

Minutes of the 35th Meeting of the
Sunnyside Coal Mine Community Consultative Committee

Meeting Held: Tuesday 15th March

Venue: Namoi Valley Brickworks @ 15:30

Present: Michael Broekman [MB] (Chairperson), Andrew Raal [AR] (Superintendent - Closed Mines WHC) and Olivia Hulbert [OH] (Officer Rehabilitation & Closed Mines WHC)

Apologies: Lizzette Ferguson [LF]

Previous Minutes:

Minutes of the previous meeting were adopted as a true record on the motion and MB confirmed by AR.

November meeting was postponed due to Covid and flooding, monitoring report was distributed.

General Business:

Discussion on closure status of Sunnyside Mine and \$10 million of bond returned. Advised site is now under additional supervision (Peter Anderson – Supervisor Rehabilitation Projects).

Adjoining properties Werona and Rosmar have been sold.

Collection of tyres and toilet block has been arranged, expected to be completed by end of March. EPL will be relinquished once clean-up work has been completed.

Resource Regulator regulations have changed. MOP's (Mine Operational Plans) are being superseded by Mine Rehabilitation plans and require the submission of spatial/survey data of areas rehabilitated.

The hill and wooded area south of Sunnyside has been earmarked for biodiversity offsets for the Narrabri Extension project, as micro bats were found in the woodland. A single Koala was found south of the mine in the woodland area in December 2021 koala survey. Koala was found using IR drone

Remaining work to be undertaken at Sunnyside is the highwall drain to prevent rainfall run-on water from cascading down the void batters.

Next Meeting:

12 monthly meetings moving forward due to meeting response and site in closure. Invitations to future meetings will be mailed out as well as communicated via email.

Meeting closed at 15:55.

Sunnyside Coal Mine

Community Consultative Committee

Meeting #33

Environmental Monitoring Report

November 2020 – April 2021

Noise Monitoring

Updated noise monitoring plan to remove attended noise monitoring from Sunnyside was approved by the Department of Planning. Site activities are limited to weed treatment (spraying and slashing), seeding and minor drainage works.

Blasting

There has been no blasting during the reporting period, all site blasting has ceased.

Air Quality Monitoring

Deposited Dust

The annual averages for deposited dusts at all monitoring locations remain below the criteria of 4g/m²/month average over the reporting period. There were elevated dust levels at Ivanhoe in Dec2020. Table 1 below gives the monthly depositional dust readings at each gauge over the last two quarter.

Table 1: Quarterly depositional dust gauge readings

Month	SD1	SD3	SD4	SD5	SD6	SD7	SD8
	Ferndale	Plain View	Lilydale	Ivanhoe	Illili	Innisvale	Woodlawn
	(EPL 1)	(EPL 2)		(EPL 4)	(EPL 5)	(EPL 6)	
Nov-20	1.6	1.8	1.3	1.3	1.8	1.6	1.6
Dec-20	1.38	2.47	1.09	8.17	0.88	1.61	0.97
Jan-21	1.2	2.5	0.4	2.1	1	2.3	0.8
Feb-21	1.06	1.14	0.39	1.83	1.13	1.97	0.73
Mar-21	2.01	1.48	7.83	0.64	1.09	1.27	1.41
Apr-21	0.9	1.32	3.38	1.45	1.07	0.35	0.63
Mean	1.36	1.79	2.40	2.58	1.16	1.52	1.02

Dust PM₁₀ Data

PM₁₀ dust levels are taken every 6 days at Sunnyside. Table 2 below details each reading over the last two quarters. There were no exceedances.

