCCC). WP noted that TC would be preparing the minutes of the meeting. It was noted that JL was on her way to the meeting and would be arriving late.

The following apologies were received: Tony Lonergan (Community Representative), Rob Hayes (Malabar Resources Infrastructure Manager), Ron Baxter (Community Representative), Robert Halloran (Community Representative), Sharon Pope (Muswellbrook Council Representative), Mark Bowditch (Muswellbrook Council Representative), Damien Perkins (Community Representative) and Leah Scheepers (Specialist Community).

3. Declaration of Pecuniary Interests:

WP announced his ongoing pecuniary interest as a paid chair. No other pecuniary interests declared.

4. Acceptance of Previous Meetings Minutes:

WP noted that the previous meeting in June was not held due to the COVID-19 restrictions however the presentation was sent out to all JCCC members. WP noted that there had been no feedback on the presentation and moved that the presentation be accepted as the previous minutes. JL noted that she had no further comments on the presentation, minutes were accepted by all in attendance as a true and accurate record.

DM noted that the minutes of the meeting in December 2019 had not yet been accepted as the June 2020 meeting was not held. WP stated that the December 2019 meeting minutes were appended to the June presentation. WP moved that the December 2019 meetings minutes be accepted. Minutes were accepted by all in attendance as a true and accurate record.

5. Actions from Previous Meeting:

It was noted that there were no actions from June 2020 meeting,

The following actions were from the December 2019 meeting and require follow up:

- ACTION 1: JN to provide missing second period PM₁₀ reporting data to the JCCC.
(BHP to insert update)

- ACTION 2: JN to provide noise monitoring data results for November.
(BHP to insert update)

- ACTION 3: RH to circulate the DPIE CCC guidelines to inform JCCC members of the Departments expectations regarding the operation of the CCC.
(TC DPIE CCC guidelines to be distributed with December 2020 meeting minutes)

6. Environmental Performance:

Rail Movements
May 2020 to October 2020

	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	7.47 Mt	Max: 20 Average: 9.46

Source: Malabar JCCC December 2020 Presentation - Slide Reference #3

DM 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 Infrastructure have an agreement with Aurizon to lease the rail loop for the stowage of empty trains.

JN presented on MAC’s rail movements. JN noted that MAC’s coal railed during the reporting period was 7.47 million tonnes. It was noted that MAC’s maximum daily movement of trains was 20 with an average of 9.46.

PH requested clarification on the rail loop and train waiting areas. PH noted that he had received a phone call from MAC previously that MAC trains are now waiting on the MAC rail loop near the mine, rather than along the rail corridor. JN illustrated on slide five the MAC rail loop and potential waiting area.

JB enquired whether there was enough room for the loop to take more than one train. JN described that there were two tracks leading to the rail loop and that trains could wait along the overpass area. WP noted that this had been discussed previously with the Mayor at a previous CCC meeting which concluded that there was a need to define whose trains belonged to whom. DM noted that this could be determined through schedules.

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

Complaints

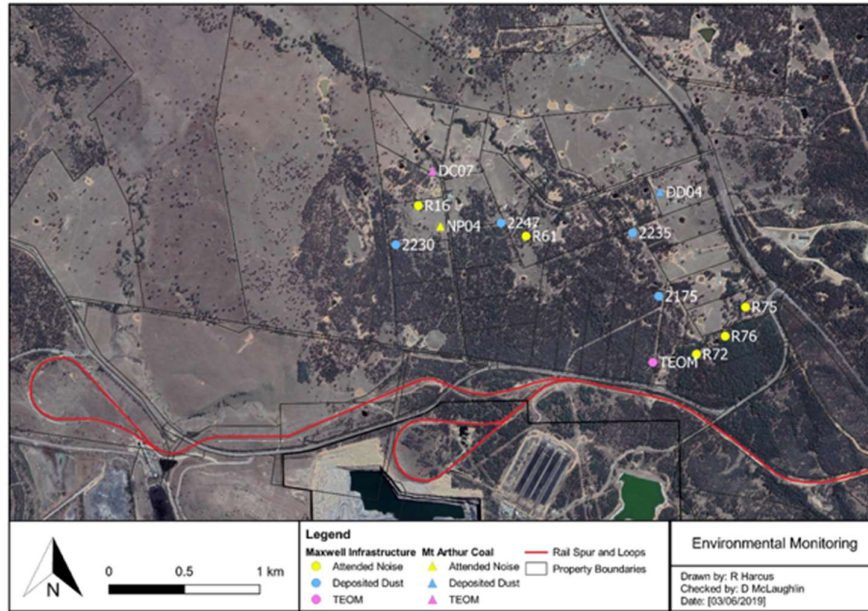
Maxwell Infrastructure and Mt Arthur Coal

- 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 December 2020 Presentation - Slide Reference #4

No complaints were registered for either Maxwell Infrastructure or Mt Arthur Coal for this reporting period (May – Oct).

