

**Minutes of the 19th Meeting of the
Sunnyside Coal Mine Community Consultative Committee**

Meeting Held: 14th October 2014

Venue: The meeting was held at the Sunnyside Coal Mine

1. Present and Apologies

Present: Mr Michael Broekman (MB) (Chairman)
Mrs Jill Johnson (JJ) (Environmental Officer - Whitehaven)
Mr Tim Muldoon (TM) (Manager Community Relations - Whitehaven)
Mr Hans Allgayer (HA) (Gunnedah Shire Council Representative)

Apologies: Nil

No advice: Mrs Liz Ferguson (LF) (Community Representative)
Mr Bruce Reid (BR) (Community Representative)
Mr Glenn Bailey (GB) (Community Representative)
Ms Brittany Riley (BR) (Community Representative)

2. Previous Minutes

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

3. Business Arising

3.1. Care and Maintenance update provided in Environmental Monitoring Report.

4. Environmental Monitoring Report

JJ presented the environmental monitoring results which are attached in the Environmental Monitoring Report.

5. Complaints

Complaints discussed in Environmental Monitoring Report

6. General Business

JJ noted that the AEMR had been provided to MB in early 2014.

MB moved a motion as the chair (seconded by HA) that the inspection of the site allowed the committee to identify that the spontaneous combustion management measures put into place are acceptable.

7. Next Meeting

Approximately 12 months time, or as required if changes or issues are identified.

Meeting closed at 3:50pm

Michael Broekman - Chairman

Sunnyside Coal Mine Community Consultative Committee Meeting #19

Environmental Monitoring Report June 2013 – September 2014

Noise Monitoring

Operational noise monitoring has not been carried out since the mine was placed into care and maintenance.

Air Quality Monitoring

Deposited Dust

Deposited dust levels for the site since the last meeting are as follows:

Month	SD1 Ferndale	SD3 Plainview	SD4 Lilydale	SD5 Ivanhoe	SD6 Illili	SD7 Innisvale	SD8 Woodlawn
June 2013	0.2	1.5	0.3	1.0	0.4	1.3	0.7
July 2013	0.2	0.2	0.4	0.2	0.2	0.4	0.9
August 2013	0.4	0.3	0.3	0.4	0.6	Damaged	0.8
September 2013	0.5	0.6	0.5	0.5	1.1	0.7	0.8
October 2013	1.7	5.6	0.6	0.7	1.3	0.6	1.0
November 2013	1.7	3.5	1.3	0.7	0.1	1.3	1.3
December 2013	1.8	2.1	2.3	1.5	1.1	1.7	0.8
January 2014	2.4	2.7	2.5	2.7	2.9	2.2	1.7
February 2014	3.2	1.3	1.3	1.7	1.6	4.0	1.3
March 2014	1.6	2.0	2.0	<0.1	7.2	1.7	1.4
April 2014	0.3	0.5	1.4	4.7	0.6	0.8	10.4
May 2014	0.7	0.7	0.6	4.0	0.6	1.0	1.4
June 2014	0.1	0.3	0.6	4.5	<0.1	1.3	1.2
July 2014	1.1	0.4	<0.1	0.4	<0.1	0.5	0.3
August 2014	1.1	<0.1	0.1	0.9	0.3	<0.1	0.2
Annual Average	1.4	1.8	1.2	2.0	1.7	1.4	1.8

Dust levels have remained compliant since the last meeting and the annual averages remain well below the criteria of 4g/m²/month.