Table 2: Illili PM₁₀ High Volume Air Sampler results

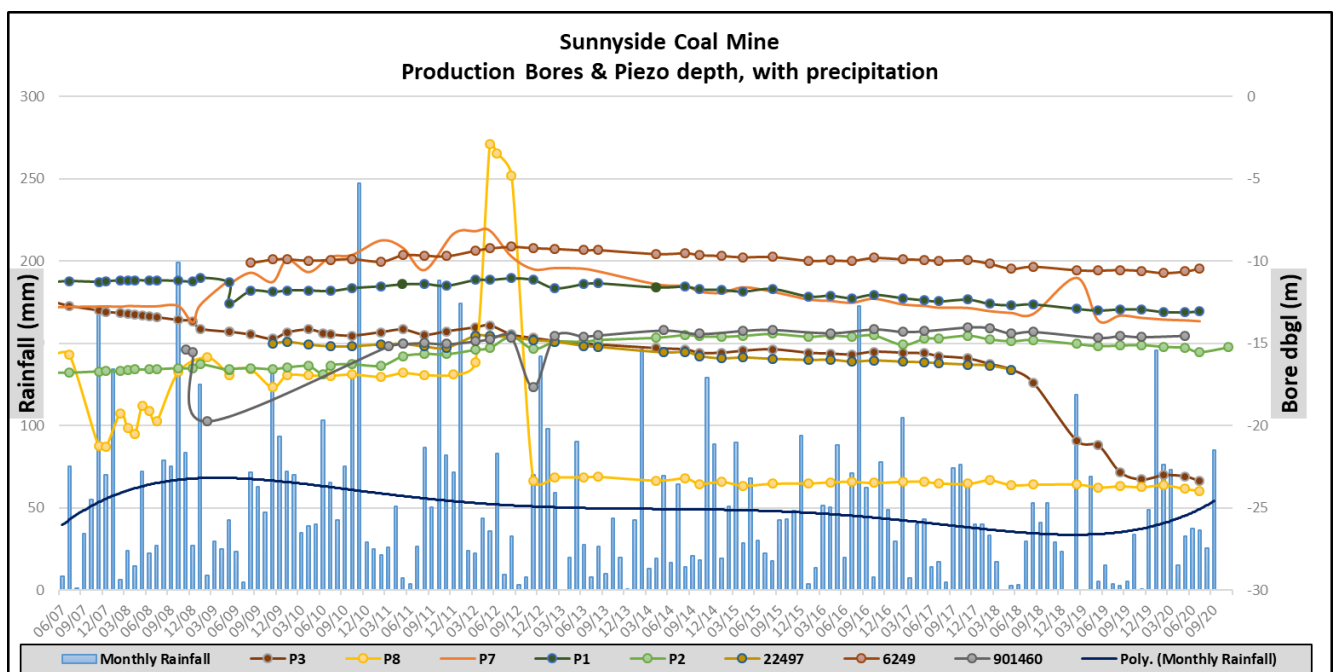
Date	µg/m ³
04-Nov-20	25.5
10-Nov-20	10.3
16-Nov-20	25.1
22-Nov-20	19.9
28-Nov-20	16.6
04-Dec-20	12.3
10-Dec-20	21.5
16-Dec-20	7.4
22-Dec-20	1.9
28-Dec-20	4.8
03-Jan-21	3.4
09-Jan-21	4.8
15-Jan-21	16.4
21-Jan-21	11.
27-Jan-21	18.7
02-Feb-21	3.3
08-Feb-21	9.9
14-Feb-21	9.4
20-Feb-21	2.9
26-Feb-21	6.8
04-Mar-21	12.5
10-Mar-21	9.
16-Mar-21	14.4
22-Mar-21	1.3
28-Mar-21	3.5
03-Apr-21	8.8
09-Apr-21	9.9
15-Apr-21	17.2
21-Apr-21	9.2
27-Apr-21	14.8

Groundwater Monitoring

Groundwater monitoring is undertaken from a range of monitoring piezometers and water bores both within and surrounding the mine site. Standing Water Level (SWL) checks are undertaken on a quarterly basis, with full water quality sampling undertaken on a 6 monthly basis.

Groundwater levels have remained stable with slight rise in sync with increased rainfall at year end Figure 8.2.2.1a & b. Piezometer P3 sits on the western edge of the pit and was impacted by drought conditions in 2019 and since has stabilised in 2020. Mine void was closed and made free draining in December 2020. P3 water levels are expected to rise.

There has been no groundwater extraction.



Surface Water

Surface water sampling of storages onsite continues to be carried out on a quarterly basis. Water stored on site is approximately 9.1ML

Complaints

No complaints have been received for the Sunnyside Coal Mine since the previous CCC meeting.

Rehabilitation

Rehabilitation undertaken since last meeting

General Rehab:

- Rehabilitation trials on coated seeds
- Seeding and planting of all rehabilitated areas
- Establishment of dump highwall drain