

Minutes of Rocglen Coal Mine

Community Consultative Committee – Meeting #36

Meeting Held: Wednesday 29th March 2022

Venue: Whitehaven Coal Gunnedah Office Boardroom

Commencement Time: 3:30pm

1. Present and Apologies

Present: Mrs Pam Burns (PB) – Community Representative
Andrew Raal (AR) – Closed Mines Super
Wade Hudson (WH) – Senior Development Officer GSC
Olivia Hulbert (OH) – Officer Rehabilitation and Closed Mines

Apologies: John Sturgess (JS) – Independent Chairperson

Mine Progress Report

- AR Discussed rehabilitation progress and issue with weeds and fleabane, PB Fleabane has been exceptionally bad, and difficult to control
- AR - Western Dump is now our main focus. Void batters and overburden dump to be shaped. Bulk haulage ceased September 2021. Employees – 6 Operations, 1 Workshop, 5 Office staff. Operating hours 7-4:30 (with machinery).
- Mine void has been backfilled above Ground Water level – no more seepage.
- PB – who is OCE? AR - Still no Mine engineer. Craig Sullivan has moved to Tarrawonga.

Review of Environmental performance

- Noise monitoring no longer required. Dep dust improved with increased rainfall. Ground Water levels improved with rainfall
- WH – When did attended noise monitoring cease? OH – Q3 2020 was the last attended noise monitoring.
- PB – How long was Rocglen in operation for? OH – 2008 – Q3 2019.

General Business

Frequency of meeting was discussed and next meeting will be held on **13 September 2022** and will include site visit. Can arrange pickup from Whitehaven Coal Gunnedah Office at 14:30.

Meeting closed: 16:02

Rocglen Coal Mine

Community Consultative Committee

Meeting #36

Environmental Monitoring Report

Jan 2022 – March 2022

Noise Monitoring

Attended noise monitoring is no longer required for the site. There were no noise complaints or investigations

Blast Monitoring

Blasting at the operations has ceased and blast monitors have been decommissioned.

Air Quality

Deposited Dust Results

The deposited dust monitoring had quarterly mean limits below the set criteria at all sites.

Table 1: Deposited Dust Monitoring Data Summary Q1 2022

| Site | EPL I.D. No. | Property Name | Quarterly Mean Total Insoluble Solids (g/m ² /month) | Quarterly Mean Ash % | Long Term Insoluble Solids Average |
|-------|--------------|---------------|-----------------------------------------------------------------|----------------------|------------------------------------|
| BD3 | | Belah | 2.63 | 1.0 | 1.8 |
| BD4 | 4 | Surrey | 1.53 | 1.2 | 1.4 |
| BD5 | | Stratford | 3.03 | 2.5 | 1.4 |
| BD6 | 6 | Roseberry | 2.3 | 1.0 | 1.2 |
| BD7 | | Roseglass | 2.27 | 1.0 | 1.6 |
| BD8 | | Yarrowonga | 0.8 | 0.4 | 2.2 |
| BD2-A | | Penryn | 2.08 | 1 | 3.5 |