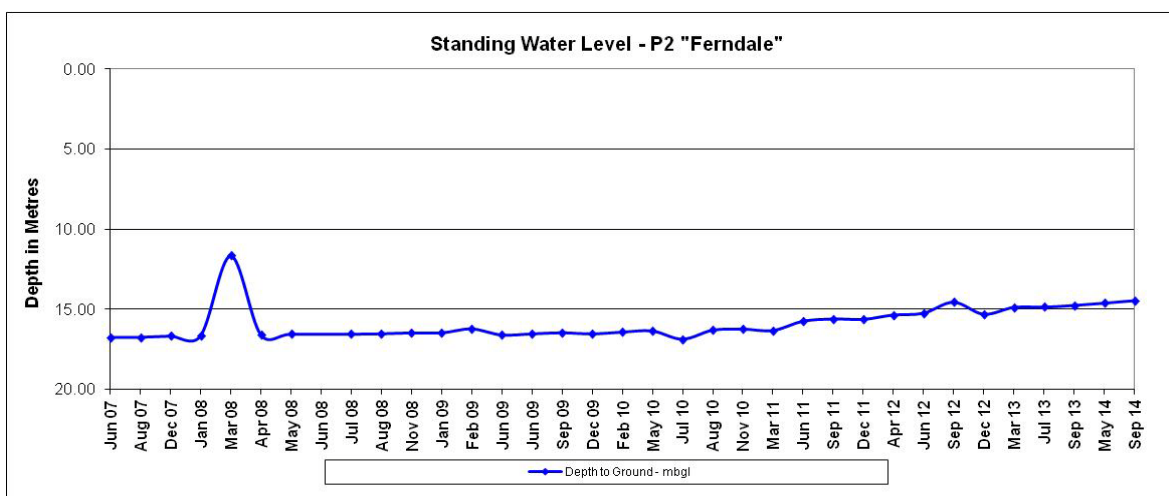
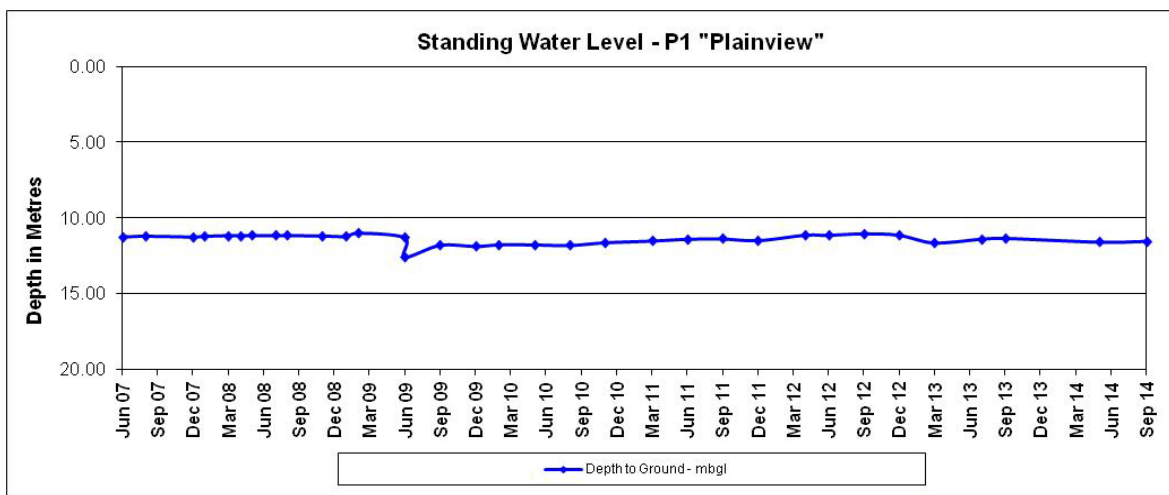
PM₁₀ Data

