

Minutes of Sunnyside Coal Mine Community Consultation Committee

Meeting Held: Wednesday 10th March 2010 at 3:30pm

Venue: The meeting was held in the Board Room at Namoi Valley Brickworks.

Commencement Time: 3:30pm

1. Present and Apologies

Present: Mr Michael Broekman (Chairman)
Mr Bruce Reid (Community Representative)
Mr Andrew Kennedy (Community Representative)
Mr Stephen Benham (Council Representative)
Mr Danny Young (Environmental Manager)
Miss Jill Scealy (Environmental Officer)
Mr Michael Clark (Project Manager)

Apologies: Mr Tony Jones
Mr Glenn Bailey

2. Previous Minutes

Moved that the minutes of the previous meeting were a true and accurate record by Michael Clark, seconded by Stephen Benham.

3. Business Arising from Previous Minutes

3.1 First Flush Diverters – “Woodlawn”

Whitehaven organised for first flush diverters to be installed at the “Woodlawn” property immediately following the request from Bruce Reid. Bruce Reid indicated that he was unsure whether they were working or how to use them as the plumber had not provided any documentation. Whitehaven committed to providing Bruce Reid with a manual for the diverters (if available).

3.2 Water Testing – “Woodlawn”

Bruce Reid confirmed that Whitehaven had conducted water testing at the “Woodlawn” property, however he expressed

concern that a number of parameters did not have guideline levels.

Danny Young explained that the water was analysed for a number of parameters and compared to the thresholds specified in the Australian Drinking Water Guidelines 2004. The laboratory results and a copy of the relevant table from the Guidelines were provided to Bruce Reid by Whitehaven. Danny Young indicated that the Guidelines often only specify aesthetic thresholds (as health thresholds are not available).

Bruce Reid stated that even though the results did not indicate that dust from the Sunnyside operation had an impact on the water quality, he would still be seeking compensation for the expense of pumping out the tanks.

Danny Young indicated that Tony Jones (Whitehaven Community Liaison Officer) was investigating the situation.

3.3 CASA Correspondence

A copy of the correspondence from the Civil Aviation Safety Authority (CASA) regarding separation distances of aircraft from open cut blasting activities has been provided to Bruce Reid, as requested.

Andrew Kennedy made reference to the Notice to Airmen (NOTAM) system used in the Hunter Valley but confirmed that Whitehaven's current notification system is working effectively.

Michael Clark confirmed that the blasting flyrock limit is 500m (horizontally and vertically). Andrew Kennedy indicated that the exclusion zone for aircraft is separate to the flyrock zone and depends on the class of aircraft.

4. Mine Progress

An update was provided on mine progress by Project Manager, Michael Clark, with 353,520 bcm of overburden moved, 48,552 tonnes coal mined and 43,134 tonnes of coal hauled in the last three months.

The mine now has 8 full time operators (an addition of 2 operators since the last CCC meeting) and 3 contract operators (an addition of 2), operating on day shift until 5pm and afternoon shift until 10pm, 5.5 days per week.

Bruce Reid asked who the additional employees and contracts were. Michael Clark stated that the two employees are from Whitehaven's

Rocglen Mine and the two contractors are local people employed through TESA.

The Oxley Highway bus stops have been approved by Gunnedah Shire Council.

Andrew Kennedy questioned the process for selecting the location of bus stops. Danny Young indicated he believed the positioning of the bus stops would have been in consultation with Gunnedah Shire Council as part of the initial approval process and that Whitehaven has met the requirements of the condition within the Development Consent.

Andrew Kennedy stated that he had spoken with Tony Jones (Whitehaven Community Liaison Officer) and Wayne Kerr (Director Infrastructure Services – Gunnedah Shire Council) approximately 18 months ago, and at that stage it was indicated that additional bus stops would be constructed.

Michael Clark confirmed that Whitehaven does not have any further requirement to construct additional bus stops under the current Consent.

Danny Young stated that he would discuss the matter further with Tony Jones and/or Wayne Kerr to determine which bus stops they were referring to and whether any additional bus stops have been planned.

Stephen Benham suggested that RTA would likely need to be consulted on the positioning of bus stops on the Oxley Highway.

Andrew Kennedy stated that the bus stop is already signed as a bus stop and it would be a goodwill gesture from Whitehaven to upgrade the bus stop as well as the entrance to the Waterways Wildlife Park, even though the Company is not required to do so under any approval.

Andrew Kennedy noted that the recently completed intersections are working effectively.

5. Environmental Report

Danny Young provided the Environmental Monitoring Results, a copy of which is attached to these minutes.

Bruce Reid referred to the previous discussion regarding impacts from mine dust on his water supply and indicated that he believed that a similar event to that of late last year, whereby strong winds allegedly created dust lift off from the coal stockpiles at Sunnyside Mine and contaminated his water supply, may occur in the future. Bruce suggested that the wind just had to be right (“it could happen in a month or it could happen in a couple of years”) and he is wondering

whether he should request that his tanks be cleaned out periodically (annually) at Whitehaven's expense.

Bruce Reid referred to the NSW Health *Mine Dust and You* and *Rainwater Tanks* brochures that he had tabled at the previous CCC meeting and stated that he believes that mining companies had been involved in the development of the brochures. Bruce referred to the impact of mining within Australia and the local community and stated that "Gunnedah has been bought by the mines". The Committee concurred that these comments are Bruce Reid's view and are out of the control of Sunnyside Mine.

6. Complaints

No complaints have been received since the previous CCC meeting.

7. General Business

- 7.1 Michael Broekman raised concern about the impact of mining on the local business community. Michael noted that local mines (not necessarily Whitehaven owned mines) have been employing apprentices that are half way through their apprenticeship or recently finished (often in non-skilled positions). Michael believes that a community policy is needed to enable small business to continue to train apprentices with the assurance that mining companies could not lure the apprentices with lucrative wages.

Michael noted that the local TAFE had recently ceased night welding courses, thereby restricting the opportunities for local youth. He is concerned that the TAFE is not catering towards the needs of the community.

Michael suggested that advertisements for mining positions could be worded to say "tradesperson + 2 years experience" to ensure the apprentices remain at their place of employment beyond the term of their apprenticeship.

The Committee concurred that some form of action must be taken but agreed that any sort of community policy would be hard to enforce (ie. you can't prevent an individual from applying for, or being offered, a position).

Danny Young committed to discussing the issue with Whitehaven management.

8. Date for next meeting

Wednesday 9th June 2010 – 3:30pm, Namoi Valley Brickworks.
Meeting closed 4:30pm



Michael Broekman - Chairman



SUNNYSIDE COAL MINE

COMMUNITY CONSULTATIVE COMMITTEE

MEETING #5

ENVIRONMENTAL MONITORING REPORT

December 2009 – February 2010

Noise Monitoring

The noise limits applicable to operations on the Sunnyside Coal Mine, as prescribed in the Project Approval and Environment Protection Licence, are as follows:-

| Day/Evening LAeq(15 minute) | Land |
|--|---|
| 35 | Any residence on, or more than 25% of, any privately owned land, except "Lilydale". |

Impact Assessment Criteria dB(A).

Noise measurements taken since the last meeting are as tabulated below.

Attended Noise Levels – 26th November 2009 (afternoon)

| Location | Time | dB(A),Leq (15 min) | Wind speed/ direction | Identified Noise Sources as dB(A) Leq (15 min) |
|-----------------|-------------|-------------------------------|----------------------------------|---|
| Illili | 4:25 pm | 52 | 3m/s W | Wind (52), SCM inaudible |
| Ferndale | 5:05 pm | 50 | 4m/s W | Wind (50), SCM inaudible |
| Plain View | 4:05 pm | 50 | 3m/s W | Wind (50), SCM faintly audible (est. <25) |
| Lilydale | 3:46 pm | 46 | 2m/s W | Wind (46), birds & insects (35), SCM (est. <30) |
| Glendower | 4:45 pm | 51 | 3.5m/s W | Wind (51), SCM inaudible |

Attended Noise Levels – 27th November 2009 (morning)

| Location | Time | dB(A),Leq | Wind speed/ direction | Identified Noise Sources |
|-----------------|-------------|------------------|----------------------------------|---|
| Illili | 8:08 am | 48 | <0.5m/s NW | Birds & insects (48), SCM inaudible |
| Ferndale | 7:36 am | 53 | <0.5m/s NW | Traffic (53), insects (42), SCM (30) |
| Plain View | 8:30 am | 38 | <0.5m/s NW | SCM (34) birds (33), traffic (32) |
| Lilydale | 8:50 am | 44 | 1m/s NW | Birds & insects (41), SCM (40) , wind (35) |
| Glendower | 7:50 am | 49 | <0.5m/s NW | Birds & insects (49), SCM inaudible |

The results indicate that, under the operational and atmospheric conditions at the time, noise emissions from the mine exceeded the noise criterion of 35 dB(A) at the monitoring location at Lilydale during the morning of 27th November 2009. This property is mine owned.

A sound level meter was also set up in the paddock adjacent to the "Roslyn" property to determine the noise levels associated with coal haulage. The noise levels from 11 trucks (6 full and 5 empty) passing the site were measured between 4.25 pm and 5.25 pm on Thursday 26th November 2009.

The weighted average noise level for each truck was 65.1 dB(A) Leq (passby) for an average duration of 25 seconds. Over the approximate 1 hour monitoring period this equates to a measured Leq of 52.7 dB(A). This correlates well with earlier measurements and calculations made at the site which determined that up to 10 vehicle movements per hour could pass the

residence before the day time noise criterion for a local road of 55 dB(A) Leq (1 hour) is exceeded.

Noise monitoring results from the monitoring conducted in February 2010 will be provided at the next CCC meeting.

Air Quality Monitoring

Deposited Dust

Deposited dust levels for the site for the last 12 months are shown in the following table and figure.

