

Minutes of the 32^h Meeting of the Sunnyside Coal Mine Community Consultative Committee

Meeting Held: 18th November 2020

Venue: The meeting was held at Namoi Valley Brickworks with site visit to mine site 15:00

1. Present and Apologies

Present: Michael Broekman (MB) (Chairperson)
Andrew Raal (AR) (Environmental Officer- Whitehaven), Mr Wade Hudson Senior Development Officer (WH) (Gunnedah Shire Council); Liz Ferguson (LF) (Community Representative)

Apologies: Colleen Fuller Colleen Fuller (CF) (Gunnedah Shire Council Rep), Ron Fuller (RF) Community Representative, Daryl Robinson (Whitehaven Coal)z

2. Previous Minutes

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

3. Business Arising

Committee happy with mine progress towards rehabilitation and vegetation growth. LF has concerns with remaining highwall stability. AR notes that a highwall drain will be installed and no run on water will be running over the highwall edge from the south, also the high wall is rock and weathered rock which is more stable than soil. MB noted the reaming High Wall reduces the aesthetic of the area, and should look at planting vegetation on the high wall.

Discussion was held on site drainage and where water flows into the Coochoonah creek

4. Environmental Report

AR presented environmental monitoring results and records of complaints, which are include in the Environmental Monitoring Report.

Groundwater levels improved due to the Feb-March 2020 rainfall. February 2020 had high dust levels due to regional dust storms and drought conditions. Attended noise monitoring has been suspended due to lack of activity on the mine site.

5. General Business

AR recommended a follow up site visit in 12 months to view highwall stability. Bulk earthworks and rehabilitation will be completed by Mid December 2020. Only remaining works will be planting, installation of highwall drain and demobilisation of equipment.

Coochoonah original dirt road is to be reinstated and the existing bitumen road removed as it is on private property.

6. Next meeting

Next meeting scheduled for Wednesday 19th May 2021 at 3:30pm, at Namoi Valley Brickworks.

Meeting closed at 16:07

Sunnyside Coal Mine Community Consultative Committee Meeting #33

Environmental Monitoring Report February – October 2020

Noise Monitoring

Attended noise monitoring was conducted on the 9th/10th March 2020, and on 23/24/25/ June 2020. Sunnyside Coal Mine complied with the project specific noise criteria across all measurement locations and periods for the first 2 Quarters of 2020. Correspondence from the EPA stated they no longer require scheduled attended noise monitoring. Monitoring will only be on an as needs bases. Site noise management plan was updated and approved by the Department of Planning.

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 12 month period ending December 2019. There were elevated dust levels at Plain View each month of the last quarter and December showed elevated levels at Ferndale, Plain View, Lilydale, Ivanhoe and Illili dust gauges. Table 1 below shows the monthly depositional dust readings at each gauge over the last 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)	_____
Feb-20	6.2	9	2.6	6	5.6	1.1	3.7
Mar-20	1.6	1.4	0.9	1.3	1.9	1.4	0.7
Apr-20	1.4	2.2	0.9	2.5	1.1	0.8	0.7
May-20	2.4	0.9	0.8	0.8	1.7	0.3	0.5
Jun-20	0.6	2.7	0.2	0.3	0.4	0.4	0.3
Jul-20	0.3	2.1	0.3	0.3	0.4	0.5	0.4

Aug-20	0.9	1.2	0.4	0.3	0.4	0.5	0.3
Sep-20	0.4	0.9	0.6	1	5.2	0.5	0.3
Oct-20	0.6	0.9	0.5	1.2	0.9	0.4	2

Dust PM₁₀ Data

PM₁₀ dust levels are taken every 6 days at Sunnyside. Table 2 below details each reading over the last quarter. Single exceedance was on 2nd February 2020, regional dust storms.

