



**MAXWELL INFRASTRUCTURE & MT ARTHUR COAL**

**Joint Community Consultative Committee**

**Minutes for the Meeting held 11 December 2019 at Maxwell Infrastructure**

**Attendance**

**Chairperson**

Wej Paradise (WP) Independent Chair MAC CCC & JCCC

**Maxwell Infrastructure**

Rebecca Harcus (RH) Environmental Coordinator  
Jennifer Lecky (JL) Maxwell and MAC Community Representative (Co-chair)  
Peter Horder (PH) Community Representative  
Garret de Bore (GB) Community Representative  
Ron Baxter (RB) Community Representative

**Mt Arthur Coal**

James Nixon (JN) Environmental Specialist  
Leah Scheepers (LS) Specialist Community  
Damien Perkins (DP) Manager Mine Scheduling  
John Bancroft (JB) Community Representative

**Council Representatives**

Carolyn O’Brien (CO) Manager of Community Services – Muswellbrook Council  
Mark Bowditch (MB) Muswellbrook Council Representative

**1. Housekeeping and Safety:**

Meeting opened at 10:03am  
RH provided an overview of the evacuation procedures and the location of amenities.  
No safety concerns noted.

**2. Welcome by Chairperson:**

WP initiated introductions and introduced himself as the new chair of the MAC CCC and the MAC representative co-chair for the JCCC.  
Introductions passed around the table, introducing names and positions (as listed above).

Apologies: Tony Lonergan (Community Representative), Donna McLaughlin (Manager of Environment and Community - Maxwell), Rob Hayes (Malabar Coal Operations Manager).

**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:**

JL moved that the previous meetings minutes be accepted. Minutes accepted by all in attendance as a true and accurate record.

**5. Actions from Previous Meeting:**

No actions from previous meeting needed addressing.

**6. Environmental Performance:**

## Rail Movements

May to October 2019

	Total 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	1
Mt Arthur Coal Actual	7.66 Mt	Max:20 Average: 9.85

Source: Malabar JCCC December 2019 Presentation - Slide Reference #3

RH presented on Maxwell’s rail movements. Maxwell haven’t been moving any tonnes, however they occasionally stow trains. Because of this, they have train movement to report, with a maximum of 1 a day within the last 6 months.

DP presented on MAC’s rail movements. The Mt Arthur limits sit at 27Mtpa, and have been moving 7.66Mt, which DP stated is quite light. Maximum movement of trains sits at 20, with an average of 9.85.

## Complaints

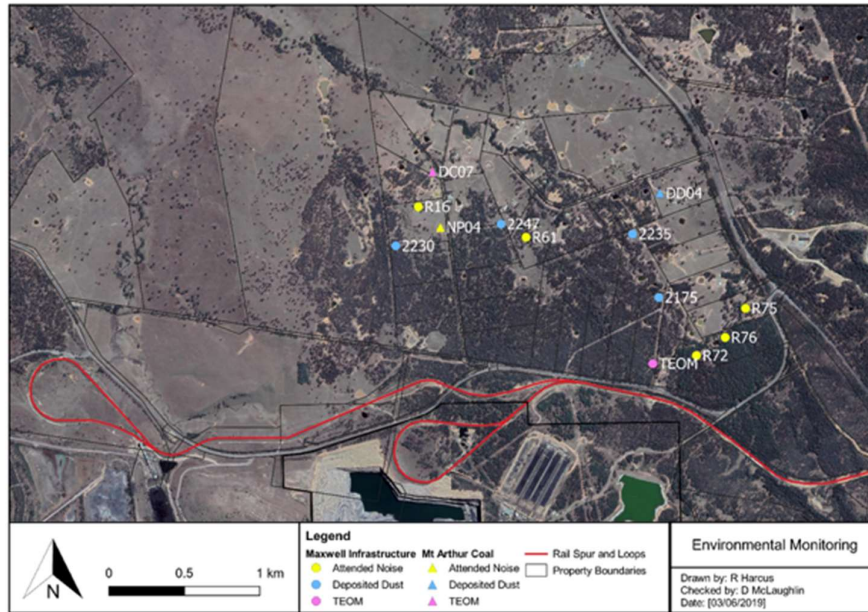
### Maxwell Infrastructure and Mt Arthur Coal