Sunnyside Mine – Deposited Dust

| Month | SD1 Ferndale | SD3 Plainview | SD4 Lilydale | SD5 Ivanhoe | SD6 Illili | SD7 Innisvale |
|-----------------------|-------------------------|--------------------------|-------------------------|------------------------|-------------------|--------------------------|
| February 2009 | 1.4 | 3.2 | 2.2 | 6.5 | 1.3 | 1.8 |
| March 2009 | 2.5 | 2.5 | 1.1 | 9.8 | 3.5 | 1.3 |
| April 2009 | 0.8 | 4.2 | 0.9 | 9.5 | 0.9 | 1.0 |
| May 2009 | 1.4 | 1.4 | 1.0 | 1.0 | 0.8 | 1.1 |
| June 2009 | 0.3 | 0.5 | 0.1 | 0.4 | 0.2 | 1.0 |
| July 2009 | 0.4 | 0.5 | 0.5 | 2.1 | 0.6 | 0.7 |
| August 2009 | 1.8 | 1.3 | 1.2 | 32.6 | 4.0 | 0.8 |
| September 2009 | 9.7 | 39.9 | 6.8 | 12.2 | 15.0 | 6.9 |
| October 2009 | 3.7 | 12.2 | 1.9 | 3.2 | 10.0 | 2.3 |
| November 2009 | 0.6 | 25.7 | 1.5 | 3.0 | 0.9 | 1.5 |
| December 2009 | 1.2 | 1.4 | 1.6 | 1.9 | 1.1 | 1.0 |
| January 2010 | 1.8 | 7.9 | 3.0 | 1.9 | 1.7 | 1.6 |
| Annual Average | 2.1 | 8.4 | 1.8 | 7.0 | 3.3 | 1.8 |

Deposited dust levels have generally remained at consistently low levels over the last 3 months with the exception of SD3 – “Plainview”. It is believed that the elevated dust level at “Plainview” is a result of sample contamination (bird droppings, insects, plant material) rather than impacts from mining operations.

The annual average for all sites remains below 4g/m²/month for all sites except “Plainview” and “Ivanhoe”. The annual average for “Plainview” has been affected by the dry, dusty weather conditions in late 2009 and the recent contamination issues with outlier results skewing the overall average. Relatively low dust levels at “Ivanhoe” during the last 4 months has seen the annual average reduce from 9.2 g/m²/month to 7.0 g/m²/month since the last CCC meeting. Again, outlier results at this monitor has skewed the overall average.

PM₁₀ Data

The 24hr criterion of 50µg/m³ was breached at the both monitor locations during the period 8th - 14th December 2009, as follows:

| Date | Illili | Lilydale |
|--------------------------------|-----------------------|----------------------|
| 8 th December 2009 | 109 µg/m ³ | 70 µg/m ³ |
| 14 th December 2009 | 67 µg/m ³ | compliant |

Review of other PM₁₀ units operated by Whitehaven confirmed a general spike in PM₁₀ concentrations on these days and coincided with bushfires in the region producing significant smoke haze. It is also noteworthy that the PM₁₀ unit in Tamworth operated by the DECCW experienced an increase in PM₁₀ over the period 8th – 14th December with PM₁₀ levels ranging from 24 µg/m³ to 325 µg/m³, which indicates general regional conditions were responsible for the higher concentrations recorded at the “Illili” and “Lilydale” monitors. The exceedances were referred to DoP and DECCW.

PM₁₀ measurements taken to date for the “Illili” High Volume Air Sampler are returning a running annual average of 20.76µg/m³, which is well below the annual average limit of 30µg/m³. The highest reading from this sampler is 109 µg/m³ (8th December 2009).

PM₁₀ measurements taken to date for the Lilydale High Volume Air Sampler are returning a running annual average of 15.95µg/m³ which is well below the annual average limit of 30µg/m³. The highest reading from this sampler was 70 µg/m³, also measured on 8th December 2009.

Blast Monitoring

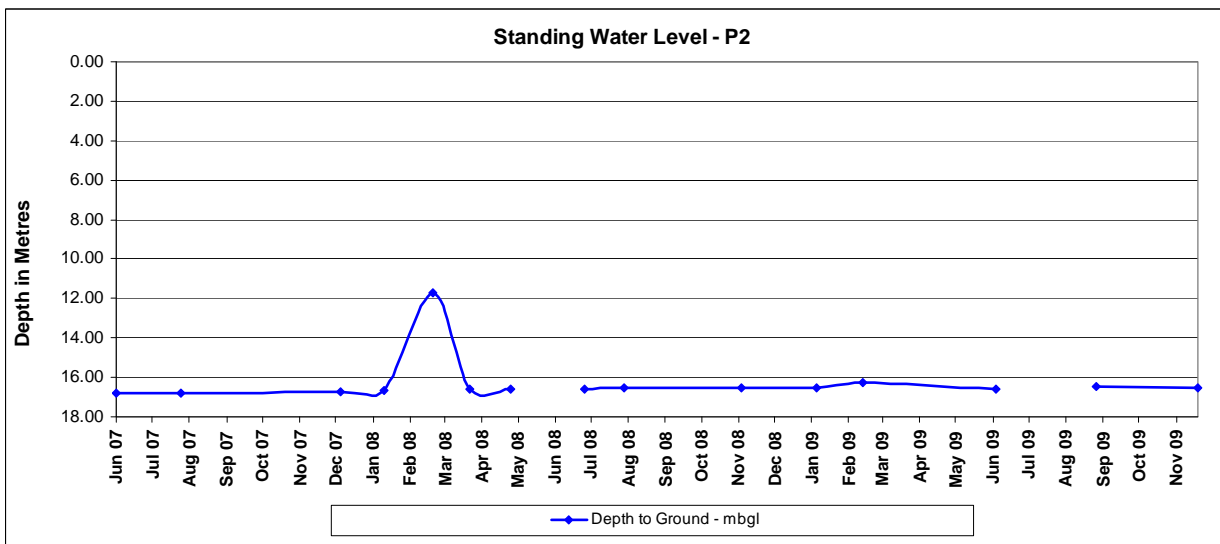
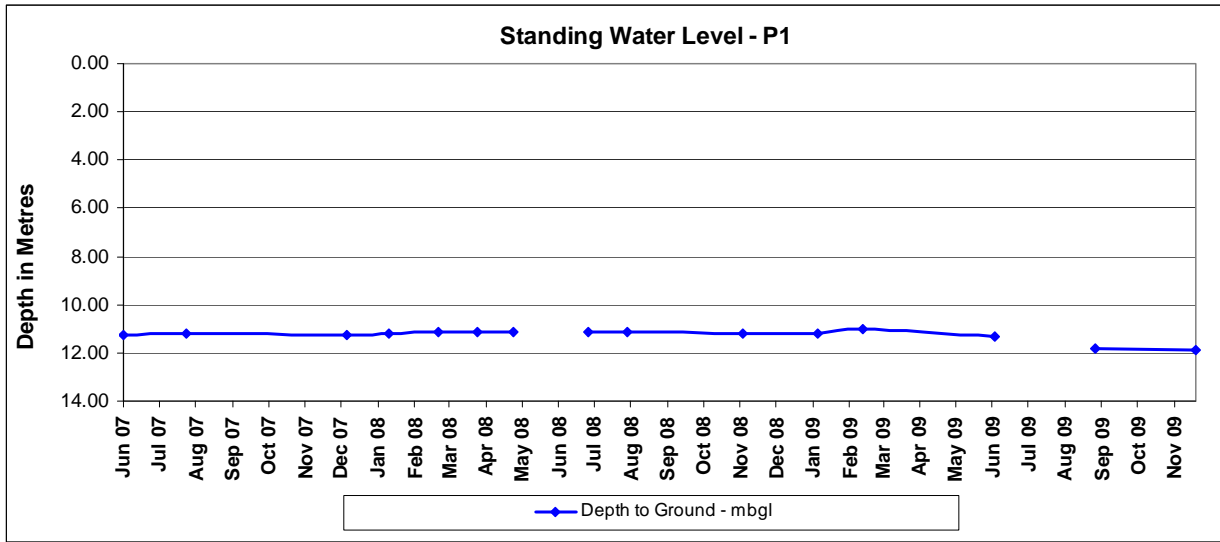
Since the first shot there have been 13 blasts. All blasts during this report period have been compliant within the limits of 115dBL and 5mm/s.