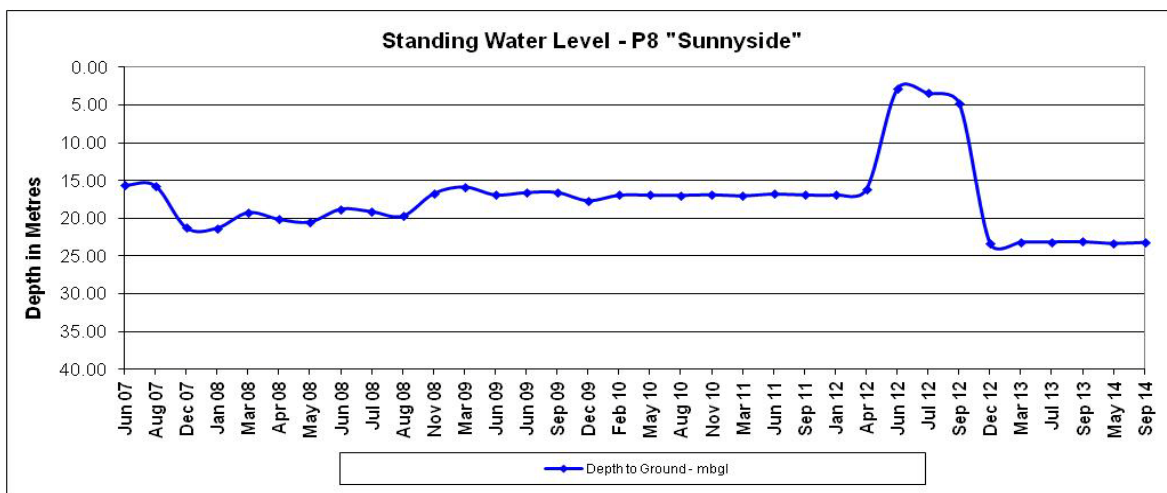
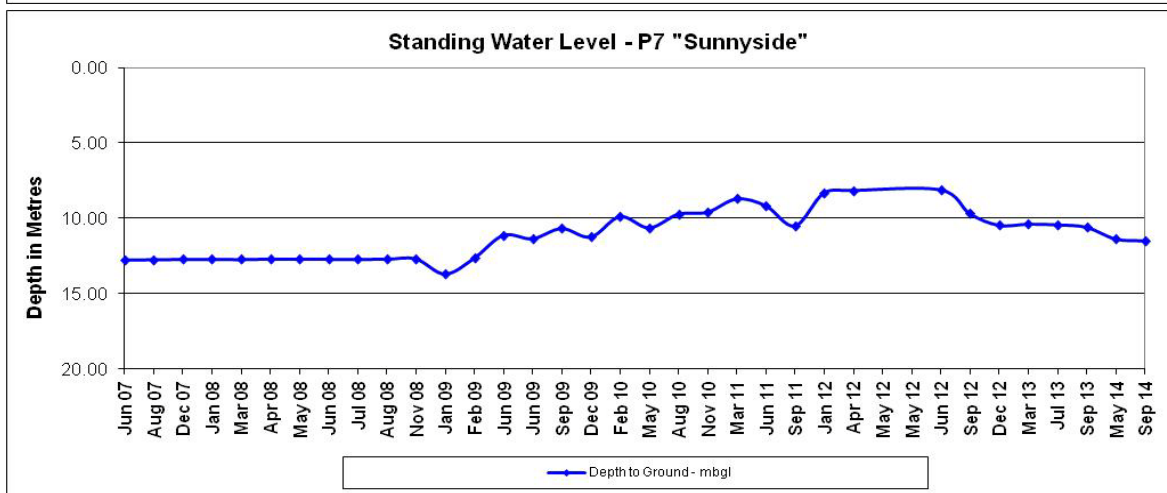
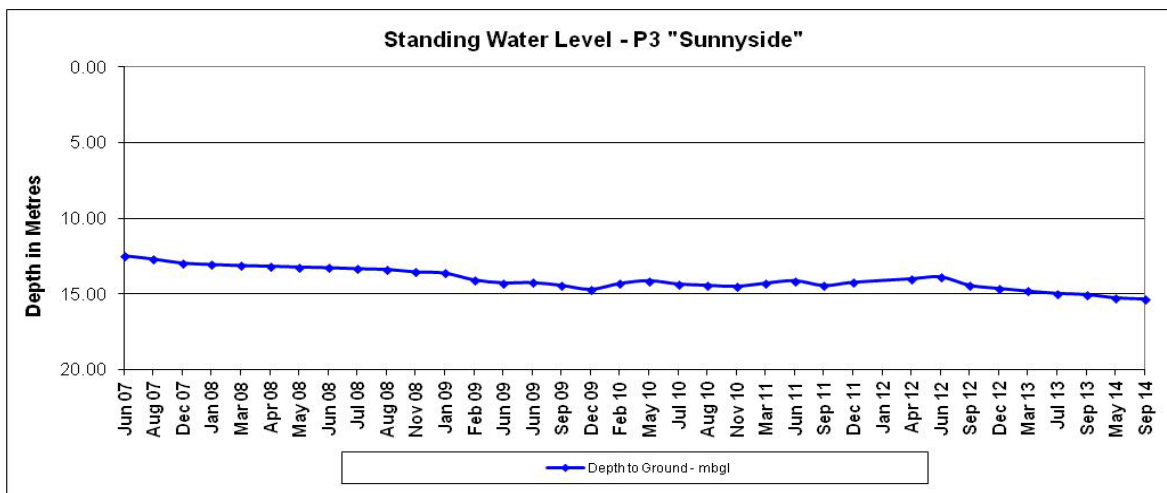
Compliance with the 24hr criterion of 50µg/m³ has been maintained during the reporting period.