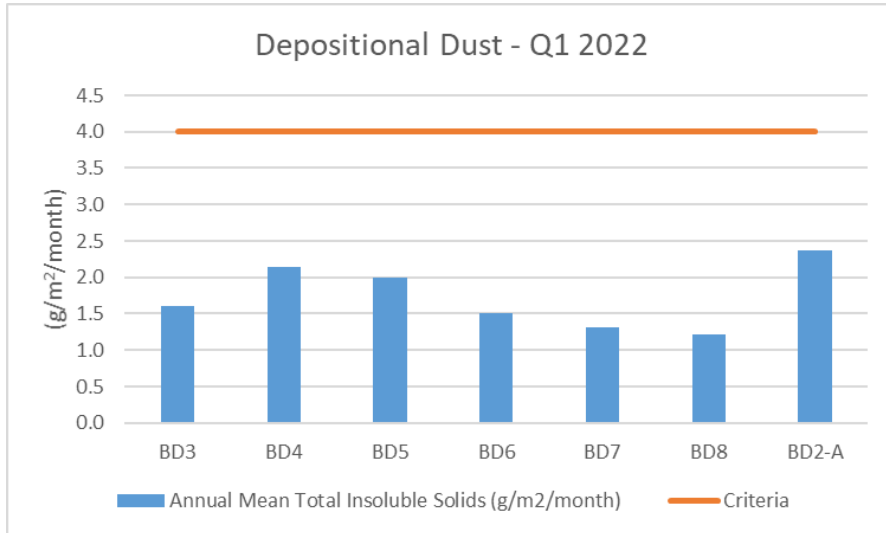


Figure 1: Depositional Dust Annual Mean

PM₁₀ Results for 2021

Summary results for high volume (PM10) air samplers at Costa Vale and Roseberry (Table 2). No exceedances of dust guidelines.

Table 2: Summary High Volume air sampler (HVAS) at Costa Vale and Roseberry for 2021

| Sites | Costa Vale- Full data set | Roseberry- Full data set |
|-------------------------|---------------------------|--------------------------|
| No. of readings | 11 | 11 |
| No. days above criteria | 0 | 0 |
| Maximum | 17.7 | 8.0 |
| Minimum | 2.4 | 1.9 |
| Average | 8.6 | 4.8 |

Water Monitoring

Ground Water

Monitoring piezometers to the south east of the void, MP7 and MP8 dropped around 1m during the reporting period and are starting to stabilise. Water levels in MP7 & MP8 are related to isolated perched aquifer adjoining the mine void. Bore WB-7 300m southeast of MP7 & MP8 has had over 2m rise in water level.

Groundwater levels to the north of the void continued to rise, with WB-5 rising by 6m, and WB3 increasing by 0.94m. Water level trends in all other bores have had a slight rise due to increased rainfall.

The mine void was backfilled in December 2020 above groundwater inflow level. There was no bore water extraction and groundwater take from void seepage during the reporting period.

Surface Water

There are two Licenced Discharge Points (LDPs) nominated in the current EPL 12870, LDP11 to the south of the site, and LDP12 to the north of the site.

Wet weather discharge is where more than 38.4mm of rainfall occurs within 5 day period.

Controlled Release is where water dams at discharge points are full and actively pumped off site after quality requirements are met. Flocculation of the dams is undertaken where required remove sediment load. 1st March LDP12

Wet Weather Discharges LDP11

There were three (22 Feb, 8 March, 28 March) wet weather discharge from Dam SD3 through licenced discharge point LDP11. Water qualities were within EPA standards.

Controlled Release LDP12

There was one discharge (1st March 2022) controlled releases from Dam A1 through licenced discharge point LDP12. Water qualities were within EPA standards.

Complaints

No community complaints have been received since last CCC meeting.

Rehabilitation

Rehabilitation of the eastern void was completed. Seeded with woodland mix of grass and tree and shrub species. Seedlings were also planted. Landform was changed to a more natural geomorphic design with rock drop structures.

Other

- Mine Operational Plans (MOP) are being replaced by Rehabilitation Management Plans under new legislation by the Resource Regulator.
- Site operations are now limited to bulk earth moving using dozers. Trucking and shoving operations have ceased. Some trucking of stone for drainage lines using smaller Moxy trucks will be undertaken as required but.



Minutes of Rocglen Coal Mine

Community Consultative Committee – Meeting #37

Meeting Held: Tuesday 20th September

Venue: Rocglen Coal Mine

Commencement Time: 2:30pm

Present and Apologies

Present: Mrs Pam Burns (PB) – Community Representative
John Sturgess (JS) – Independent Chairperson
Andrew Raal (AR) – Closed Mines Superintendent
Daryl Robinson (DR) - Manager - Environment & Mine Rehabilitation
Olivia Hulbert (OH) – Officer Rehabilitation and Closed Mines
Darren Swain (DS) - General Manager Community Engagement
Jamie Fitzroy (JF) – Supervisor

Apologies: Clr Colleen Fuller (CF) – Community Representative

Previous Minutes

Minutes accepted as true record of the motion.