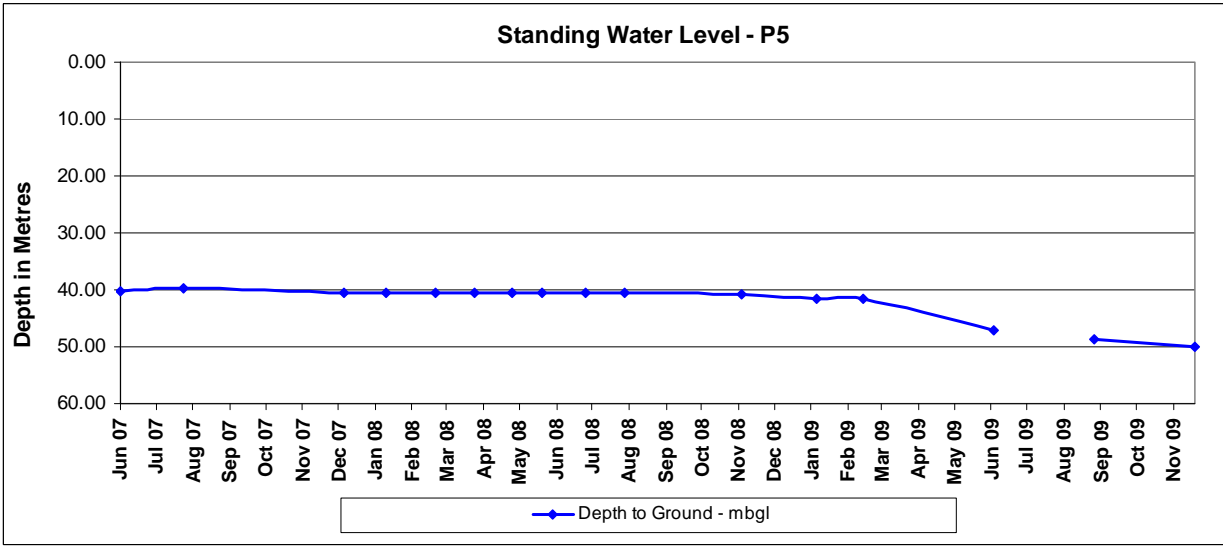
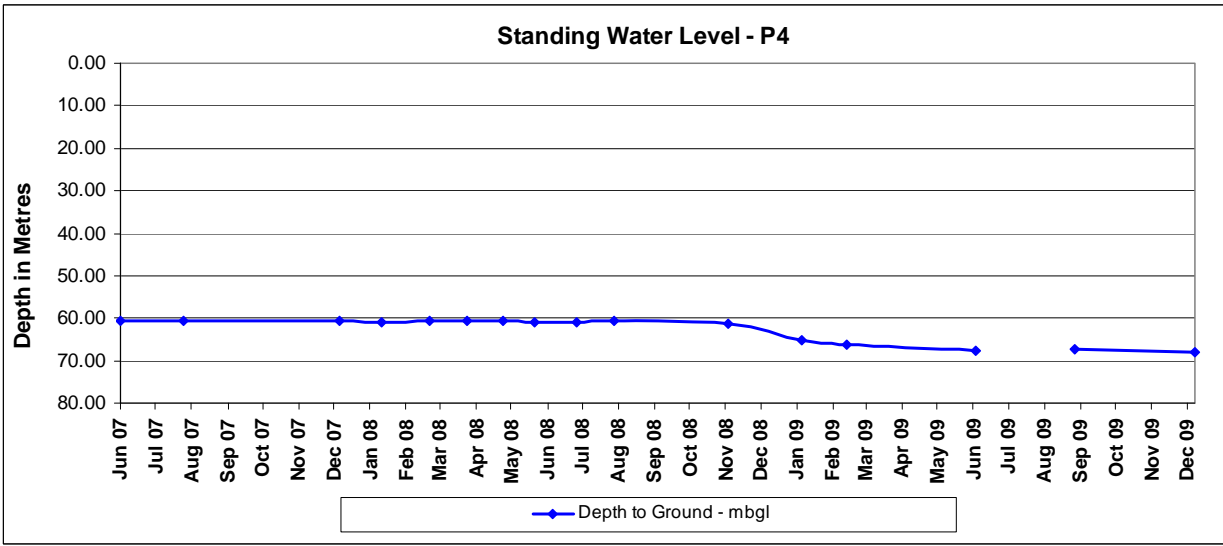
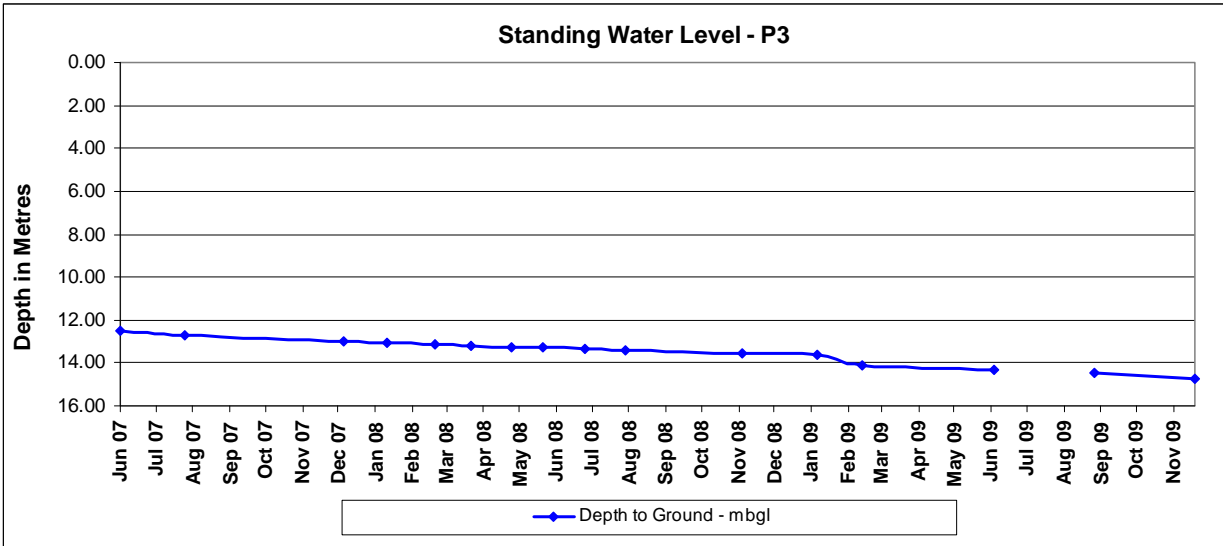
To date, the highest overpressure recorded is 114.1 dBL recorded at “Illili” on the 18th December 2009. The highest ground vibration recorded is 1.24mm/s recorded at “Illili” on the 28th November 2008.

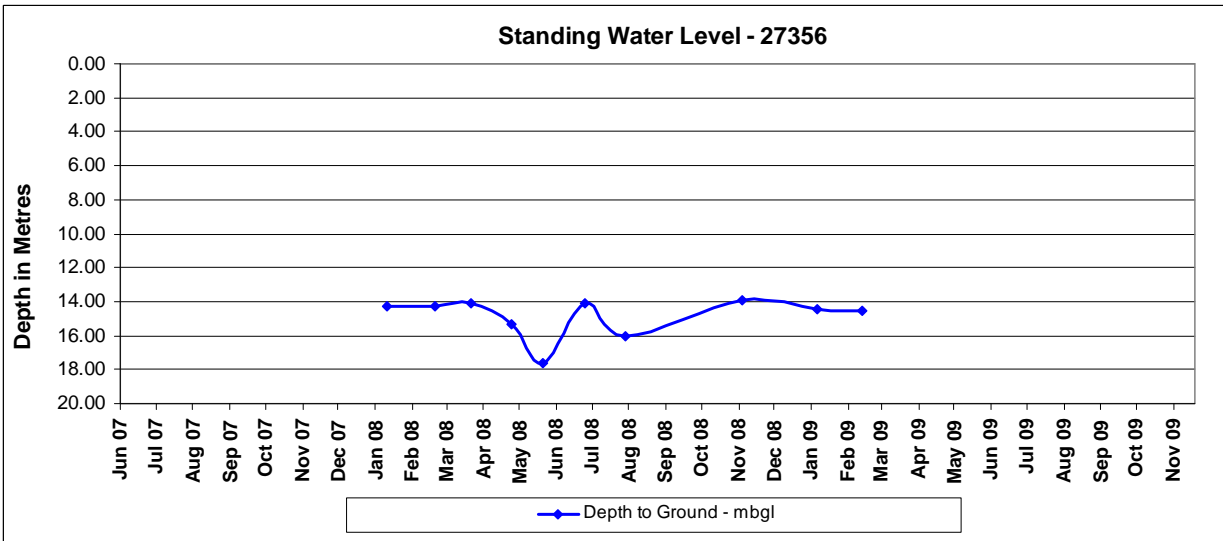
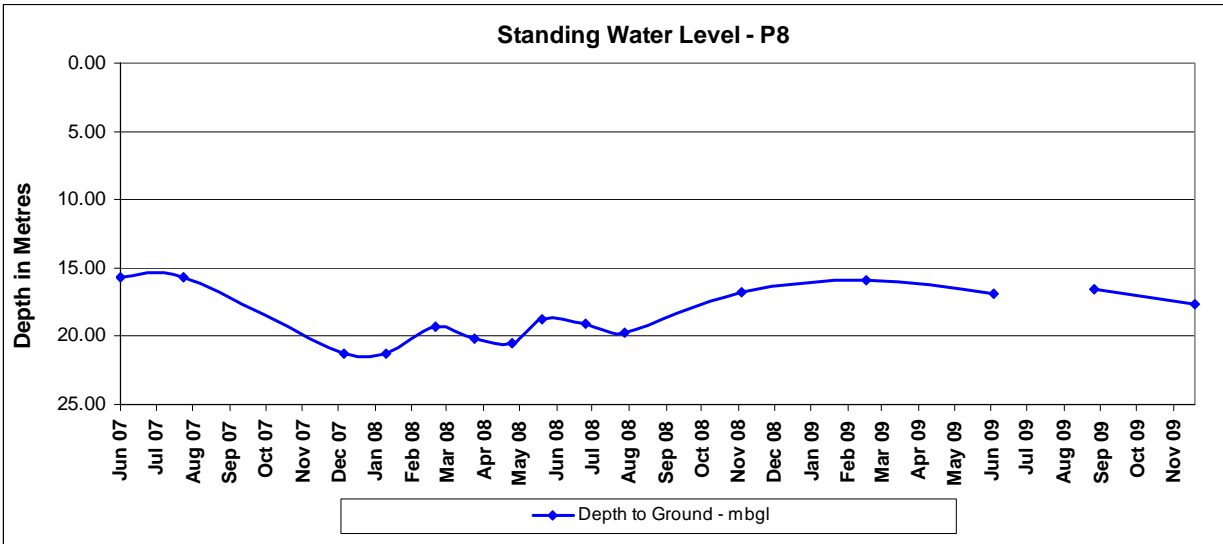
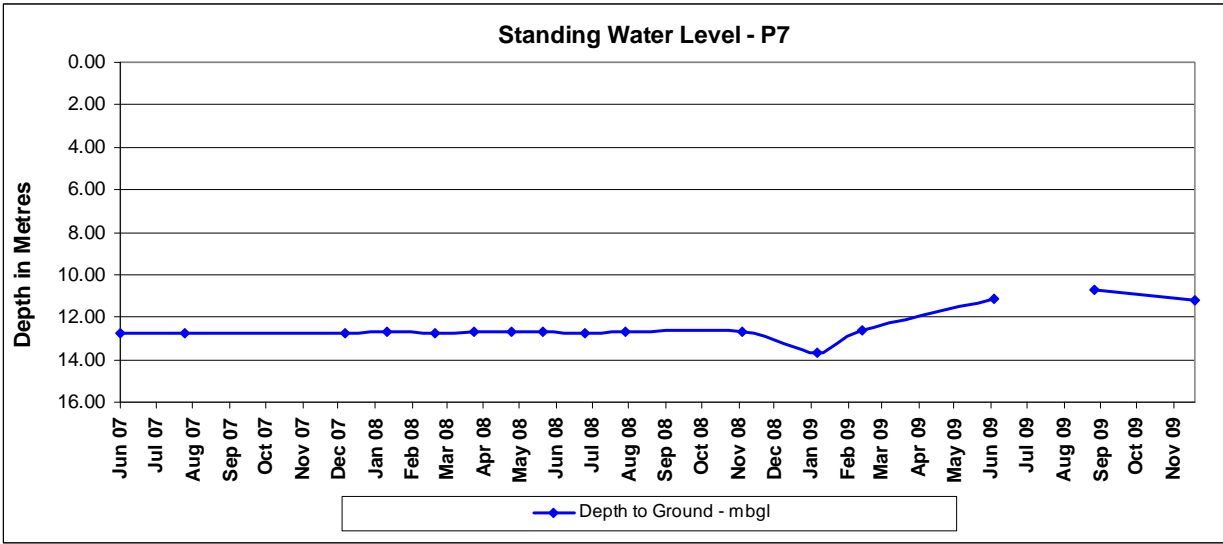
Groundwater Monitoring