- 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 2019 Presentation - Slide Reference #4

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

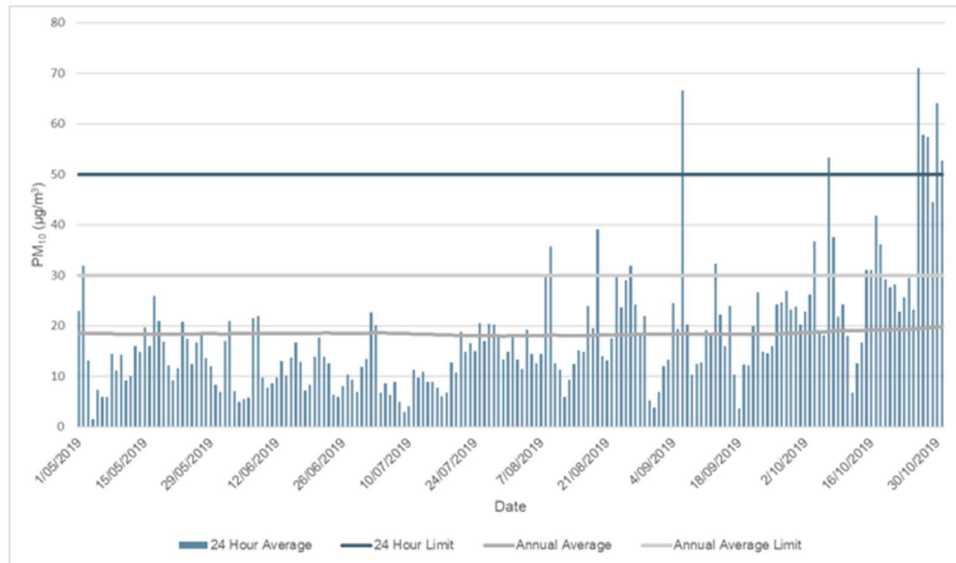
## Location of Monitoring Sites



Source: Malabar JCCC December 2019 Presentation - Slide Reference #5

RH briefly introduced the image of monitor locations and that it could be referred to later if needed.

## PM<sub>10</sub> Real Time Monitoring (Maxwell Infrastructure)



Source: Malabar JCCC December 2019 Presentation - Slide Reference #6

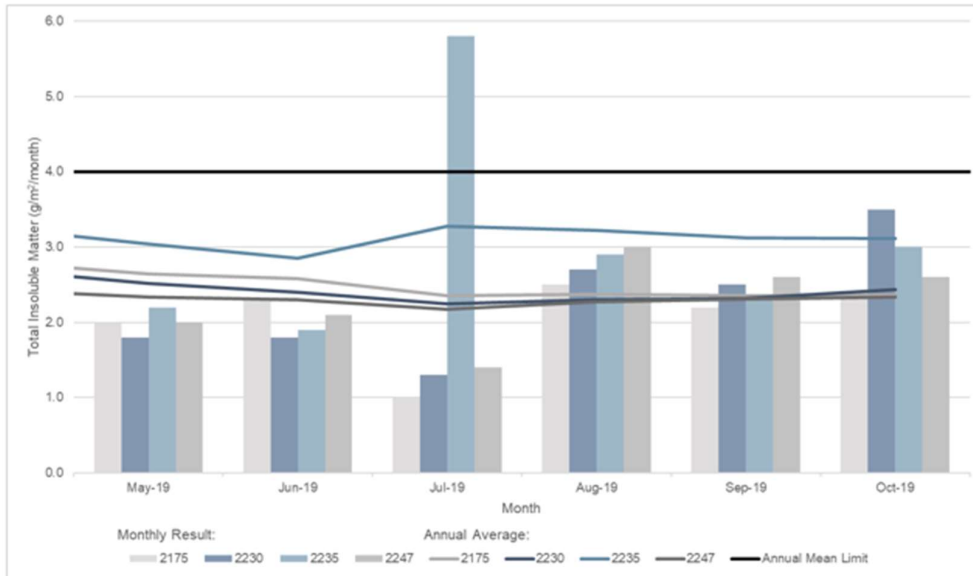
RH moved on to discuss PM<sub>10</sub> monitoring levels from May to October. Monitored levels generally fell below the criteria. Elevated PM<sub>10</sub> levels were noted as an extraordinary event by the Department of Planning, Industry and Environment, due to a large dust storm on the 6<sup>th</sup> September. An investigation summary is available and it was noted that the event would be appearing in the 2019 Spring Upper Hunter Air Quality Monitoring Network Report which is yet to be released. JB asked which monitor this was received by and RH clarified that it was monitor DC07.