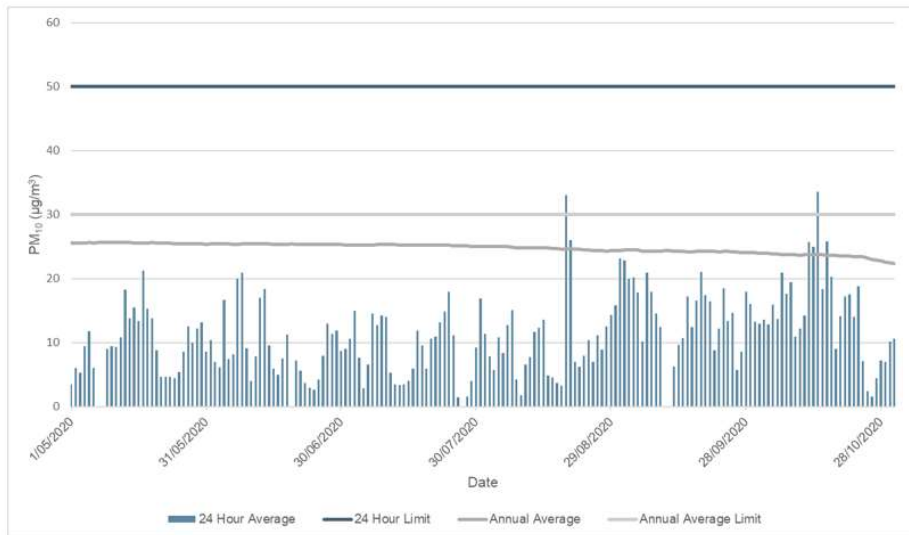
Location of Monitoring Sites



Source: Malabar JCCC December 2020 Presentation - Slide Reference #5

DM briefly introduced the image of monitor locations in relation to the rail corridor.

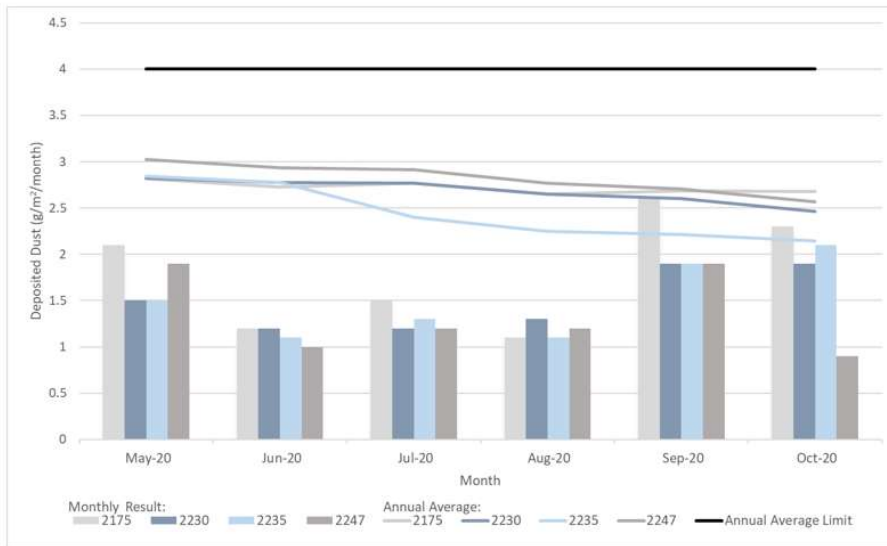
PM₁₀ Real Time Monitoring (Maxwell Infrastructure)



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

DM discussed PM₁₀ monitoring levels for the reporting period. DM noted that the 24-hour average results were all below the criteria of 50 ug/m³. It was also noted that the annual rolling average was also below the criteria of 30ug/m³. JB enquired about the two days exceeding 30ug/m³. DM noted that the criteria for these readings was the 50 ug/m³ and as such these were not exceedances. DM noted that any exceedances are reported to Department of Planning, Infrastructure and Environment and investigated.