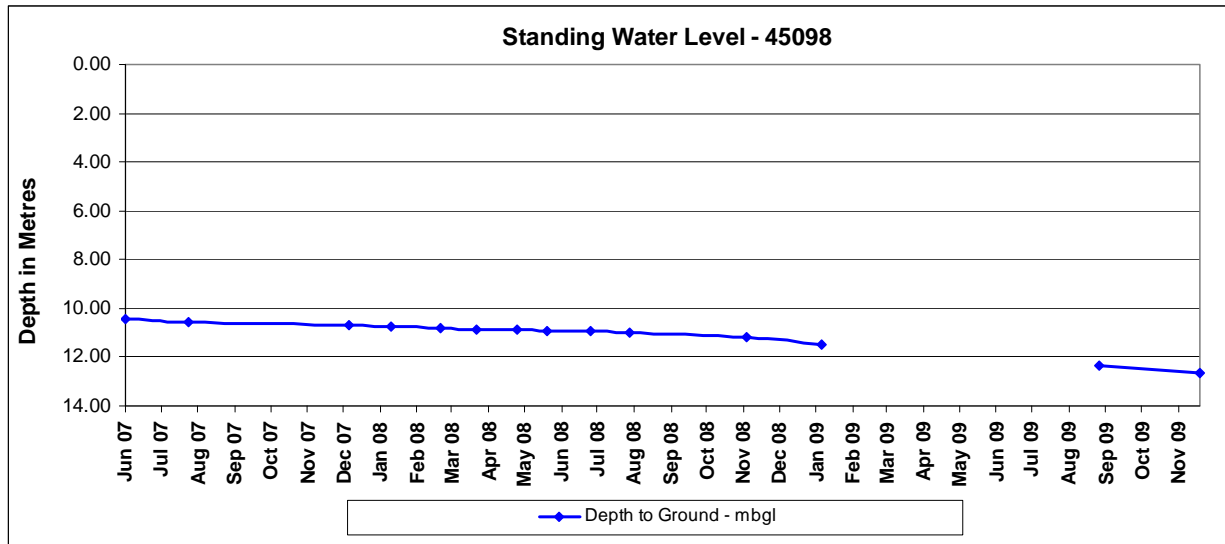
Groundwater monitoring is undertaken from a range of monitoring piezometers and water bores both within and surrounding the mine site. Standing Water Level checks are undertaken on a quarterly basis, with full water quality sampling to be undertaken on a 6 monthly basis. Monitoring results to date for Standing Water Level are shown below (no change from last CCC

report). The next round of monitoring is expected to be conducted in the coming weeks. Results from this monitoring will be provided at the next CCC meeting.









As discussed in the previous CCC report, results to date indicate minor variability in groundwater levels with no significant trend applicable at this early stage of the mine life. The slight drop in SWL associated with some monitoring sites is likely attributable to dry conditions in late 2009 rather than operations at the mine as the mine workings have intersected very little groundwater. Groundwater seepage into the pit is still minimal. Ongoing data collection will provide for longer term analysis of groundwater impact.

Surface Water

No wet weather discharge events have occurred since the last CCC meeting.

Complaints

No complaints have been received since the last CCC meeting.

The complaints line number is: **0427 106 384.**

Rehabilitation

Construction of the northern amenity bund has been finalised with the bund seeded to cover crop.

Minutes of Sunnyside Coal Mine Community Consultation Committee

Meeting Held: Wednesday 9th June 2010 at 3:30pm

Venue: The meeting was held in the Board Room at Namoi Valley Brickworks.

Commencement Time: 3:30pm

Note – the meeting was recorded via dictaphone by Bruce Reid.

1. Present and Apologies

Present: Mr Michael Broekman (MB) (Chairman)
Mr Bruce Reid (BR) (Community Representative)
Mr Andrew Kennedy (AK) (Community Representative)
Mr Glenn Bailey (GB) (Community Representative)
Mr Stephen Benham (SB) (Council Representative)
Mr Danny Young (DY) (Environmental Manager)
Miss Jill Scealy (JS) (Environmental Officer)
Mr Michael Clark (MC) (Project Manager)
Mrs Vivienne Rooke (VR) (Guest – Bruce Reid's daughter)

Apologies: Mr Tim Muldoon

2. Previous Minutes

Moved that the minutes of the previous meeting were a true and accurate record by Bruce Reid, seconded by Michael Clark.

3. Business Arising from Previous Minutes

3.1 First Flush Diverters – “Woodlawn”

BR requested at the previous meeting that Whitehaven supply instructions for the first flush diverters installed at his property. Available information about the diverters provided to BR.

3.2 Payment for tank cleanout – “Woodlawn”

DY asked BR if Tony Jones (Whitehaven Community Liaison Officer) had arranged payment for the clean-out of water tanks at the “Woodlawn” property. BR noted that Tony Jones had resigned and the payment had not been made. DY stated that Tony Jones is currently on annual leave and would continue to

work approximately 2 days per week on his return. DY noted that Tim Muldoon is now Whitehaven's full time Community Liaison Officer and is based at Whitehaven's CHPP. Bruce Reid agreed that he would contact Tim Muldoon or Tony Jones to discuss. VR commented that they weren't looking for much compensation ("only a couple of thousand dollars"). DY provided contact details for Tim Muldoon and Tony Jones.

3.3 Additional bus stops

DY stated that he had discussed the Committee's request for additional bus stops (on Oxley Highway) with Whitehaven's GM – Technical Services, Brian Cullen. He explained that Sunnyside has addressed the requirements of the Consent and that no further bus stops are required to be constructed.

DY suggested that the Committee needs to decide whether construction of additional bus stops is applicable to the Committee and, if so, they should approach the Council/RTA with a request.

AK reiterated (from comments made at the previous CCC meeting) that the Council had failed to consult residents about the increased traffic movements proposed during the planning stage of the mine.

DY indicated that the best approach would be for the individuals concerned, or the CCC, to approach Council/RTA for support regarding additional bus stops. If the Council/RTA supports the idea, the individuals or CCC would need to approach Whitehaven for possible funding. DY stated that he could not commit to Whitehaven funding the work.

GB noted that the bus stops on Blackjack Road (in particular the one on the corner of Blackjack Road and the Oxley Highway) require upgrades as the bus is required to pull off on the road shoulder which currently has a substantial drop off.

MC stated that the bus stops, and road shoulders on Blackjack Road south of the Oxley highway intersection are not related to coal haulage from Sunnyside Mine.

The Committee moved the following two motions:

1. The Committee shall write a letter to Council requesting a review of the provision of bus stops along the Sunnyside haul route as well as consideration for an upgrade to the Waterways Wildlife Park entrance. Moved by GB, seconded by AK.

2. The Committee shall write a letter to Council requesting consideration of improvements to bus stops along Blackjack Road (ie. upgrades to the road shoulder), specifically the bus stop area near the Blackjack Road/Oxley Highway intersection. Moved by GB, seconded by AK.

The letters shall be drafted by Whitehaven on behalf of the Committee and emailed to MB, GB, AK and SB for review. A copy of the letter will be posted to BR.

SB stated that he had investigated AK's claims from the previous CCC meeting that residents had not been consulted regarding placement of bus stops. He noted that Council did contact residents and that AK's property had bus stop access on Quia Road.

AK stated that his main reason for joining the Sunnyside CCC was based on the bus stop issue.

3.4 Employment policies

The issue of local mining companies employing apprentices from small businesses was raised by MB at the previous CCC meeting. DY stated that he had discussed Michael's concerns with Brian Cullen, Whitehaven's GM – Technical Services. DY noted that it is a difficult issue as Whitehaven cannot exclude candidates based on their current employment as it would be discriminatory. DY commented that Whitehaven understand the issues faced by small business as Whitehaven itself had been subject to the loss of personnel to other mining companies. DY also noted that Whitehaven focuses on cadetships for tertiary students for technical positions such as geologists, environmental staff and engineers.

MB stated that he had been in discussions with the Gunnedah TAFE representative Therese. MB indicated that Therese is focussed on skill shortages and is looking at more skill related courses in 2011. MB praised Therese's efforts but was not sure if she would be provided with the necessary support.

MB plans to submit an application for the community funding that Shenhua is currently advertising. He will propose that funding be provided to local business to subsidise some of the expenses associated with training apprentices.

AK asked if there was any scope for Whitehaven to extend funding for cadetships to include apprentices. The Committee discussed how this could work (ie. would Whitehaven pay to

train other businesses' apprentices?) and MB provided the example of BHP's tertiary education funding project whereby students are provided with funds to study but are not tied to BHP in any way. MB suggested that something similar to this for apprentices could be an option.

BR asked VR about her experiences with recruitment with mining in Mudgee. VR noted that Theiss are guilty of the same situation. VR commented on the difficulties with employing local people and that they are running out of people to employ locally and are looking farther afield.

4. Mine Progress

MC provided an update on the mine progress. During the last 3 months 635,796 bcm of overburden has been moved, 119,066 tonnes of coal has been mined and 92,415 tonnes of coal has been transported from the site.

The mine now has 13 employees (10 operators, 1 fitter and 2 management personnel) as well as 3 contract operators and various other contractors. Lost Time Injury (LTI) free days now totals 567 days with nil safety issues to report.

One shot has been fired since the last meeting with nil exceedances recorded. Noise monitoring has confirmed exceedances as discussed further in the Environment Monitoring Report.