A second elevated result on the 7<sup>th</sup> of October, which correlated with a regional elevated level. The Upper Hunter Air Quality Monitoring Network - Muswellbrook Unit, registered 63.3ug/m<sup>3</sup>. Further elevated levels were registered 26<sup>th</sup>-

31<sup>st</sup> October due to bush fire smoke influencing the high readings. RH mentioned that these details can be provided if anyone would like to read through them.

WP enquired if there is a difficulty distinguishing between dust and smoke levels on the monitors and RH, JN and MB answered that 2.5 will go up and that the last 6 weeks have been high with the 2.5's. DP mentioned that the readings can be viewed online. JN added that text message alerts can be set up.

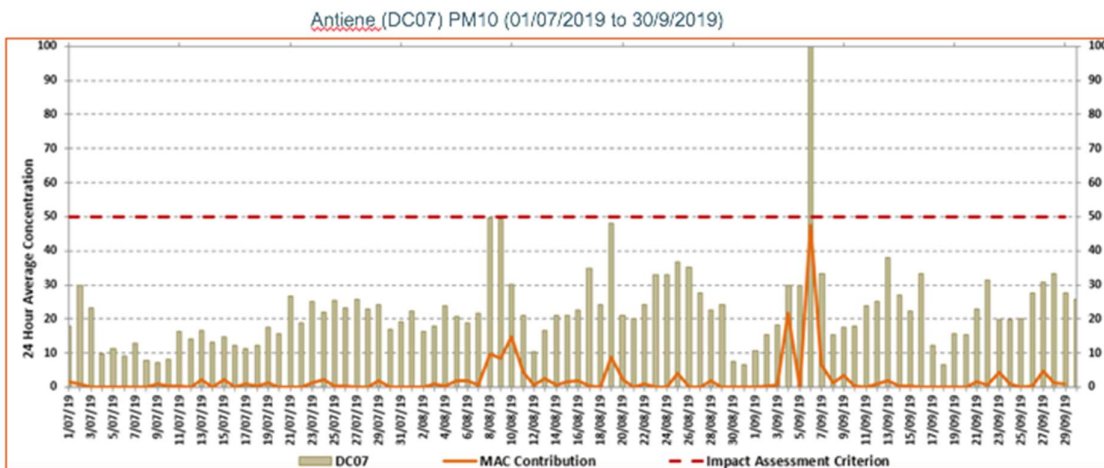
## Deposited Dust (Maxwell Infrastructure)



