

Narrabri Mine Community Consultative Committee Meeting #45**Date:** Wednesday 26th June 2019**Time:** 5:00pm**Location:** Narrabri Mine Office

Present: Peter Webb (PW)
Mark Foster (MF)
Geoff Hunter (GH)
James Stieger (JS)
Allan Grumley (prior to meeting Geoff Hunter requested permission for Allan to attend as Observer)
Steve Bow (SB) – Narrabri Mine General Manager
Aron Cane (AC) – Narrabri Mine Surface Operations Manager
David Ellwood (DE) – Narrabri Mine Director – Stage 3 Project
Brent Baker (BB) – Narrabri Mine Environmental Superintendent
Shena Newman (SN) – Narrabri Mine Graduate Environmental Officer

Apologies: Russell Stewart (RS) – Independent Chair (apology submitted via phone during the meeting)

CCC agreed for James Stieger to preside over meeting as Acting Chairman.

1. DECLARATION OF PECUNIARY OR OTHER INTERESTS

Pecuniary Interest forms submitted by all attending CCC members.

Mark Foster declared Pecuniary Interest as he leases land owned by Whitehaven Coal.

James Stieger mentioned Whitehaven is planting some trees to screen substation from house (as part of earlier agreement).

2. PREVIOUS MINUTES

GH wished to clarify some issues on previous minutes:

- CCC committee- GH under impression that Russell Stewart would advise on process of nominating CCC members. GH understands this has since been clarified.
- Water expert- GH wanted to clarify that it was not agreed for an independent water expert to attend, and it was not agreed for Tim Muldoon to attend to provide an update on Whitehaven Property Leasing.
- SB confirmed that the meetings are recorded, and a transcript is available. However it was discussed at the previous meeting that instead of 'verbatim' written minutes, it would be preferable to have a summarised version to make it easier to read.
- **ACTION: Moved that Previous Minutes (#44) have to be amended to clarify these points.**

Moved: JS

Seconded: SB

2.1 BUSINESS ARISING FROM PREVIOUS MINUTES**2.1.1 New Members for CCC**

- GH understanding is that you don't readvertise. GH reviewed new Guidelines, and is of the understanding that allowed up to 7 community members. GH has interest from new potential members; Allan Grumley and Charlie

Melbourne. GH asked if we can accept these new members? SB advised there is a process to follow. GH agreed that it must go through Independent Chair and Dept. Planning.

- **ACTION: Names of two new members are to be submitted to Chairman (RS) by GH. Chairman will follow process and update CCC at next meeting.**

2.1.2 Ratify previous minutes

- GH is of the opinion that Summarised minutes is easier to read.
- GH mentioned new Guideline expectations. Draft Minutes to be released in a week and issued to members for comment. Final minutes to be released after another 2 weeks.
- NCO to continue to prepare minutes. Generally agreed.
- JS asked if any objections. No objections.
- **ACTION: NCO (Brent) to prepare draft minutes within 1 week of meeting and issue to CCC members for comment.**

2.1.3 Cement substance around borehole on Exploration Lease

- CCC to write to affected landholder regarding cement substance around borehole on Exploration Lease drill site.
- CCC and NCO not sure if this has been completed.
- **ACTION: NCO (Brent) to follow up with Russel Stewart, and ensure this is completed, with update provided to CCC members at next meeting.**