Mine Progress Report

DR – Mine is in closure with coal ceasing 2019. Rehabilitation in Eastern pit completed and recently completed section of Western void. Currently working on achieving final landform of western dump.

AR – Rehabilitation areas have been seeded with a cover crop consisting of oats along with a native woodland species.

DR – 3580 LTI free days. Currently still a few positions to fill within the crew. We have moved away from traditional landform and adopted a Geo-morphic landform that blends nicer with the natural environment.

JS – What country will the landform reflect, will it look like it was prior to mining?

DR – It will reflect the landform that has been approved.

AR – Plant species will reflect species native to the area. The species used are identified using analogue sites.

DS – what extra operators are you looking for?

DR - Dozer operators, likely trainees.

Review of Environmental performance

AR - Noise monitoring and blast monitoring no longer required.

AR – Depositional dust is all within criteria, as would be expected with recent rain.

AR - HVAS at Costa Vale has been removed from the AQGHG MP therefore monitoring ceased in May 2022.

AR – Majority of our groundwater monitoring locations have seen an increase in water levels.

JS – You would expect to have an increase in groundwater, wouldn't you?

AR – Yes, with recent rainfall you would expect an increase in groundwater levels. Also, we are no longer taking any ground water with the back filling of the void.

AR – Mining Operation Plan has now been replaced with a Rehabilitation Management Plan.

DR – Infill planting is completed in response to annual ecological monitoring.

PB – Where do you get trees from?

DR – Fields collect seeds locally and then they grow the tube stock in Narromine. We are looking at getting the unique species done locally. We have a local nursery onsite as a holding place.

PB – Where are fields located?

DR – Armidale. They also provide us with viability testing results.

General Business

Frequency of meeting was discussed and all participants were in favour of updating the frequency of meetings from 6-monthly to annually. Next meeting will be held Q3 2023. 6-monthly environmental reports will still be distributed.

Site tour undertaken.

Meeting closed: 14:52

Rocglen Coal Mine Community Consultative Committee Meeting #38

Environmental Monitoring Report April 2022 – September 2022

Noise Monitoring

Attended noise monitoring is no longer required for the site. There were no noise complaints or investigations

Blast Monitoring

Blasting at the operations has ceased and blast monitors have been decommissioned.

Air Quality

Deposited Dust Results

The deposited dust monitoring had mean limits below the set criteria at all sites.

Table 1: Deposited Dust Monitoring Data Summary 2022

| Site | EPL I.D. No. | Property Name | 2022 Mean Total Insoluble Solids (g/m ² /month) | Mean Ash % | Long Term Insoluble Solids Average |
|-------|--------------|---------------|------------------------------------------------------------|------------|------------------------------------|
| BD3 | | Belah | 1.76 | 0.7 | 1.8 |
| BD4 | 4 | Surrey | 1.41 | 0.8 | 1.4 |
| BD5 | | Stratford | 1.65 | 1.2 | 1.6 |
| BD6 | 6 | Roseberry | 1.31 | 0.6 | 1.3 |
| BD7 | | Roseglass | 1.19 | 0.6 | 1.2 |
| BD8 | | Yarrowonga | 1.06 | 0.4 | 1.1 |
| BD2-A | | Penryn | 1.33 | 0.6 | 1.3 |

