

Minutes of Rocglen Coal Mine

Community Consultative Committee – Meeting #34

Meeting Held: Wednesday 11th September 2019

Venue: Whitehaven Coal Gunnedah Office Boardroom

Commencement Time: 2:00pm

1. Present and Apologies

Present: Mr John Sturgess (JS) – Independent Chairperson
Andrew Raal (AR) – Environmental Officer
Matthew Sparks (MS) – Mine Operations Manager Vickery
Craig Sullivan (CS) – Operations Manager Rocglen/Sunnyside
Daryl Robinson (DR) – Project Manager - Mine Rehabilitation
Colleen Fuller (CF) – GSC Representative
Sandra Donnelly (SD) – Group Administration Officer (minutes)

Apologies: Mrs Pam Burns (PB) – Community Representative

2. Minute Taking Requirements

CF moved adoption of minutes. AR seconded

3. Previous Minutes

Minutes accepted as true record of the motion by CF and seconded by AR.

4. Business Arising from Previous Minutes

- Blue Vale Road
AR advised that the Blue Vale Road turnoff to the CHPP Haul Road has been resolved. CF advised that she had travelled on the road this morning and reported road was fine.

5. Mine Progress Report

MS reported Financial Year Overburden moved 4.744 M BCM, Coal 879 tonnes versus planned 824 tonnes.

Coal Haulage 1.7 tonnes, last coal mined 26/6/19, last coal hauled 26/7/19.

MS reported that there is no coal on site, the mining operation is now in rehabilitation. Workforce has been reduced to half, the other half has been relocated to Tarrawonga. Rocglen shift cycle is Monday to Friday day shift only, rehabilitation is expected to continue till 2021.

MS reported rejects from the CHPP is still being trucked to Rocglen. AJ questioned if the rejects are used for landfill. MS advised that the rejects are placed in the void. AR

responded that the minimum requirement of 3m depth of cover over carbonaceous material.

AJ questioned whether the site was previously accepting rejects. MS responded that Rocglen has always accepted rejects, it was previously backhauled.

6. Review of Environmental Performance

AR presented the environmental report and advised no community complaints or issued had been received.

AR advised that the quarterly noise monitoring had taken place in May and the next one was due in September. Road noise monitoring all good.

Blast monitoring – AR advised 5 blast since last meeting, the last 2 blast were for high wall shaping in May & June, last production blast was in April. AJ questioned if Rocglen has completed all their blasting, AR advised that all blasting had been completed.

Air Quality – AR advised that deposited dust results had a number high readings due to regional dust storms. Dust reading requirements of 4 milligrams over a 12 month average were well below required level of 4mg/m/m².

Bores – AR advised that water levels in bores rainfall dependent.

Surface Water – AR advised no discharge off site, advising that there is still a fair bit of water in dams, due to the cooler weather and the reduction in the need for dust suppression.

Rehabilitation – DR advised that rehabilitation is going well. JS enquired to the survival of the tree planting. DR responded there had not been any established tree deaths, new plantings are being hand watered.

AJ spoke about deep rooted stock method which was used at Dubbo Council, suggesting that WHC could make contact with them to discuss this method. AR advised that a trial had taken place using milk cartons around tube stock, but the kangaroos had eaten the milk cartons and destroyed some of the tube stock. CF advised that a new gel has been used successfully in the Hunter Valley. AR noted that additional tube stock is being planted along the Wean Road fence line.

AJ questioned whether there has been any wildlife or stock deaths in the dams, advising that Council had erected fencing around dams. MS advised that there is fencing around the mine sites but not the dams, stating that there has not been any wildlife or stock deaths in dams.

7. General Business

CF questioned whether a WHC vehicle will be available to transport committee members to meetings on site. AR advised that transport can be arranged if meetings are held on site.

8. Next Meeting

11th March 2020, WHC Gunnedah office boardroom

9. Meeting End: 2:15pm

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Environmental Monitoring Report September March 2019 – August 2019

Complaints

No community complaints have been received since last CCC meeting.