3. AGENDA ITEMS DISCUSSED IN CURRENT MEETING

3.1 Stage 3 Project Update

- DE discussed the drop-in session held at Baan-Baa on the 7th of May 2019. 22 people attended: community members and other Stakeholders (Narrabri Council). GH raised that they knew a few community members had stated that they had not heard about the drop-in-session. DE stated that there were approximately several thousand letters sent out to all letterboxes in the surrounding area, however there was an error with PO boxes and they were missed. DE confirmed that this issue will be amended prior to the next drop-in session. GH requested that CCC notified in advance of next Stage 3 Community Meeting so that they can relay information.
- Social Impact Assessment: DE advised of EIS process, and the Social Impact Assessment required. DE advised important that CCC included in this process, and would like Sharon Briggs of CDM Smith to attend next CCC meeting in September to obtain feedback from CCC members. This would require an additional 45 minutes to be added to next meeting. No objections to this request from CCC members.
- DE provided general update on EIS. Passed around plan showing distance from Stage 3 to Baan-Baa (7.5km). DE advised that property acquisition with several affected landholders are underway.
- DE advised that have to complete Environmental Impact Studies to determine area of influence, and that until we have this information we cannot pass on the exact information to landowners.
- DE explained basic overview of Stage 3 Project- eg. extension to the existing underground mine not proposing a new ROM or new drift/pit top area etc. There will however be some surface disturbance in the form of ventilation shafts, subsidence and there will be an extension of the gas drainage network.

3.2 Mine-owned Land Lease Conditions

- General discussion around this issue which was raised in previous meetings. DE understanding is that action from previous meetings was for NCO to review its Lease Agreements to ensure that any landholders are properly managing the land.
- GH mentioned that previous meeting minutes NCO provided the excerpt from Lease Agreements regarding 'Best Agricultural Practices'. GH believed that NCO felt they had satisfied request from CCC by providing this info. GH happy to leave it at that, however if NCO want feedback he still believes we can do better.

Steve Bow confirmed he would provide feedback from CCC to Whitehaven company managers/directors.

- Mayfield Lease: Allan Grumley described poor fencing on Mayfield, and feels he is getting the blame for this and subsequent poor stock management. Allan explains how this is a hard issue for him to manage. Mine dozing down fences, and leaving gates open. No signage indicating that it is Mine Lease. Allan has tried to get fences/gates/signage etc.

Allan explained issues with Omeo Lease, and the reduction in size of the property he is able to access due to Mine impacts on the SE edge of property.

Allan mentioned impacts (ie. Dust) at his residence on Darjeeling. Even though NCO have provided results and it is below limits, he questions who sets the limits.

Despite the impacts over the years Allan has not complained, and feels that mine is not doing anything for him even though he is a neighbour.

Allan advised he has a meeting scheduled tomorrow with Darryl Campbell- Whitehaven Community Rep.

3.3 Exploration Lease Renewal

- EL6243 Renewal Application lodged on 17 May. For a term of 6 years, over existing area (6,940ha). Renewal currently being assessed by the Department of Planning & Environment.

3.4 Operations and Safety Progress Report

Presented by Steve Bow

Coal produced (t):	May 2019	353,000
	FY-to-date	5,055,000

Coal Railed (t):	May 2019	309,000
	FY-to-date	5,152,000

Average workforce numbers (May 2019):

NCO	Waged – 127
	Salary – 135
	Total – 262

Contractors	Total – 260
-------------	-------------

Safety Update (YTD):

Lost Time Injury (LTI)	7
Days LTI Free:	8
TRIFR:	11.35
NSW Underground industry TRIFR average	34

- SB stated that production has been steady in the last few weeks due to the end of the financial year coming up. Coal produced below budget, but price of coal is positive.
- SB stated employment was steady and NCO has not increased employee numbers. Continuing to employ more locals. GH asked if NCO takes apprentices; AC explained that NCO take seven apprentices across the Whitehaven group per year, with 2-4 each year at Narrabri Mine. SB added that NCO also take cadets from local schools, assisting in financial aid for higher education (i.e. engineering etc).
- SB provided Safety update. NCO's last injury at the time of the meeting was on the 29th of April. SB said currently this Financial Year looking to be best Safety Performance result. JS asked about injury type and SB shared that manual handling is the biggest safety concern. SB discussed safety statistics
- AC provided an update on the ROM, currently holding 850,000t of coal (600K ROM- 200K Product). Train outages and Port of Newcastle causing issues with coal deliveries.