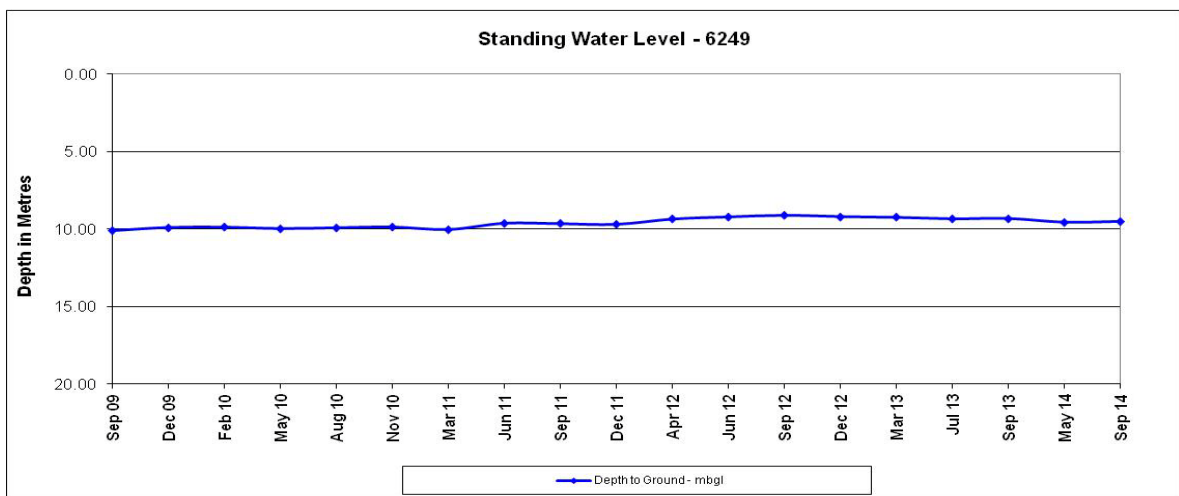
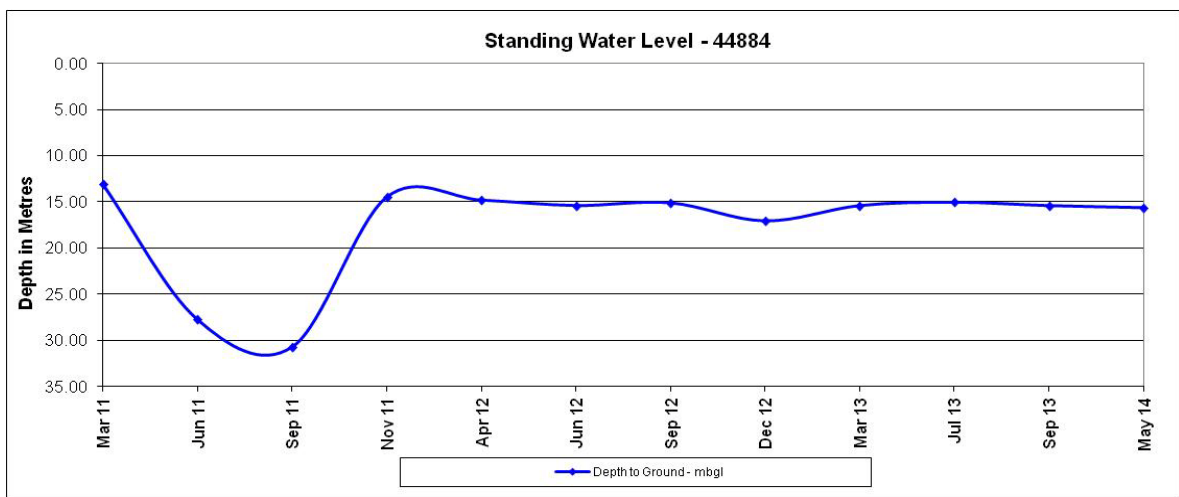
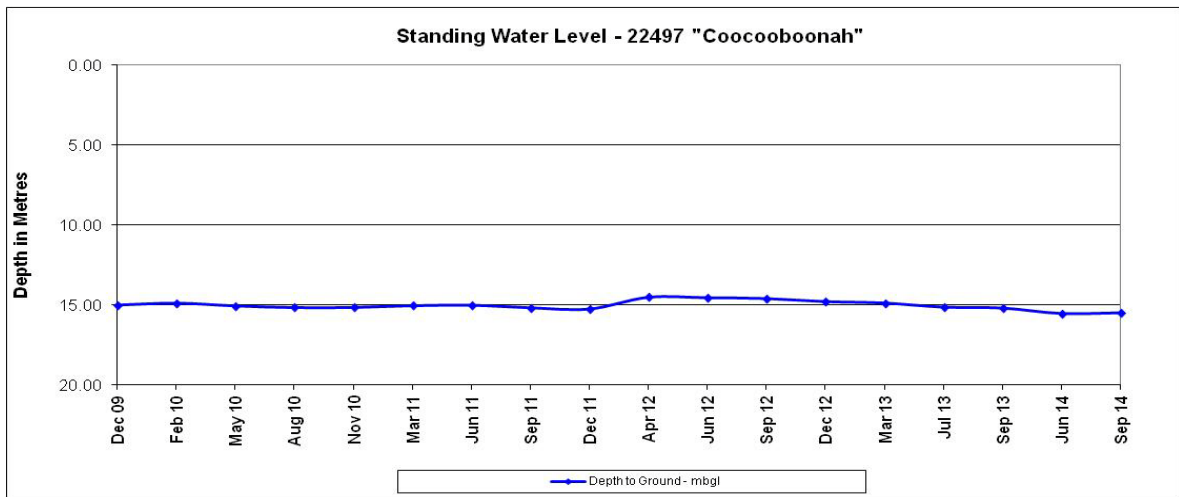
PM₁₀ measurements taken for the “Illili” High Volume Air Sampler (HVAS) are returning a running annual average of 13.75µg/m³, which is well below the annual average limit of 30µg/m³.