Source: Malabar JCCC December 2019 Presentation - Slide Reference #7

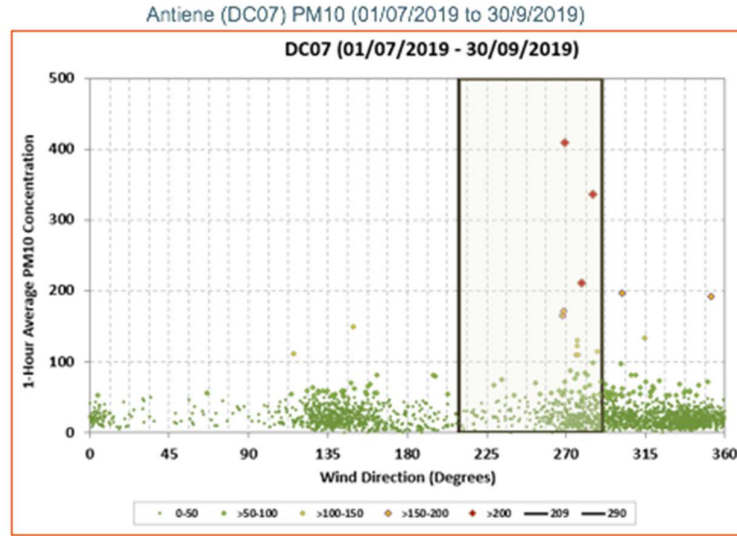
RH moved on to discuss deposited dust levels, pointing out a spike in July for total insoluble matter. The spike was the result of plant matter and bird droppings entering the monitor. RH also pointed out that the majority are under the criteria, which is an annual mean limit. RH also explained that the value for ash content is separated from mineral content in the results.

## PM<sub>10</sub> Antiene (Mt Arthur Coal)



Source: Malabar JCCC December 2019 Presentation - Slide Reference #8

# PM<sub>10</sub> Antiene (Mt Arthur Coal)



Source: Malabar JCCC December 2019 Presentation - Slide Reference #9

JN discussed MAC’s PM10 results, noting that they also reported a spike in September. JN discussed that the contribution was calculated as just below the 50 limit, and as such would have been investigated, and a report provided to the department. JN noted that there should have been a disclaimer on this slide regarding the missing graph for the second period of the six months. This was due to the employee responsible for this data being absent. JN discussed that the second graph represented the same data in the previous graph.

**ACTION 1: JN to provide missing second period PM10 reporting data to the JCCC.**

## Attended Noise Monitoring (Maxwell Infrastructure)

Location	Date	L <sub>Aeq</sub> (15 min)						L <sub>A1</sub> (1 min)	
		Day Criteria	Noise Level	Evening Criteria	Noise Level	Night Criteria	Noise Level	Night Criteria	Noise Level
R16 - Doherty	30/09/2019	35	IA	35	IA	38	IA	47	IA
R61 - Skinner	30/09/2019	39	IA	40	IA	39	IA	45	IA
R72 - Robertson	30/09/2019	35	IA	35	IA	35	IA	47	IA
R75 - Sharman	30/09/2019	35	IA	35	IA	35	IA	47	IA
R76 - Horder	30/09/2019	35	IA	35	IA	35	IA	47	IA

IA - Inaudible

Source: Malabar JCCC December 2019 Presentation - Slide Reference #10

RH discussed Maxwell’s noise monitoring results. Maxwell’s monthly noise monitoring was undertaken in September, with all results presenting as inaudible. Monitoring was recorded for day, evening and night.

## 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
06/06/2019 22:54	IA
04/07/2019 23:26	IA
28/08/2019 23:02	<30
26/09/2019 23:26	IA
21/10/2019 22:55	IA
November results – waiting on Report.	TBA
IA = Inaudible. NM = MAC is audible but not measurable.	

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

$L_{A1}$ (1min)	NP04
Representative residential assessment zone	A
Noise impact assessment criteria ( $L_{A1}$ (1min))	45
06/06/2019 22:54	IA
04/07/2019 23:26	IA
28/08/2019 23:02	<30
26/09/2019 23:26	IA
21/10/2019 22:55	IA
November results – waiting on Report.	TBA
IA = Inaudible. NM = MAC is audible but not measurable.	