3.5 Environmental Monitoring Report

Presented by Brent Baker

3.5.1 Noise Monitoring

Noise monitoring was undertaken between Tuesdays 26th to Thursday 28th of March 2019. The monitoring is conducted quarterly to validate that noise levels are within compliance limits. At this time NCO is within compliance of the Project Approval. The results are demonstrated below. BB advised that another round had been conducted during June, but results not yet available.

Discussed addition of new monitoring report 'High Range'.

Table 1: Monitoring Results

EPL ID	Monitoring Date	Daytime Measured L _{Aeq} dB	Evening Measured Levels L _{Aeq} dB	Night Measured Levels L _{Aeq} dB	Night Measured Level L _{A1,1minute} dB	Noise Limit(s)	Compliance
N5 Oakleigh	26/03/2019	NM	IA	IA	IA		Yes
	27/03/2019	NM	30	30	36		Yes
	28/03/2019	NM	IA	IA	IA		Yes
N6 Newhaven	26/03/2019	30	31	31	35		Yes
	27/03/2019	NM	IA	25	28		Yes
	28/03/2019	IA	NM	27	28	Day/Evening/Night	Yes
N1 Bow Hills	26/11/2018	IA	32	31	39	L _{Aeq,15minute} : 35 dB	Yes ¹
N3 Ardmona	26/11/2018	IA	IA	IA	IA		Yes
N7 Merriman	26/11/2018	NM	27	30	32	Night L _{A1,1minute} : 45 dB	Yes
N8 Haylin View	26/03/2019	22	IA	<25	28		Yes
	27/03/2019	30	25	25	26		Yes
	28/03/2019	NM	IA	IA	IA		Yes
N9 High Range	26/03/2019	27	26	26	27		Yes
	27/03/2019	NM	NM	NM	NM		Yes
	28/03/2019	NM	NM	<25	27		Yes

Notes:

1. A private agreement is in place so this result is compliant.
2. Noise levels provided in these columns are highest NAR only contributions, where criteria were applicable, during each period;
3. As detailed in the EPL, noise emission limits apply under all meteorological conditions except:

- Wind speeds greater than 3 m/s at 10 metres above ground level; or
 - Stability class F temperature inversion conditions, and wind speeds greater than 2 m/s at 10 metres above ground level; or
 - Stability class G temperature inversions;
4. 'NM' denotes not measureable.
 5. 'IA' denotes inaudible.

3.5.2 Dust Monitoring

GH asked about dust issue in January. BB stated that NCO had been issued a PIN (Penalty Infringement Notice) by EPA for failure to operate within a correct manner- relating to coal dust from stockpiles. SB stated that Whitehaven have appealed the PIN. CCC will be provided an update at next meeting.