Table 2: Quarterly Illili PM₁₀ High Volume Air Sampler

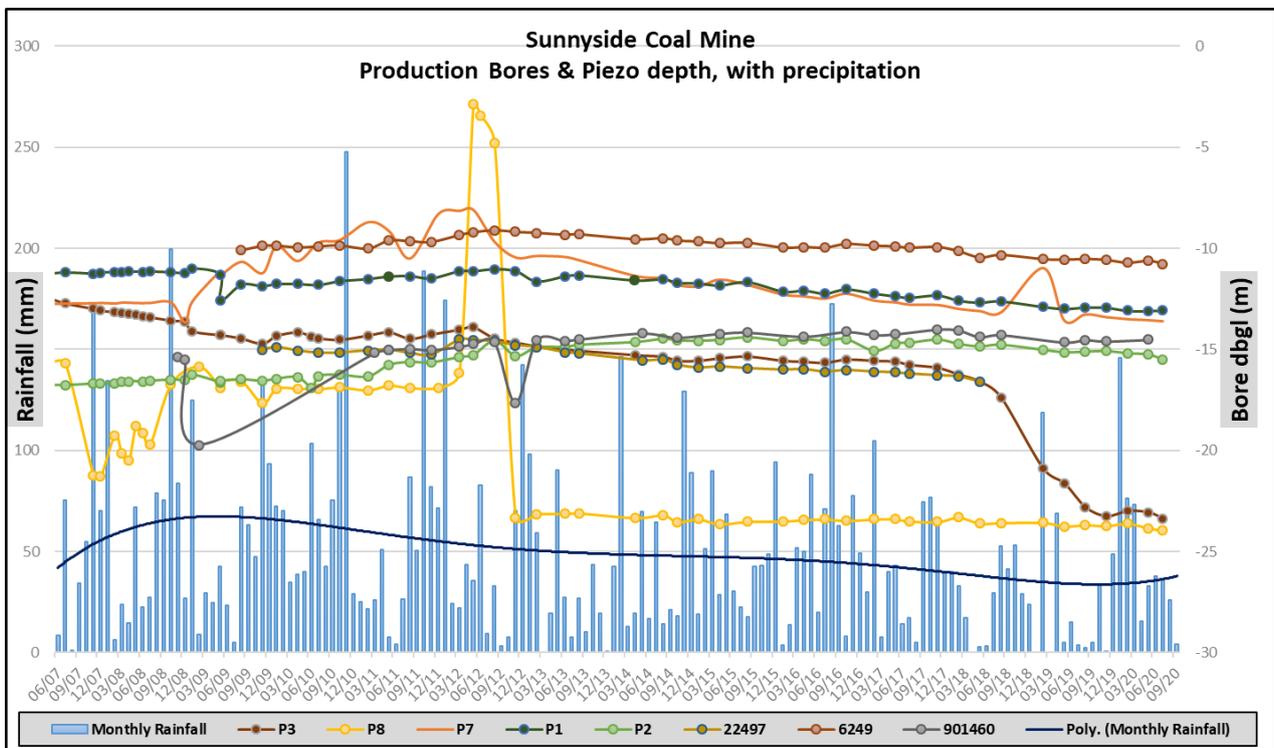
Date	mg/paper	µg/m ³
2-Feb-20	70.30	50.40
8-Feb-20	2.40	1.60
14-Feb-20	9.20	6.40
20-Feb-20	34.90	24.10
26-Feb-20	17.60	12.20
3-Mar-20	33.70	23.20
9-Mar-20	6.80	4.60
15-Mar-20	10.40	7.00
21-Mar-20	34.30	24.00
27-Mar-20	12.00	8.10
2-Apr-20	10.60	7.20
8-Apr-20	8.20	5.50
14-Apr-20	13.00	8.70
20-Apr-20	11.60	7.70
26-Apr-20	21.70	14.60
2-May-20	0.10	0.10
8-May-20	11.20	7.40
14-May-20	4.80	3.10
20-May-20	10.00	6.70
26-May-20	2.70	1.80
1-Jun-20	9.70	6.50
7-Jun-20	9.60	6.20
13-Jun-20	4.00	6.00
19-Jun-20	2.90	4.40
25-Jun-20	1.10	0.70
1-Jul-20	7.50	4.90
7-Jul-20	6.90	4.50
13-Jul-20	<0.1	<0.1
19-Jul-20	2.90	1.90
25-Jul-20	<0.1	<0.1
31-Jul-20	8.30	5.40

Date	mg/paper	µg/m ³
6-Aug-20	6.60	4.30
12-Aug-20	6.10	4.10
18-Aug-20	2.90	1.90
24-Aug-20	2.40	1.50
30-Aug-20	13.80	8.50
5-Sep-20	10.10	6.30
11-Sep-20	4.30	2.60
17-Sep-20	25.30	15.60
23-Sep-20	17.40	10.70
29-Sep-20	18.50	11.40
5-Oct-20	20.10	12.60
11-Oct-20	16.10	10.00
17-Oct-20	52.30	33.40
23-Oct-20	15.60	9.90
29-Oct-20	10.80	6.80

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. Standing water levels increased after the Feb-April 2020 rainfall. Mean drop of 0.155m since April 2020.

The Verona Bore was removed April 2020 for refurbishment, and has since been decommissioned, and generator removed.



Surface Water

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

- Removal of all infrastructure (buildings, weigh bridge, ROM pad, UG cables etc..)
- Removal bitumen road from internal mine gate to ROM pad.
- Final landform and spreading of topsoil

Planting:

- Aug 2020: 850trees on overburden dump infill planting, corejute mesh and tree guard
- 28/8/2020: 1,402 trees, koala corridors east and west area ripped, planted with matting and tree guards.
- October 2019: 13ha cover crop in void (oats/millet)