VR asked which way the pit is moving. MC indicated that the pit is moving south towards the highway and then west.

VR asked why noise monitoring is not conducted at "Woodlawn" because the noise is getting worse.

BR stated that Peter Stubbs of "Glendower" had commented on the noise from the mine. BR indicated the Mr Stubbs was not concerned about the noise during the day but it is noticeable at night time.

MC stated that noise monitoring is currently being conducted at "Glendower" and there have been no exceedances recently.

VR is concerned that BR will not be living at "Woodlawn" forever and at some stage they will need to lease it out.

DY indicated that if they are concerned about the noise impacts at "Woodlawn" then the property can be included for sampling at the next round of noise monitoring to identify the noise levels as compared to compliance criteria.

VR questioned how much coal has been produced over 12 months. MC stated that approximately 250,000 tonnes had been produced. VR questioned how much coal would be produced over the next 12 months and following 12 months. MC indicated that approximately 480,000 tonnes per year would be produced over the next 2 years. MC also noted that Sunnyside's consent allows for the production of 1 million tonnes per year.

VR asked whether the truck movements would double based on a doubling of production. MC indicated that truck movements would be similar to the movements that have been occurring over the past few months.

GB asked if MC believed the mine would ever produce 1 million tonnes per year. MC stated that he is not in the position to determine whether this will occur but in his personal opinion he doesn't believe it will.

5. Environmental Report

DY provided the Environmental Monitoring Results, a copy of which is attached to these minutes.

VR asked how the mine determines where dust monitoring occurs. DY indicated that monitoring locations are determined during the background assessments conducted as part of the Environmental Assessment process and that monitoring locations are specified in the mine's Environment Protection Licence.

VR asked if dust monitoring can be conducted at "Woodlawn" to which DY suggested a deposited dust monitor could be located on "Woodlawn" if they were concerned by deposited dust from the mine.

VR stated that she was only a sporadic visitor to the area however she has noticed that the water at "Woodlawn" is dirty when it never used to be. JS asked whether the water was still dirty following the installation of first flush diverters by Whitehaven. VR said that the water was ok this time but she doesn't know about the dams. VR noted that the dams are brown but she knows nothing about farming.

AK questioned the noise monitoring locations (ie. how close to a residence) and criteria. DY stated that the criteria is set by the Department and monitoring is required within 30m of the residences.

AK stated that the noise criteria of 35dBA is very strict. Members of the Committee supported this statement by noting that other noise sources (ie. insects, barking dogs etc) are often higher than 35dBA.

GB asked why the SWL graphs show a gap in the trend line between June 09 and September 09. DY committed to investigating why the gap

was there and suggested that possibly water quality analysis was conducted at a time when SWL were not recorded.

VR requested that Whitehaven plant a row of trees on the boundary of the "Woodlawn" and "Plainview" properties to obstruct the view of the mine (in particular lights at night) from the "Woodlawn" residence. MC asked when the lights were directed at the residence and VR indicated that it was around Easter time. MC stated that the waste dump is now moving in a westerly direction and the lighting plants are pointed in a south-westerly and north-westerly direction so they are facing away from "Woodlawn". BR stated that there are no lights pointing directly at the house but the lights are visible. DY stated planting trees will not be effective as the expected mine life is only five years. Therefore, the mine will be in closure before the trees have grown a sufficient amount to provide a visual screen.

GB questioned whether the Landscape Management Plan (LMP) will be made available at a CCC meeting. DY stated that it can be and GB asked whether the LMP will be a public document that can be reviewed by the CCC. DY indicated that the document will not be reviewed by the CCC but will be reviewed and approved by the Department of Planning. JS stated that plans and reports are available on the Whitehaven website.

BR stated that he had noticed a pipeline running around the hill within the mine site. MC and DY confirmed that what BR can see is actually a mesh and colourbond koala fence. GB asked if the fence will be removed at the end of mine life. DY indicated that it will be.

AK referred to MC's previous statement that when the mine increases to 480,000 tonnes per year production the road movements will be similar to the traffic over the last few months. AK asked will the coal be stockpiled and then hauled in campaigns as it has been in the past. MC said the coal will be hauled on a more consistent basis. MC explained that until recently there have been gaps between coal and overburden but now they are more consistently mining coal.

AK asked how many loads are currently being transported. MC indicated that approximately 55 loads per day were being hauled (this was noted by MC as a rough estimation). VR asked if this was each way and MC confirmed that 55 loads per day totals 110 movements.

6. Complaints

No complaints have been received via the complaints line or Whitehaven personnel since the last CCC meeting.

SB raised a formal complaint on behalf of an undisclosed complainant regarding the Toll truck cornering too fast at the Coocooboonah

Lane/Oxley Highway intersection and crossing over from the dedicated acceleration/merging lane into the highway lane. DY indicated that the matter would be referred to Toll to ensure drivers are aware of their requirements.

7. General Business

7.1 Nil

8. Date for next meeting

Wednesday 8th September 2010 – 3:00pm, Namoi Valley Brickworks.
Site tour to be conducted following the meeting.

Meeting closed 4:30pm



Michael Broekman - Chairman



SUNNYSIDE COAL MINE

COMMUNITY CONSULTATIVE COMMITTEE

MEETING #6

ENVIRONMENTAL MONITORING REPORT

March 2010 – May 2010

Noise Monitoring

The noise limits applicable to operations on the Sunnyside Coal Mine, as prescribed in the Project Approval and Environment Protection Licence, are as follows:-

| Day/Evening LAeq(15 minute) | Land |
|--|---|
| 35 | Any residence on, or more than 25% of, any privately owned land, except "Lilydale". |

Impact Assessment Criteria dB(A).

Noise measurements taken since the last meeting are as tabulated below.

Attended Noise Levels – 23rd February 2010 (morning)

| Location | Time | dB(A),Leq (15 min) | Wind speed/ direction | Identified Noise Sources as dB(A) Leq (15 min) |
|-----------------|-------------|-------------------------------|----------------------------------|---|
| Illili | 7:24am | 37 | 2m/s NE | Insects (35), Traffic (30), SCM (30) |
| Ferndale | 7:07am | 49 | 2m/s NE | Insects (49), SCM inaudible |
| Plain View | 8:05am | 45 | 2m/s NE | Insects (44), SCM (35) |
| Lilydale | | | | No Access, Gate Locked |
| Glendower | 7:43am | 51 | 2m/s NE | Birds/Insects (51), SCM inaudible |

Attended Noise Levels – 23rd February 2010 (afternoon)

| Location | Time | dB(A),Leq | Wind speed/ direction | Identified Noise Sources |
|-----------------|-------------|------------------|----------------------------------|---|
| Illili | 3:30pm | 36 | 3m/s NW | Birds & insects (33), Wind (33), SCM inaudible |
| Ferndale | 3:59pm | 44 | 2.5m/s NW | Birds (43), SCM (37) |
| Plain View | 3:10pm | 41 | 3.5m/s NW | Birds (40), SCM (31) |
| Lilydale | 4:45pm | 40 | 2.5m/s NW | Birds & insects (48), Wind (33), SCM inaudible |
| Glendower | 4:29pm | 40 | 2.5m/s NW | Birds & insects (38), Wind (33), SCM (31) |

The results indicate that, under the operational and atmospheric conditions at the time, noise emissions from the mine exceeded the noise criterion of 35 dB(A) at the monitoring location of "Ferndale" during the afternoon of 23rd February 2010 with a result of 37 dB(A). This represents a 2 dB exceedance in criteria and was identified as predominantly haul truck and dozer noise. As a minor exceedance, ongoing monitoring will be used to determine if this trend in elevated noise level continues at this monitoring location.

A sound level meter was also set up in the paddock adjacent to the "Roslyn" property to determine the noise levels associated with coal haulage. The noise levels from 11 trucks (6 full 4 empty and a water cart) passing the site were measured between 7.45 am and 8.45 am on Friday 12th March 2010.

Over the approximate 1 hour monitoring the measured Leq noise level from mine vehicles was 49.7 dB(A) which is well below the local road noise criterion of 55 dB(A).

Attended Noise Levels – 14th May 2010 (morning)

| Location | Time | dB(A),Leq (15 min) | Wind speed/ direction | Identified Noise Sources as dB(A) Leq (15 min) |
|------------|--------|--------------------|-----------------------|--|
| Illili | 8:37am | 40 | Calm | Birds and Insects (40), SCM (28) |
| Ferndale | 7:35am | 53 | Calm | Traffic (53), Birds & Insects (41), SCM (38) |
| Plain View | 8:17am | 41 | Calm | Birds & Insects (39), Traffic (34), SCM (32) |
| Lilydale | 8:00am | 46 | Calm | Traffic (45), Birds & Insects (33), SCM (34) |
| Glendower | 7:15am | 41 | Calm | Domestic Noise (39), Birds/Insects (37), SCM (30) |

Attended Noise Levels – 14th May 2010 (afternoon)

| Location | Time | dB(A),Leq (15 min) | Wind speed/ direction | Identified Noise Sources as dB(A) Leq (15 min) |
|------------|--------|--------------------|-----------------------|--|
| Illili | 3:20pm | 36 | <0.5m/s SSW | Birds and Insects (36), SCM (<25) |
| Ferndale | 4:40pm | 37 | <0.5m/s SSW | Birds & Insects (34), Traffic (32), SCM (32) |
| Plain View | 3:40pm | 43 | <0.5m/s SSW | Birds (43), Traffic (30), SCM (<20) |
| Lilydale | 4:20pm | 53 | <0.5m/s SSW | Birds & Insects (53), Traffic (38), SCM inaudible |
| Glendower | 4:20pm | 36 | <0.5m/s SSW | Birds/Insects (35), SCM (30) |

Attended Noise Levels – 14th May 2010 (evening)

| Location | Time | dB(A),Leq (15 min) | Wind speed/ direction | Identified Noise Sources as dB(A) Leq (15 min) |
|------------|--------|--------------------|-----------------------|---|
| Illili | 7:28pm | 36 | <0.2m/s W | Insects (30), SCM (35) |
| Ferndale | 7:49pm | 36 | <0.2m/s W | Insects (28), SCM (35) |
| Plain View | 6:50pm | 40 | <0.2m/s W | Insects (31), SCM (40) |
| Lilydale | 6:30pm | 40 | <0.2m/s W | Birds & Insects (36), Traffic (31), SCM (37) |
| Glendower | 7:10pm | 33 | <0.2m/s W | Insects (26), SCM (32) |

The May results indicate exceedance of noise criteria at “Ferndale” during the morning measurement (3dB) and “Plain View” during the evening measurement (5dB). The “Lilydale” residence is classified Project Related and not assessed against the noise criteria. The exceedances were noted at being predominantly from haul trucks, dozers and engine revs. Namoi Mining is currently awaiting the provision of the May weather report from the Sunnyside Weather Station to identify if any temperature inversion was present during the morning and evening exceedances. Namoi Mining will also consult with the affected residences to determine extent of noise impact and measures that may be able to be taken to minimise impact from future operations.