Deposited Dust (Maxwell Infrastructure)

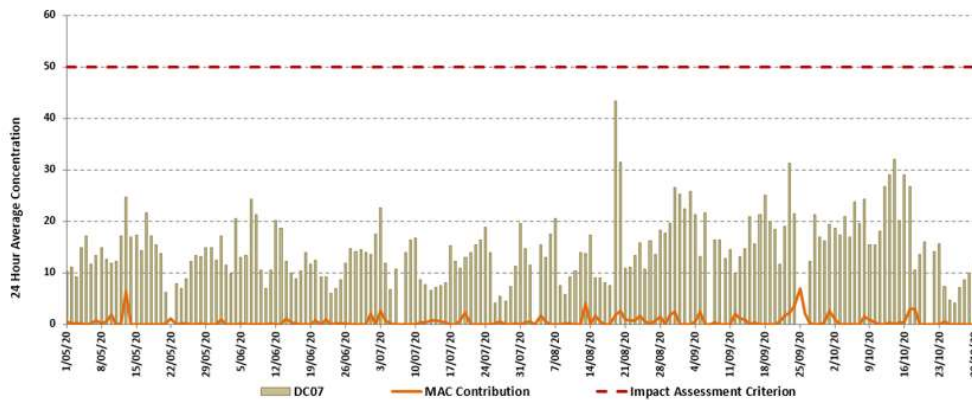


Source: Malabar JCCC December 2020 Presentation - Slide Reference #7

DM noted that all deposition dust gauges were below the relevant criteria. WP enquired regarding the location of the deposition dust gauges. DM noted that the locations were within the Antiene rural residential area and are considered representative of the area surrounding the jointly shared rail corridor.

PM₁₀ Antiene (Mt Arthur Coal)

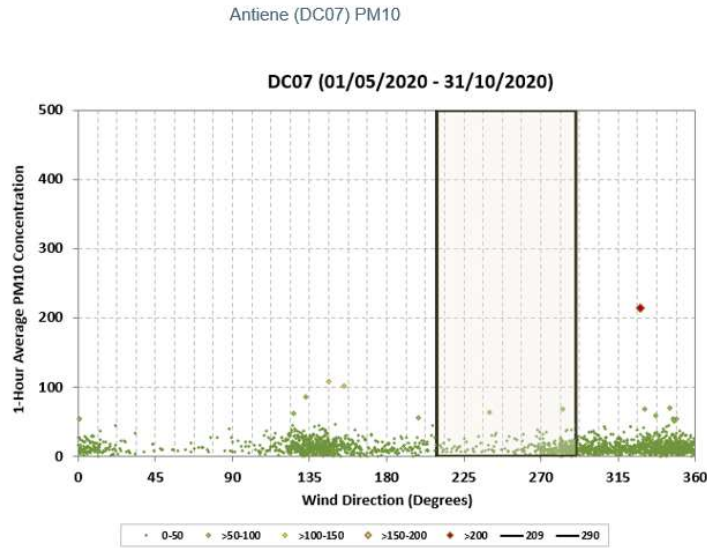
Antiene (DC07) PM10 01/05/20 – 31/10/20



Mt Arthur Coal had no exceedances of the impact assessment criteria during the reporting period at DC07

Source: Malabar JCCC December 2020 Presentation - Slide Reference #8

PM₁₀ Antiene (Mt Arthur Coal)



Source: Malabar JCCC December 2020 Presentation - Slide Reference #9

JN discussed MAC’s PM₁₀ results, noting no exceedances had occurred during the reporting period. JN noted that the wind direction graph illustrated a window of influence of when dust was coming from MAC. WP asked if these results covered the joint rail area or the full operations. JN explained that the results were not customised to the rail loop area. WP indicated that the arc of influence should be related to the joint rail loading area. JN agreed to review the arc of influence for the purposes of the JCCC meeting.

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

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	22/09/2020	35	<20	35	<20	38	<20	47	<20
R61 - Skinner	22/09/2020	39	<20	40	<20	39	<20	45	<20
R72 - Robertson	22/09/2020	35	<20	35	<20	35	<20	47	<20
R75 - Sharman	22/09/2020	35	<20	35	<20	35	<20	47	<20
R76 - Horder	22/09/2020	35	<20	35	<20	35	<20	47	<20

Source: Malabar JCCC December 2020 Presentation - Slide Reference #10

DM noted that noise monitoring undertaken in September was less than 20dB (inaudible). DM noted that this was expected as there were no night-time operations at Maxwell Infrastructure.