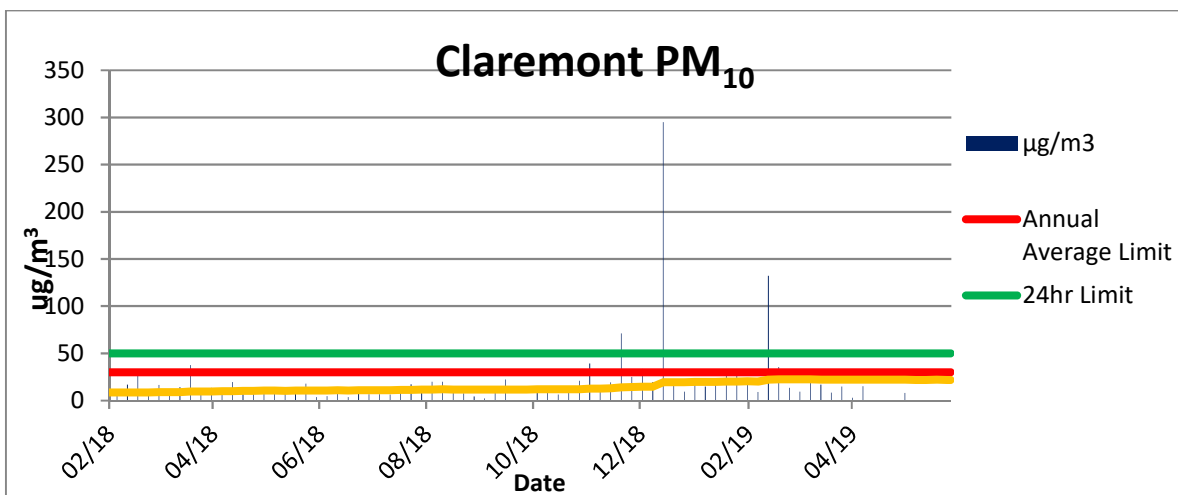
3.5.2.1 Deposited Dust Monitoring

The deposited dust results for this quarter are within the compliance limit of 4 g/m²/mth with the exception of ND4a- Matoppo, where the ash limit (i.e. the component of the deposited dust attributable to mining) is below the annual limit being 1.7 g/m²/mth.

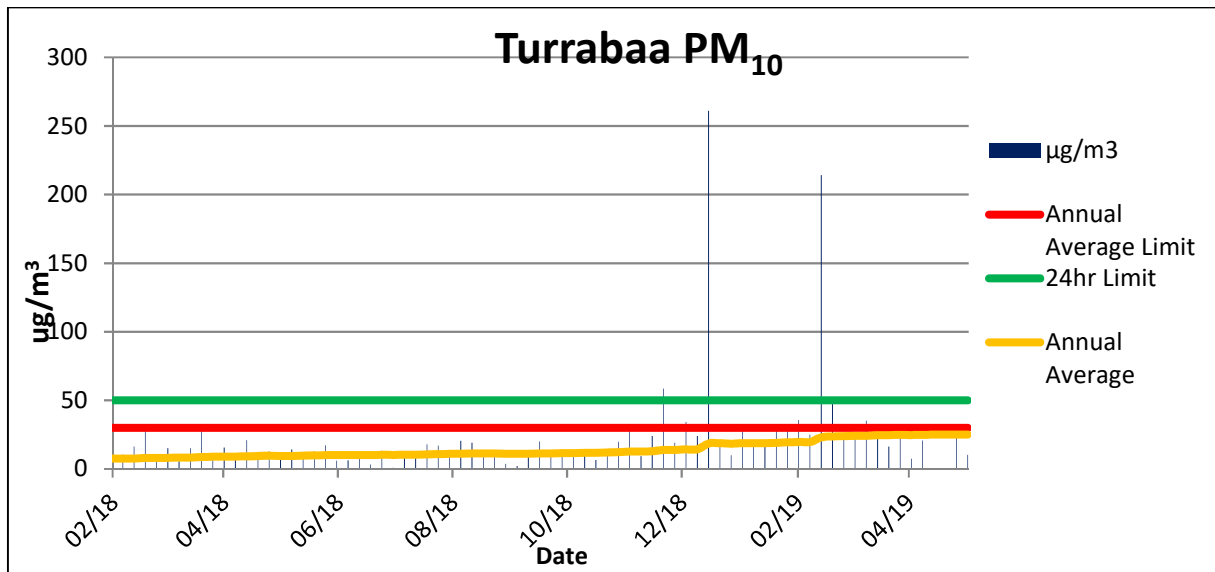
Month	ND1 Turrabaa	ND2 Claremont	ND3 Bow Hillis	ND4a New Matoppo	ND5 Claremont	ND6 Willarah	ND7 Claremont	ND8 Claremont	ND11 Oakleigh	ND12 Merriman	N13 Darjeeling
Apr-19	3.9	1.3	2.1	2.3	3.2	1.6	1.4	2.2	1.9	2.8	2
May-19	0.9	0.8	1.3	6.1	3.2	1.6	1.4	1.2	1.1	0.9	1.1
Quarterly Average	2.4	1.1	1.7	4.2	3.2	1.6	1.4	1.7	1.5	1.9	1.6

3.5.2.2 High Volume Air Sampling (PM10)

PM10 measurements taken to 28th May 2019 for the "Claremont" High Volume Air Sampler (HVAS) are returning a running annual average of 21.79 µg/m³, which is well below the annual average limit of 30 µg/m³.