A sound level meter was also set up in the paddock adjacent to the “Roslyn” property to determine the noise levels associated with coal haulage. The noise levels from 8 light vehicles and 2 heavy vehicles passing the site were measured between 1:30 pm and 3:00 pm on Friday 14th May 2010.

Over the monitoring period the measured Leq noise level from mine vehicles was 44.0 dB(A) which is well below the local road noise criterion of 55 dB(A).

Air Quality Monitoring

Deposited Dust

Deposited dust levels for the site for the last 12 months are shown in the following table.

Sunnyside Mine – Deposited Dust

| Month | SD1 Ferndale | SD3 Plainview | SD4 Lilydale | SD5 Ivanhoe | SD6 Illili | SD7 Innisvale |
|-----------------------|-----------------|------------------|-----------------|----------------|------------|------------------|
| May 2009 | 1.4 | 1.4 | 1.0 | 1.0 | 0.8 | 1.1 |
| June 2009 | 0.3 | 0.5 | 0.1 | 0.4 | 0.2 | 1.0 |
| July 2009 | 0.4 | 0.5 | 0.5 | 2.1 | 0.6 | 0.7 |
| August 2009 | 1.8 | 1.3 | 1.2 | 32.6 | 4.0 | 0.8 |
| September 2009 | 9.7 | 39.9 | 6.8 | 12.2 | 15.0 | 6.9 |
| October 2009 | 3.7 | 12.2 | 1.9 | 3.2 | 10.0 | 2.3 |
| November 2009 | 0.6 | 25.7 | 1.5 | 3.0 | 0.9 | 1.5 |
| December 2009 | 1.2 | 1.4 | 1.6 | 1.9 | 1.1 | 1.0 |
| January 2010 | 1.8 | 7.9 | 3.0 | 1.9 | 1.7 | 1.6 |
| February 2010 | 2.5 | 1.3 | 0.6 | 1.2 | 0.6 | 0.7 |
| March 2010 | 11.9 | 3.0 | 1.9 | 1.8 | 1.8 | 2.5 |
| April 2010 | 0.9 | 1.2 | 0.9 | 1.8 | 0.6 | 0.6 |
| Annual Average | 3.0 | 8.0 | 1.7 | 5.3 | 3.1 | 1.7 |

Deposited dust levels have generally remained at consistently low levels over the last 3 months with the exception of SD1 – “Ferndale” with its March result above expectations. The laboratory analysis for this result confirmed contamination of the sample with insects, bird droppings and leaf matter. It is clearly an outlier result when compared with the deposited dust result from September 2009 which coincided with regional dust storm events.

The annual average for all sites remains below 4g/m²/month for all sites except “Plainview” and “Ivanhoe”. The annual averages for both sites is trending downwards with the results over the last 5 months consistently at low levels which again indicates the significance of the outlier results (contamination) on the running annual average.

PM₁₀ Data

Compliance with the 24hr criterion of 50µg/m³ has been maintained at both PM₁₀ monitor locations during the period since January 2010.

PM₁₀ measurements taken to date for the “Illili” High Volume Air Sampler are returning a running annual average of 18.73µg/m³, which is well below the annual average limit of 30µg/m³. The highest reading from this sampler remains 109µg/m³ measured on the 8th December 2009.

PM₁₀ measurements taken to date for the “Lilydale” High Volume Air Sampler are returning a running annual average of 13.98µg/m³, which is well below the annual average limit of 30µg/m³. The highest reading from this sampler was 70µg/m³, also measured on 8th December 2009.

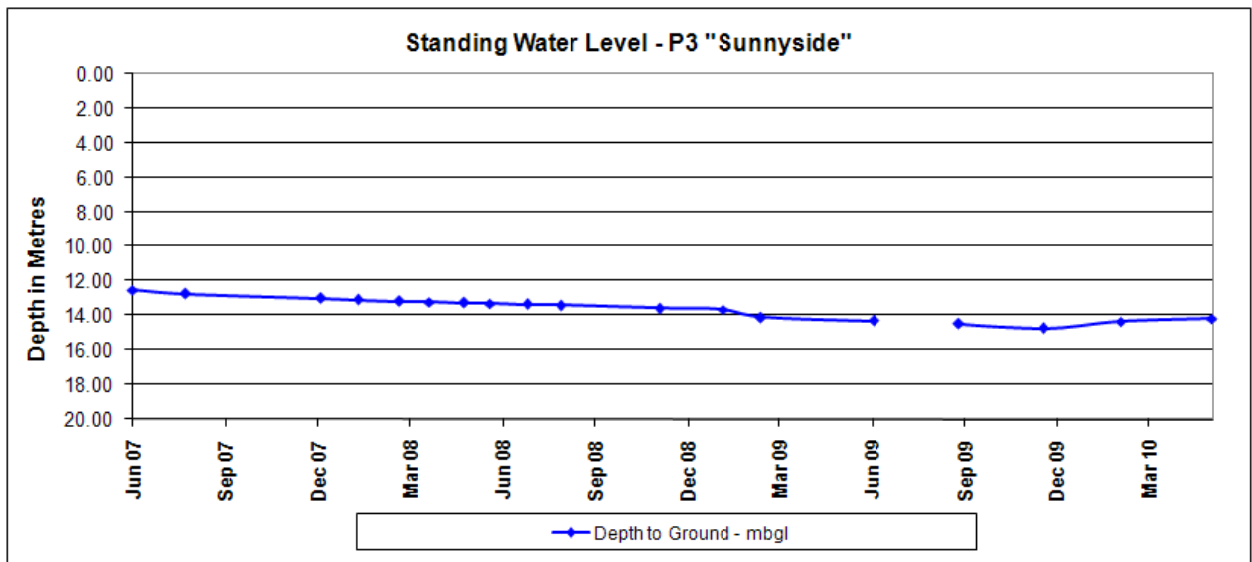
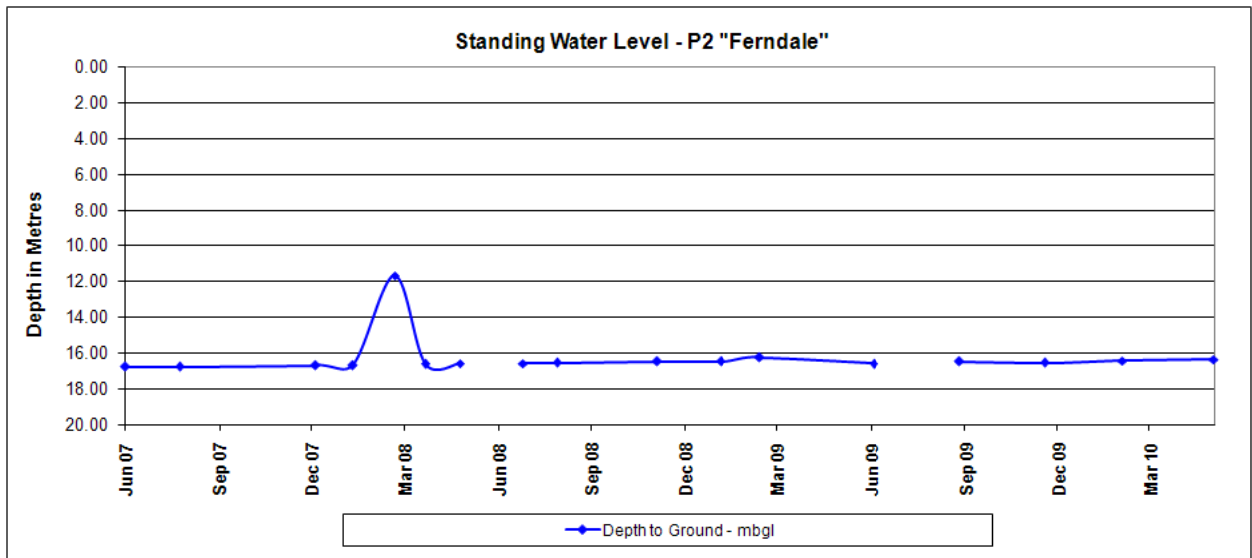
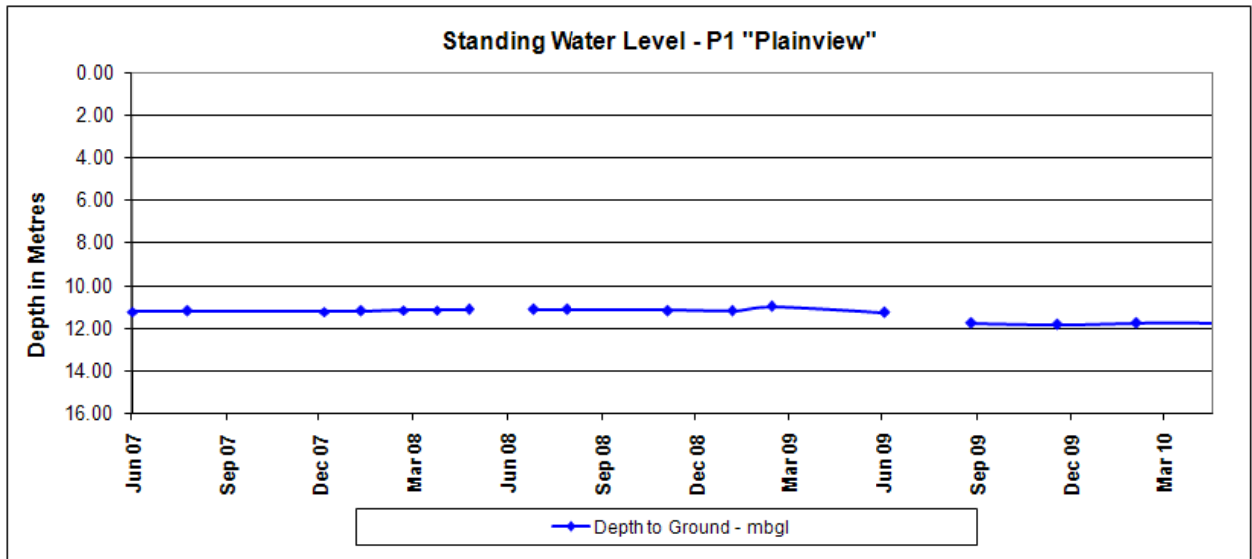
Blast Monitoring