Attended Noise Monitoring NP4 (Mt Arthur Coal)

Periodic noise monitoring results L_{Aeq} (15min)

L_{Aeq} (15min)	NP04
Representative residential assessment zone	A
Noise impact assessment criteria (intrusive criteria) (L_{Aeq} (15min))	38
Land acquisition criteria (L_{Aeq} (15min))	43
Predicted noise level for 2016/17 for each monitoring location	38
19/05/2020 23:11	<25
09/06/2020 23:28	<25
21/07/2020 01:39	38
10/08/2020 23:20	34
16/09/2020 23:02	<30
07/10/2020 23:02	<20
IA = Inaudible. NM = audible but not measureable.	

Periodic noise monitoring results L_{A1} (1min)

L_{A1} (1min)	NP04
Representative residential assessment zone	A
Noise impact assessment criteria (L_{A1} (1min))	45
19/05/2020 23:11	30
09/06/2020 23:28	<25
21/07/2020 01:39	46
10/08/2020 23:20	36
16/09/2020 23:02	35
07/10/2020 23:02	<25
IA = Inaudible. NM = audible but not measureable.	

An exceedance occurred on the 21/07/2020 00:27 of the L_{Aeq} criteria by 1 dB, resulting in a total of 39 dB. The OCEs were notified and changes to operations were made. During the remeasure at 01:39 NP4 failed the L_{A1} criteria by 1 dB, delivering a total of 46 dB. The total L_{Aeq} was 38 dB and complied with criteria. An investigation was undertaken and it was determined that at the time of the measurement an F class inversion was present, meaning no notifiable exceedance occurred. HVEC continues to minimise noise impacts during meteorological conditions when noise limits do not apply in accordance with the Project Approval.

NA in exceedance column means atmospheric conditions outside those specified in project approval and so criterion is not applicable.

IA - Inaudible. When site-only noise is noted as IA, there was no noise from the source of interest audible at the monitoring location.

Source: Malabar JCCC December 2020 Presentation - Slide Reference #11

JN discussed MAC's noise monitoring noting an exceedance was recorded on the 21/07/20 at NP04. JN noted that the OCE was notified of the noise levels exceeding criteria and operational changes were made. JB asked what the source of the noise was. JN noted that he would need to confirm the source however a re-measure was conducted with a result of 46dB being recorded. Further investigations indicated that an F-class inversion (temperature differentials in the atmosphere) was in place at the time of monitoring. WP asked how this noise level relates to the community (i.e., is that result enough to wake someone up in the middle of the night). There was discussion amongst the group in relation to noise monitoring results and testing, indicating that noise monitoring was complex.

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

7. General Business:

PH mentioned that there appears to be more coal dust on his roof and gutters, particularly with a strong north westerly wind bringing dust off MAC stockpiles. PH questioned if MAC sprays their coal stockpiles and if so, were the sprays manual or automatic. JN confirmed that MAC utilise manual spraying of coal stockpiles. PH discussed the house roof spraying occurs twice a week, mainly dust and leaf matter from large gum trees surrounding the house. This is to ensure the house drinking water tank was clean.

WP enquired about the publication of the JCCC minutes if they were available on both MAC and Malabar websites. DM and JN mentioned that the minutes are published on the Malabar and MAC websites.

DM provided an update on status of the Maxwell Underground Project noting that a 2-day Independent Planning Commission public hearing was held in early November. Malabar are hoping for a determination on the project prior to Christmas. WP asked if an EIS was on display. DM mentioned that the EIS was on public display last year. JB questioned whether the overland conveyor be covered. DM replied yes it will be. WP asked what the capacity of the mine was and timeframes. DM stated that the mine would produce up to 8Mt over a

26 year period. WP questioned how many jobs the project would create. DM responded with 250 during the construction phase and 350 in operations.

PH questioned whether MAC were offering new rosters. AM noted that negotiations had taken place to align the supervisors roster with the workforce for productivity wins however it was voted down by the union. JB asked if this included a potential 6 week shutdown. AM noted that this was discussed however keeping the mine running was the best option.

8. Next Meeting:

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

9. Meeting Closed:

Meeting closed at 11:12am.

ACTIONS ARISING FROM THIS MEETING

ACTION 1: JN to provide information on train loading process on 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.

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