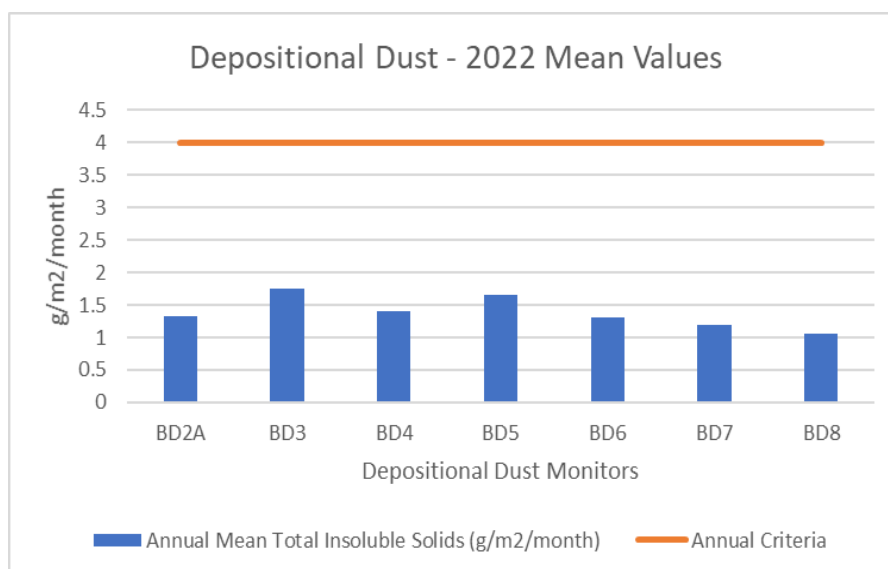


Figure 1: Depositional Dust 2022 Mean Values

PM₁₀ Results for 2022

Revision of Air Quality and Green House Gas Management Plan was submitted for department approval in March 2022. This revision included removing Costa Vale high volume (PM10) air sampler monitoring location. Approval was granted 12th April 2022. Monitoring ceased at Costa Vale on 16th May 2022.

Summary results for high volume (PM10) air samplers at Costa Vale and Roseberry (Table 2). No exceedances of dust guidelines.

Table 2: Summary High Volume air sampler (HVAS) at Costa Vale and Roseberry for 2022

| Sites | Costa Vale (4th January 2022 – 16th May 2022) | Roseberry (2022 full data set) |
|-------------------------|-----------------------------------------------------|-----------------------------------|
| No. of readings | 23 | 42 |
| No. days above criteria | 0 | 2 |
| Maximum | 23.8 | 8.0 |
| Minimum | 1.9 | 1.9 |
| Average | 8.2 | 4.8 |

The exceedances occurred on 23rd March 2022 and 22nd April 2022. The Department of Planning and Environment were notified of both exceedances and identified them as not mine related.

Water Monitoring

Ground Water

Monitoring piezometers to the south east of the void, MP7 and MP8 have increased around 3m since December 2021. Bore WB-7 300m southeast of MP7 & MP8 has also shown an increase in water level over the course of 2022. Bores WB-11 and WB-10 also located to the south of the mine have also increased by 1.64m and 0.24m respectively.

Groundwater levels to the East of the void continued to rise, with WB-6 rising by 1m, and WB3 to the North increasing by 0.18m. Water level trends in all other bores have had a slight rise due to increased rainfall.

The mine void was backfilled in December 2020 above groundwater inflow level. Remaining bores have stabilised with only a few showing slight decreases in water levels.

Surface Water

There are two Licenced Discharge Points (LDPs) nominated in the current EPL 12870, LDP11 to the south of the site, and LDP12 to the north of the site.

Wet weather discharge is where more than 38.4mm of rainfall occurs within 5 day period.

Controlled Release is where water dams at discharge points are full and actively pumped off site after quality requirements are met. Flocculation of the dams is undertaken where required remove sediment load.

Wet Weather Discharges during reporting period

There were six wet weather discharge from Dam SD3 through licenced discharge point LDP11. Water qualities were within EPA standards.

Controlled Releases during reporting period

There were eight controlled releases from SD3 through licenced discharge point LDP11. Water qualities were within EPA standards. There was one controlled release from Dam B in the 2022 reporting period.

Complaints

No community complaints have been received since last CCC meeting.

Rehabilitation

Rehabilitation of the eastern void was completed. Seeded with woodland mix of grass and tree and shrub species. Seedlings were also planted. Landform was changed to a more natural geomorphic design with rock drop structures. Some infill planting has been undertaken on the western side of the northern dump along with minor e

Other

- Mine Operational Plan (MOP) has been replaced by Rehabilitation Management Plan under new legislation by the Resource Regulator.
- Site operations still limited to bulk earth moving using dozers. Dozers are currently working on final landform of western dump.