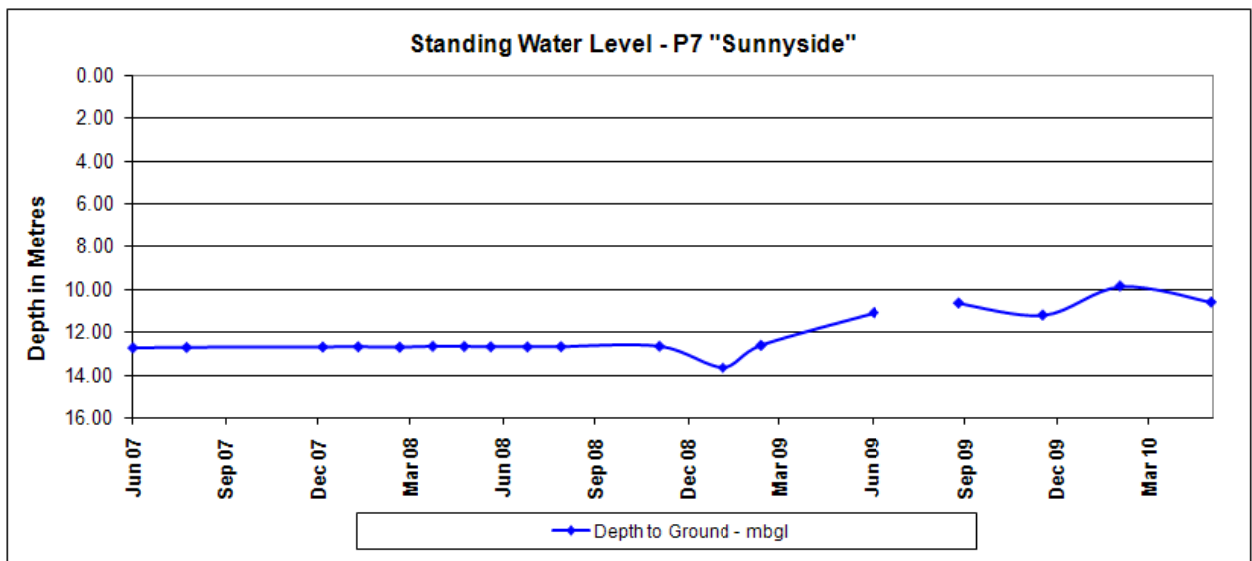
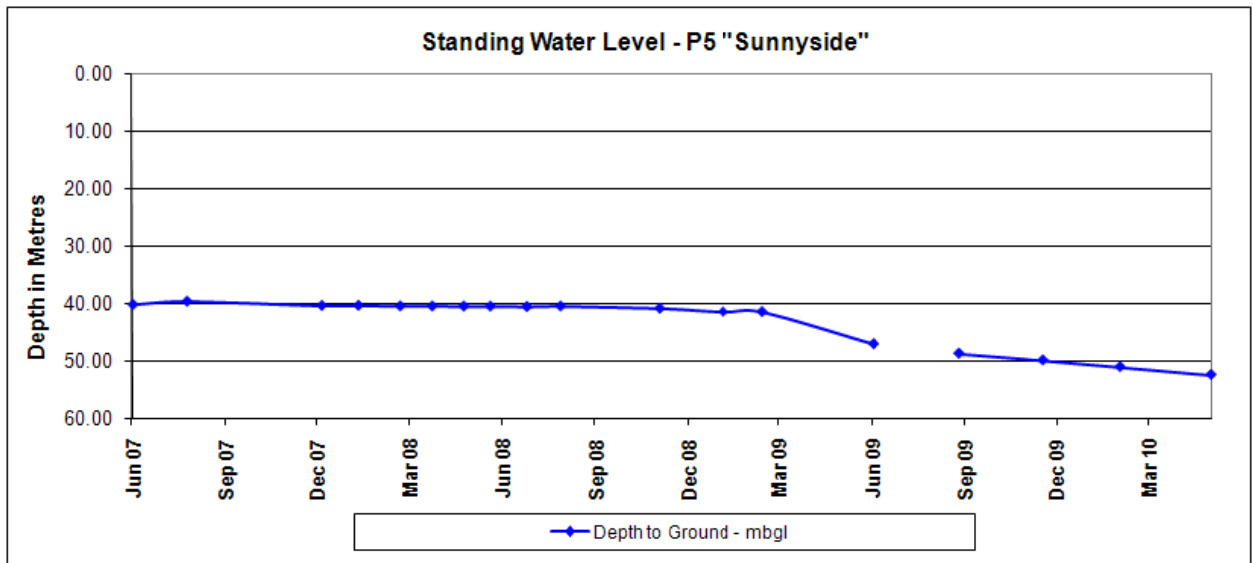
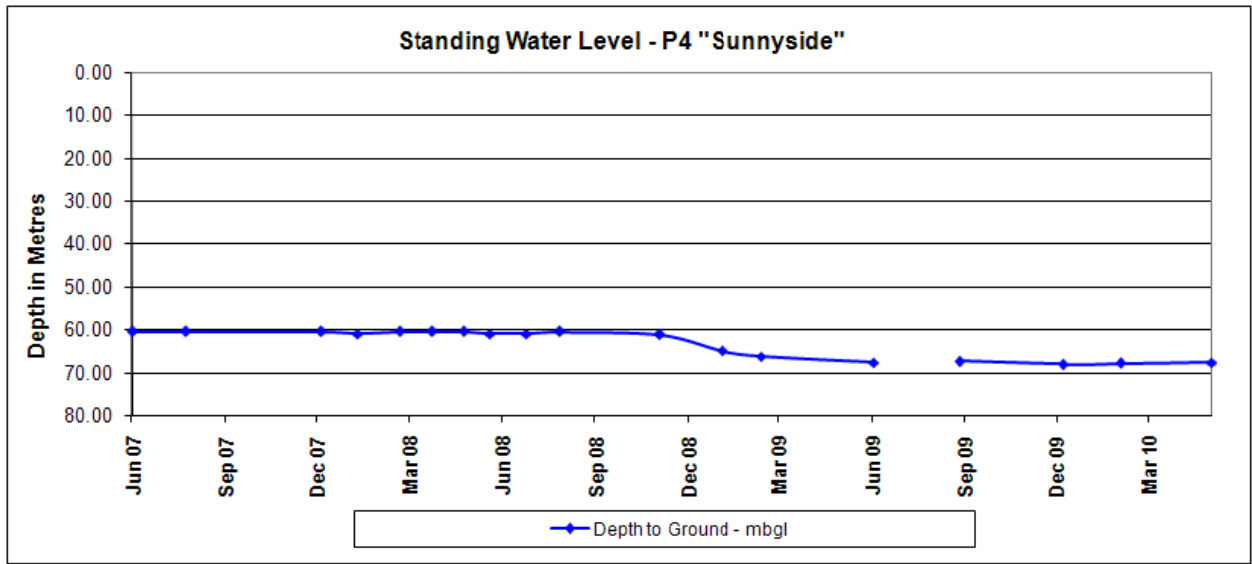
Since the first shot there have been 14 blasts. All blasts during this report period have been compliant within the limits of 115dBL and 5mm/s.