Source: Malabar JCCC December 2019 Presentation - Slide Reference #11

JN discussed MAC's noise monitoring with no recorded exceedances. 4 out of 5 were inaudible, while the 5<sup>th</sup> was below 30. It was noted that MAC did not have their November results in by the time of creating the data presentation.

### **ACTION 2: JN to provide noise monitoring data results for November.**

WP asked for clarification that the JCCC mainly discusses train loading and movement, and as such the noise and dust data is in relation to these activities. There was general agreement with this statement. RH specified that the monitors are focussed on the Antiene area which is impacted upon by the rail operations.

Discussion turned to the location of monitors in relation to community residences within the Antiene area. CO mentioned that Antiene is on the other side of the highway, and the present JCCC resident members confirmed that they live within the Antiene Estate. RH responded that the focus is closer to the area around Malabar Coal and the rail loops. JN clarified that the area where the monitors are situated is referred to as the Antiene area.

WP asked for clarification of the date of a contaminated sample of deposited dust in July. WP asked for information about the monitor used for dust monitoring. RH clarified that the dust is collected once a month, and as such cannot provide data for any single day. JN and RH discussed that therefore the limits are analysed on an annual basis. RH further explained that the unit is simply a funnel shaped device that collects any dust that settles in that area.

WP asked for information about the noise monitoring devices and if it is an ongoing monitor. RH answered that they use attended noise monitoring, in which a consultant attends the monitors in person to verify where the noise is coming from. RH informed the JCCC that this type of monitoring is taken at random times to prevent the mines altering their actions to influence the data. RH discussed how real-time monitoring is also utilised, which is known as 'Barn Owl' monitoring, but added that this data is not used for compliance.

### **7. General Business:**

WP enquired about the publication of the joint CCC minutes, if they were available online. RH mentioned that the minutes are published on their website, however with the JCCC, there is a delay with the publication of minutes as the minutes are confirmed at the next meeting. WP mentioned that at the MAC CCC meetings, there is a 2-week turnover time frame for the minutes and that they are confirmed by the chair, as to give members increased access. JN mentioned that he is happy for the minutes to be published online as long as they go through the due process. MB suggested that the minutes be circulated to give JCCC members the opportunity to ask for amendments or additions if anything has been missed. WP enquired if everyone was familiar with the guidelines, and if it is worthwhile circulating the guidelines for familiarisation.

### **ACTION 3: RH to circulate the DPIE CCC guidelines to inform JCCC members of the Departments expectations regarding the operation of the CCC.**

WP enquired as to how the joint CCC was constituted and if it was determined by the Department of Planning. JB mentioned that Muswellbrook Council has had a hand in determining the running of the JCCC's in the past and nominating the chair. JL mentioned that she understood the department to be nominating all the chairs now. MB asked if Dartbrook was council nominated. JL explained that the department nominated her as the chair for Dartbrook, but Martin Rush knocked it back.

GB asked if they can 'put a lid' on the idea that China has taken over Mt Arthur. DP fielded the question and discussed that there is no formal information regarding any sales.

**8. Next Meeting:**

Wed June 10<sup>th</sup>, 2020 at 10am confirmed for the next meeting.

WP asked if this date works for reporting periods. RH and JN fielded that they are happy to have the meeting at any time that fits with reporting. LS mentioned that MAC CCC meetings are dated as to fit in with reporting periods. It was discussed that the meetings be held in alignment with the Malabar CCC meetings. Wed June 10<sup>th</sup>, 2020 was agreed upon.

**9. Meeting Closed:**

Meeting closed at 10:40am.

**ACTIONS ARISING FROM THIS MEETING**

**ACTION 1: JN to provide missing second period PM10 reporting data to the JCCC.**

**ACTION 2: JN to provide noise monitoring data results for November.**

**ACTION 3: RH to circulate the DPIE CCC guidelines to inform JCCC members of the Departments expectations regarding the operation of the CCC.**