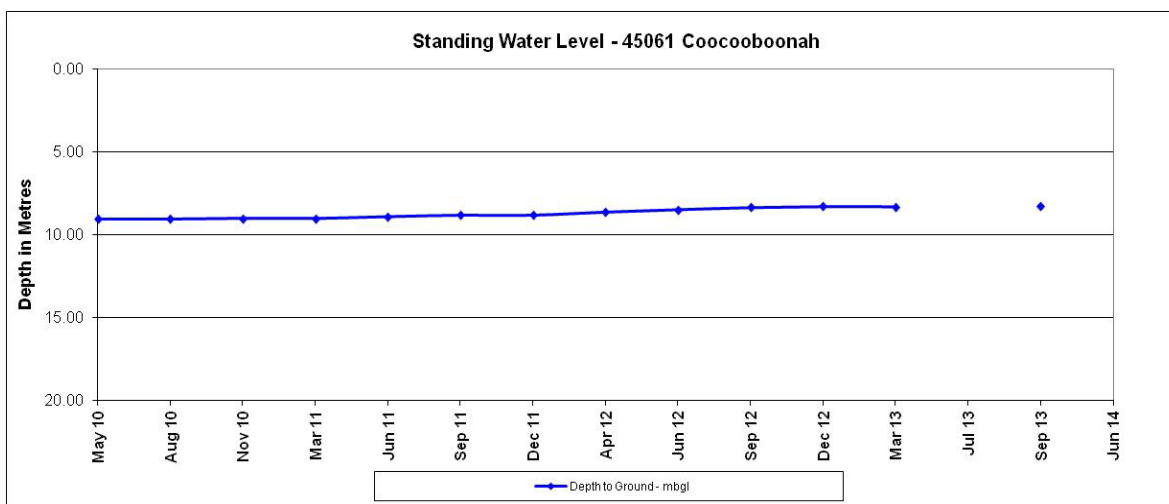
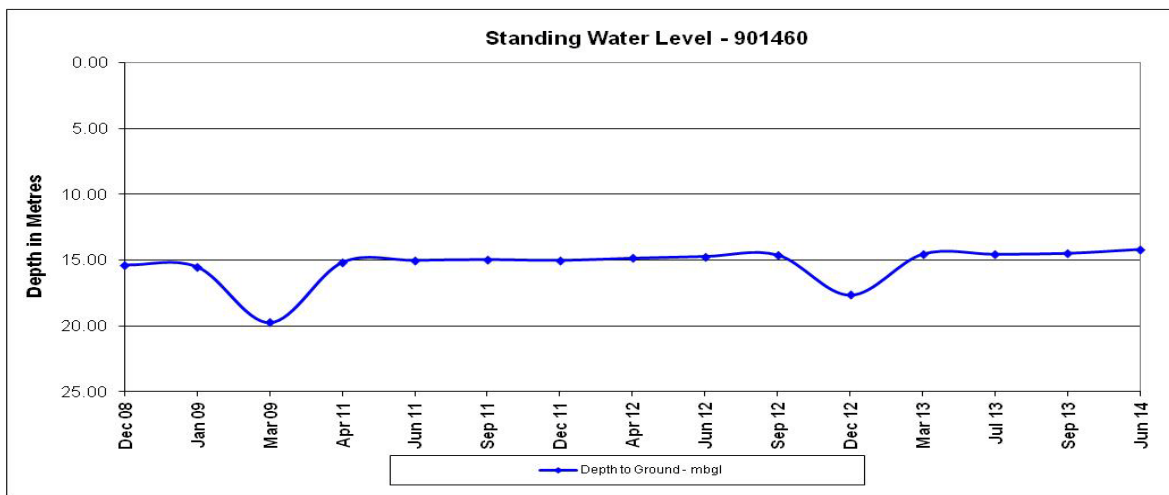
Groundwater Monitoring

