



DRAYTON MINE & MT ARTHUR COAL
Joint Rail Loading Facility
Community Consultative Committee



Minutes for the Meeting held 20 December 2017 – Mt Arthur Coal Meeting Room

ATTENDANCE

Dr. Colin Gellatly
Chris White
Sam Blanco
John Bancroft
Cr. Mark Bowditch

ATTENDANCE

Jennifer Lecky
Darren Pisters
Matt Lord
Brooke York
Gerrit de Boer
Peter Horder
Ron Baxter
Sarah Purser

MT. ARTHUR COAL (MAC)

Chair - Mt Arthur Coal CCC
Lead Corporate Affairs
Specialist Environment
Community Representative
Muswellbrook Shire Council

DRAYTON MINE

Chair - Drayton CCC
Mine Manager
Environmental Superintendent
Environmental Officer
Community Representative
Community Representative
Community Representative
Meeting Minutes

1. WELCOME/APOLOGIES

Col welcomed all to the joint Drayton & Mt Arthur Coal CCC. Col informed members that there are three vacant community positions on the MAC CCC and that Chris will be advertising these in the near future. Col noted that Di Gee was an apology for this meeting and Mark apologised that he had been unable to attend today's Drayton CCC.

2. DECLARATION OF PECUNIARY INTERESTS

Ongoing/Standing; Col advised that both he and Sarah are engaged by BHP to provide the respective roles of Chairperson and preparation of the Meeting Minutes.

3. CONFIRM MINUTES FROM LAST MEETING

Col asked for confirmation that the Minutes for the last Meeting, held on 13 June 2017, had been circulated and called for any feedback, no comments were put forward by members.

4. ACTION POINTS SINCE LAST MEETING

ACTION: MAC to investigate if their TEOM data is available, that would also indicate wind directions, for the period November 2016 to April 2017 to enable comparison with Drayton Suspended Dust: Lot 22 Antiene HAVA and UHAQMN data.

Sam advised the Antiene station supplies dust data but does not provide MET conditions, MAC can communicate with this station and if there is an exceedance the company would look into that. Sam noted there are not a lot of exceedances at the Antiene.

Mark raised that air quality is a big issue for near neighbours and noted that there had been lengthy discussions around the impacts of dust on the community at the previous meeting. Mark advised that real time monitoring data, along with an indication of airflow during the monitoring periods, was what the community representatives were seeking from the companies.

Mark felt that this combined data would help to identify where dust may potentially travel and assist both the community and companies to ascertain potential sources. In addition, this may indicate other possible contributors that the community could look at outside of mining.

ACTION: For the Drayton & MAC Joint CCC; Drayton to overlay a watermark of the wind rose indicating wind direction for any months where there was notable peak periods for dust.

Drayton advised there had not been any notable dust during the reporting period and this was to be expected as there had been no activity on site. Drayton noted that the site has four E-Sampler units that are located upwind and downwind for the prevailing wind directions experienced at site. An alarm is generated if dust levels exceed a threshold and the system is then checked to see if dust is being generated on site. Drayton also utilises the Upper Hunter Air Quality Monitoring Network (run by the EPA) to compare site levels with dust levels recorded for the region. Drayton noted that historically spikes for their site had been triggered by sources such as; a bush fire in Pokolbin and brush cutting around the monitoring equipment to reduce fuel loads. Drayton confirmed there are currently no operations on site to trigger significant dust generation. John confirmed the EPA sample readings are the type of data he is seeking to review and he commended Drayton on the dust data provided at the meetings.

ACTION: Matt to phone Di in relation to concerns around feral pigs.

Col confirmed that Di had received a call back from Drayton and had been impressed that the company had responded to her concerns so promptly. Col thanked Matt for his efforts with this matter.

ENVIRONMENTAL PERFORMANCE; Presented by Matt Lord - Drayton & Chris White - Mt Arthur Coal

Reporting Period: May 2017 to October 2017

Rail Movements	Total Tonnes	Maximum Train movements per day
Drayton Annual Limits	7 Mtpa	12
Drayton Actual	0.000 Mt	0
Mt Arthur Coal Annual Limits	27 Mtpa	24
Mt Arthur Coal Actual	8.535 Mt	Max: 7, Daily Average: 5

Complaints (Drayton & Mt Arthur Coal)

No rail related complaints were received by Drayton or Mt Arthur Coal for this period.

Location of Monitoring Sites

For slide referencing; Red is Railway, Yellow is privately held Residences, Blue squares are monitoring locations for both MAC & Drayton, Green also indicates monitoring locations.

PM₁₀ Continuous Real Time Monitoring (Drayton)

There were no exceedances of the 24 hour average limit (*Red*) and current annual average (*Green*) was well below, Drayton were trending along quite nicely.

PM₁₀ Continuous Real Time Monitoring (Drayton)

Presentation of the same data aligned with the Upper Hunter Air Quality Monitoring Network data.

For slide referencing; UHAQMN data is the Green line and Drayton data is Blue.

Matt noted that he found this data most interesting as it indicated a very close correlation with monitoring across the Valley and at the Drayton site, thereby confirming that the company is getting accurate readings. Matt advised that again, there had been no correlation with dust and site activities, as Drayton had not been operating.

Suspended Dust: Lot 22 Antiene HVAS (Drayton)

Dust Fallout Gauge 2157 (Drayton)

Matt noted that the increase in measurements from the previous year had been anticipated due to it having been a very dry period. Out of interest Matt noted that there had been only 490mm of rainfall measured at Drayton for the year to date and historically this would be around 640mm for the 11 months to November.

Dust Fallout Gauge 2247 (Drayton)

This different gauge provided the same result as the 2157 and is trending well below the annual limit.

PM₁₀ Antiene (Mt Arthur Coal & Drayton)

24 Hour - PM10 Final Upper / 24 Hour - PM10 Rolling Upper

No results throughout the period exceeded the 24-hour or rolling 12-month criteria. It was queried if independent monitoring indicated the same type of results and Drayton confirmed yes, that these had been very similar to the companies monitoring.

Depositional Dust Gauge DD04 (Mt Arthur Coal)

Gauges below annual average limit of 4 g/m²/month (*Red line*)

Predominant Winds (Mt Arthur Coal)

MAC and Drayton advised that they had pulled together to look at how to provide the CCC with a wind direction overlay across dust monitoring data and noted the difficulty with this was that wind intensity and direction is constantly changing. To provide an indication of dominant wind directions, wind rose data was presented to members for the months of; April, May, June, July, August, September and October 2017. The dominant winds for the summer period had been from the south-east and for the winter period had been north-west predominant winds.

Attended Noise Monitoring (Drayton & Mt Arthur Coal)

A reference map was provided of attended noise locations in close proximity to Drayton / MAC.

Attended Noise Monitoring (Drayton)

Drayton was noted as being inaudible during the monthly monitoring events for the period.

Attended Noise Monitoring (Mt Arthur Coal)

Sam advised that MAC had not had any exceedances during the reporting period, he noted that Consultants provide MAC with reports that indicate sources of noise including low mining noise continuum and from mining operations, the reporting also identifies other sources that may obscure readings such as; traffic, dogs, fauna, birds and frogs.

4. GENERAL BUSINESS

There were no action arising from this Meeting.

5. NEXT MEETINGS AT DRAYTON MINE

Wednesday 20 June 2018

MAC CCC : 9.00 a.m. to 10.30 a.m.

Mt Arthur Coal & Drayton Mine Joint CCC : 10.30 a.m. to 11.30 a.m.

Drayton CCC : 11:30 a.m. to 12.30 p.m.