Noise Monitoring

Attended noise monitoring was undertaken from the 15th - 17th May 2019, was in accordance with the Rocglen Noise Monitoring Program and Environment Protection Licence Guidelines (90 minutes during the day, 30 minutes during the evening and 60 minutes during the night and occur for 3 consecutive operating days).

Annual attended road noise motioning of the haul trucks was undertaken in conjunction with Tarrawonga Mine. There were no non-conformances. Reports are on the WHC webpage.

Blast Monitoring

There were 5 blast in the period from March 2018 to June 2019, none exceeded approval conditions (Table 1). Blasting at the operations has ceased and blast monitors have been decommissioned.

Table 1 Blast monitoring results for the period

SHOT NO	DATE	MONITOR LOCATION	PEAK OVERPRESSURE (dBL)	PEAK GROUND PRESSURE (mm/s)	TIME
Approval conditions			115.0	5.00	
337	07/Mar/19	Retreat	105.6	0.30	12:21
337	08/Mar/19	Surrey	105.5	0.76	13:21
338	28/Mar/19	Retreat	99.4	0.79	12:29
338	28/Mar/19	Surrey	100.6	0.13	12:29
339	03/Apr/19	Retreat	104.3	0.22	12:48

339	04/Apr/19	Surrey	97.8	0.94	12:48
340	13/May/19	Retreat	103.7	0.25	12:03
340	13/May/19	Surrey	102.3	1.03	12:03
340	18/Jun/19	Retreat	95.6	0.02	09:00
340	18/Jun/19	Surrey	100.8	0.04	09:00

Air Quality

Deposited Dust Results

The deposited dust results ($\text{g}/\text{m}^2/\text{month}$) for the past 11 months (Table 2) had a number of high values due to regional dust storms. Annual mean of all sites were below the $4 \text{ g}/\text{m}^2/\text{month}$. August 2019 dust analysis is still being finalised as there were laboratory errors that are being resolved.

Table 2 Deposited Dust Monitoring Data Summary Sept 2018 July 2019

Month	BD3 - Belah	BD4 - Surrey	BD5 - Stratford	BD6 - Roseberry	BD7 - Roseglass	BD8 - Yarrowonga	BD2-A - Penryn
Sep-18	1.9	1.7	1.9	1.3	2.1	1.9	8.7
Oct-18	2	1.4	1.7	0.9	0.8	0.8	2
Nov-18	6.2	1.7	3	1.6	2.5	2.8	6.2
Dec-18	1.6	2.1	1.4	2.1	4.1	1.7	3.8
Jan-19	2.5	3.4	3.2	2.7	3.1	2.9	2.6
Feb-19	1.2	1	1.1	0.9	3.1	1.6	2.9
Mar-19	1.9	2.2	1.7	1.9	1.5	0.2	1.9
Apr-19	2.7	4.1	0.1	0.9	2.6	0.8	2
May-19	1.7	6	1.7	1.7	1.3	1	1.5
Jun-19	1.7	3.7	2.6	1.3	1.2	0.9	1.3
Jul-19	1.5	4.4	1.6	1	1.1	1	0.6
Mean	2.26	2.88	1.82	1.48	2.13	1.42	3.05

PM10 Results for 2018

A few of the 6 daily samples had high readings due regional dust storms. Roseberry had an annual average of $25.5 \mu\text{g}/\text{m}^3$ for the last 12 months, which is within the annual limit of $30 \mu\text{g}/\text{m}^3$.

One reading was missed in September 2018 due to power trip to the dust monitor which was a result of heavy rainfall during the sampling period and localised power outage.

Water Monitoring

Ground Water

Of the 14 bores, monitored drop in water levels were between 5cm to 20cm. There have been no change to water quality with all bores within long-term quality ranges.

Surface Water

There have been no water discharge leaving the mine site. Trucking from Canyon mine was stopped after the March rainfall events where the mine site dams were filled due to the intensity to the rainfall +80mm in less than 3 hours.

Rehabilitation

Coal mining has ceased and bulk earthwork rehabilitation work has started with the reworking of the Western Emplacement.

Other

Rocglen Mine Closure MOP (Mine Operational Plan) has been submitted and is going through regulatory review. All production on the mine has ceased. Reject coal will still be received from the Gunnedah CHPP for approximately the next 2 years.