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 have been relatively consistent since the last meeting at all monitoring locations.









Surface Water

Surface water sampling of storages onsite continues to be carried out on a quarterly basis. Results since the last meeting indicate consistent water quality, with the exception of May and August 2014 where elevated totals suspended solids were recorded in some dams. This was due to the water levels being very low in the dams and the samples being taken from the small amount of muddy water remaining.

No wet weather discharges occurred during the period.

Complaints

Seven complaints have been received since the last CCC meeting, all relating to spontaneous combustion and all within a two month period at the end of 2013. No complaints have been received since the spontaneous combustion management bulk earthworks were completed.

Development Consent

Whitehaven is proposing to lodge a modification application to the current consent to extend the expiry of the consent (currently 2015) by 5 years. Doing so allows Whitehaven to recommence mining operations if economic considerations improve. The modification does not propose to increase production limits or to modify the remaining mine footprint beyond what was originally approved.

Rehabilitation

Rehabilitation since the last meeting has consisted of capping of the area affected by spontaneous combustion (Plate 1). Final rehabilitation of the area (topsoil, water management, vegetation establishment) is expected to be completed following approval of the Care and Maintenance MOP.

The existing rehabilitation on the waste emplacement (Plate 2) and enhancement planting for the koala corridor (Plate 3) continues to progress well.



Plate 1 - Completed spontaneous combustion capping



Plate 2 - Vegetation establishment of the Waste Emplacement



Plate 3 – Koala Corridor