PM10 measurements taken to 28th May 2019 for the “Turrabaa” High Volume Air Sampler are returning a running annual average of 24.96 µg/m³, which is also well below the annual average limit of 30 µg/m³.



PM10 annual average levels have remained compliant since the last meeting. ND9 and ND10 both recorded exceedances on the 21st of November, 15th of December and 13th February 2019 as result of regional dust storms that affected much of NSW. The mine notified the DP&E as required by the sites’ Air Quality Management Plan. Since these events we have remained within exceedance levels according to the Project approval.

3.5.3 Groundwater Monitoring

No information available at time of report.

GH discussed Annual Review. GH requested more information regarding mine usage of Zone 5 water. AC advised NCO have used approx. 400ML this financial year, with licensed limit of 417ML.

ACTION: NCO to provide update on water usage at each CCC meeting.

3.5.4 Surface Water Monitoring

No wet weather discharges from licensed discharge points occurred during the March-May period, so no monitoring undertaken

3.5.5 Subsidence Monitoring

Subsidence monitoring will be reported on in next CCC meeting.

3.5.6 Environmental Incidents

Narrabri Coal were issued with a Clean-Up Notice from the EPA on 24th April. This incident involved the incorrect disposal of underground respirator units into General Waste skip bins, which subsequently ended up at Narrabri Landfill. Whilst in the landfill the units have caused small fires within the landfill.

Narrabri Coal have been undertaking clean-up activities at the landfill site for 4 weeks. Work is ongoing and NCO have been in discussions with Narrabri Shire Council and EPA. EPA are continuing investigations into this incident.

3.5.7 Environmental Complaints (01 March-31 May)

- 18 complaints related to noise. 17 from the same complainant, all Noise related. A Noise monitoring point has been added to the EPL and quarterly attended monitoring undertaken to date has shown no exceedances of noise criteria. Despite compliance, mine has also offered additional control measures. Negotiations are ongoing.
- 2 complaints relating to odour. Investigations have revealed source of odour to be Brine ponds. Water analysis indicates anaerobic conditions in the two brine dams, and odour causing bacteria are commonly generated under anaerobic conditions. Investigations are ongoing, with consideration given to treatment and aeration/circulation of water in the dams.

3.6 General Business

- GH stated that it is rumoured that NCO is treating waste water from other gas companies. NCO assured this is not happening, and explained capacity of our relatively small water treatment plant, and general cycle/process of mine water.
- Discussed meeting time, generally agreed to leave the time as it is, until discussion at next meeting.
- Next CCC meeting scheduled for Wednesday 04th September at 5pm.

ACTIONS FOR NEXT MEETING

1. **PREVIOUS MINUTES:** NCO to amend previous minutes to remove 2 items (requests for meeting attendance by groundwater licensing expert, and Tim Muldoon regarding Leases/Property Management). BB has completed and amended minutes will be sent to CCC members.
2. **NEW MEMBERS:** Names of two new members are to be submitted to Chairman (RS) by GH. Chairman will follow process and update CCC at next meeting.
3. **MEETING MINUTES:** NCO (Brent) to prepare draft minutes within 1 week of meeting and issue to CCC members for comment.
4. **EXPLORATION LEASE:** Cement substance around drillhole. NCO (Brent) to follow up with Russel Stewart, and ensure this is completed, with update provided to CCC members at next meeting.
5. **GROUNDWATER USAGE:** NCO to provide update on licensed water usage at each CCC meeting.

Meeting Close: 6:45pm