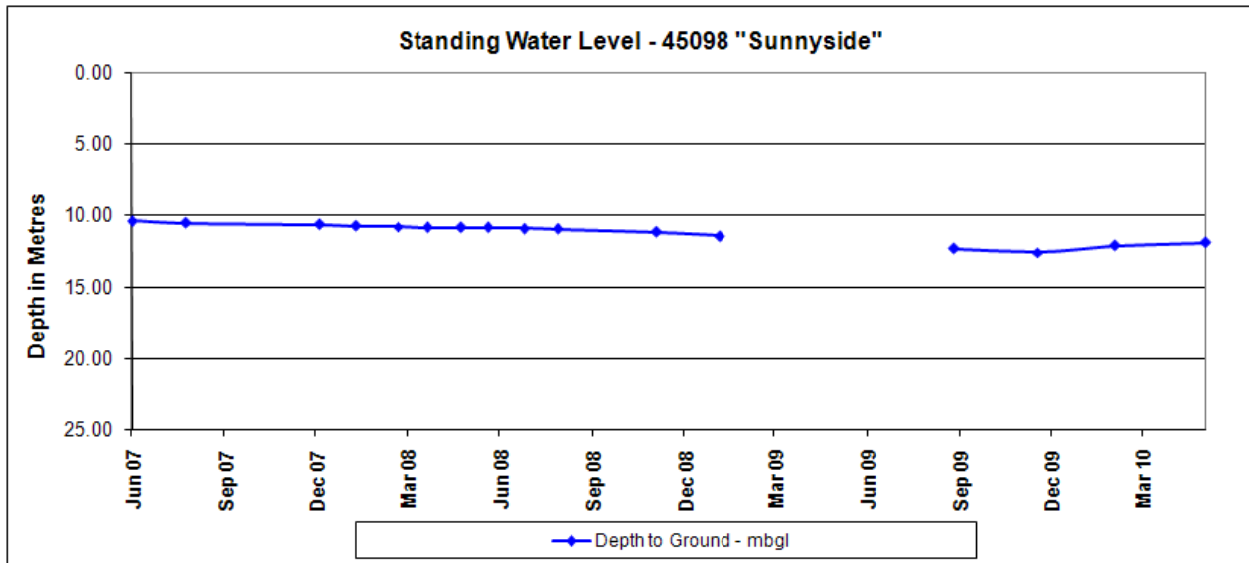
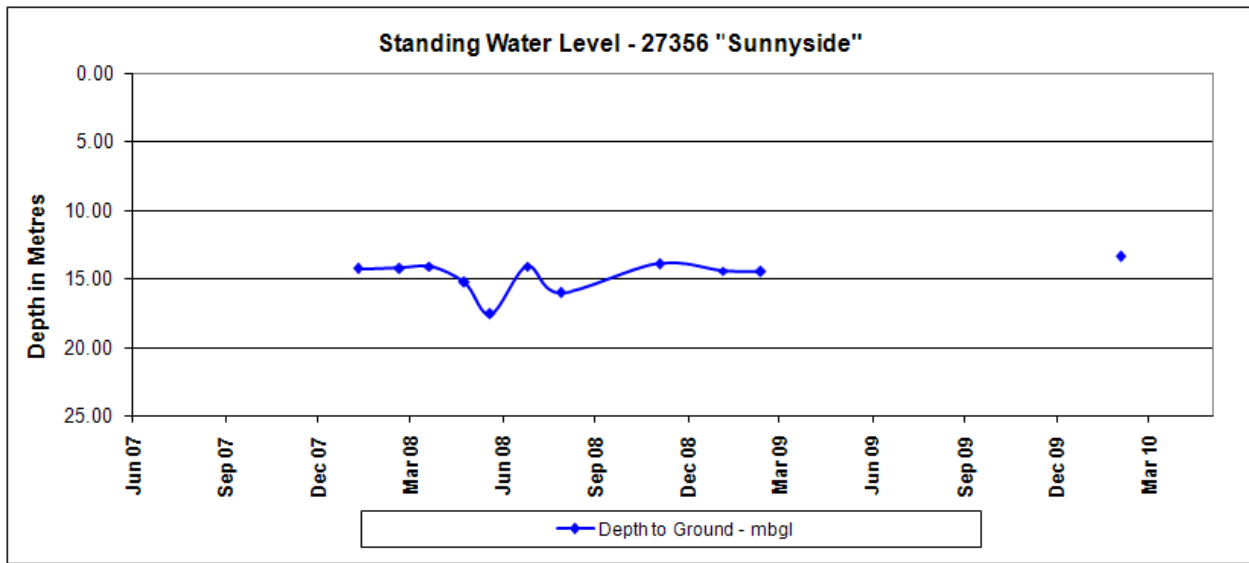
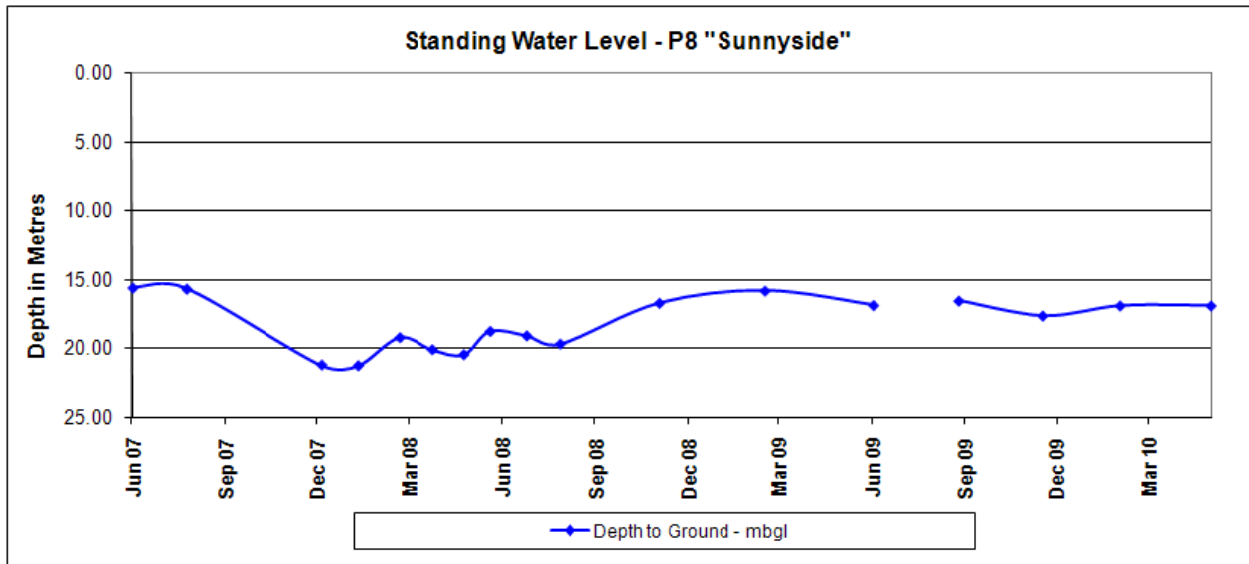
To date, the highest overpressure recorded is 114.8 dBL recorded at “Illili” on the 17th April 2010. The highest ground vibration recorded is 2.39mm/s recorded at “Plain View” on the 17th April 2009.

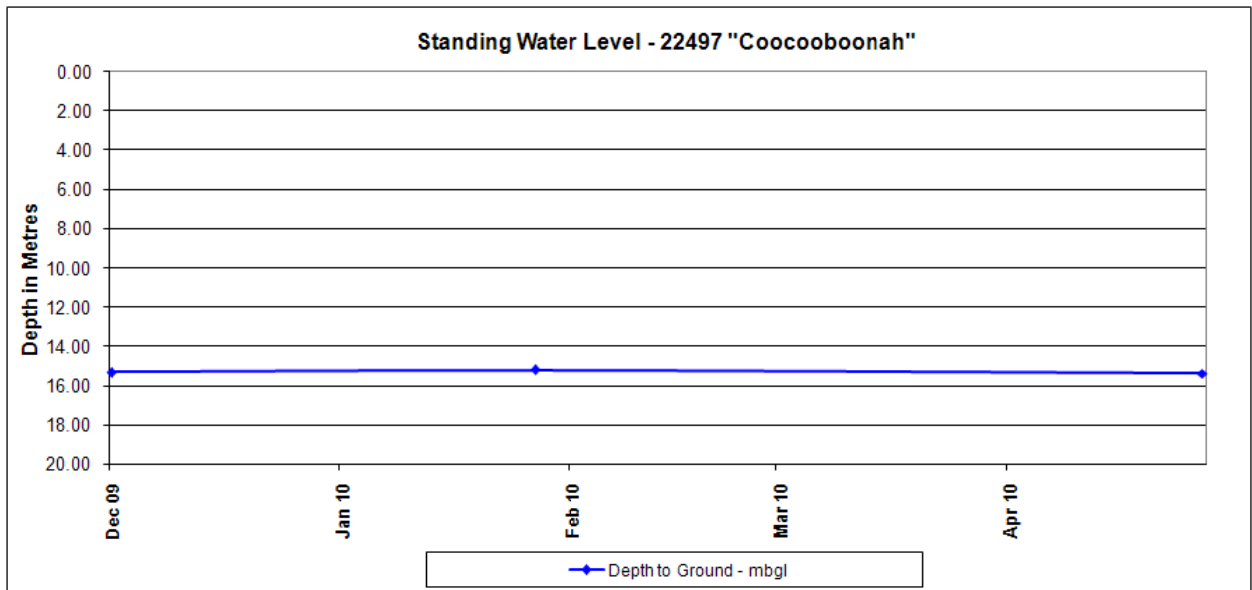
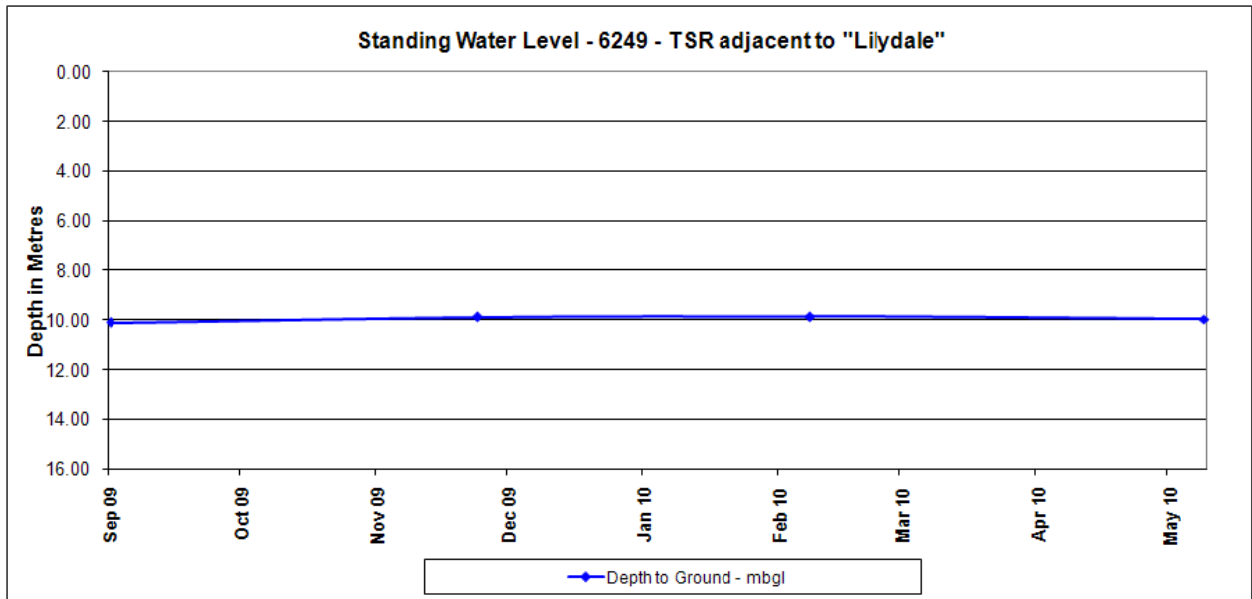
Groundwater Monitoring

Groundwater monitoring is undertaken from a range of monitoring piezometers and water bores both within and surrounding the mine site. Standing Water Level checks are undertaken on a quarterly basis, with full water quality sampling to be undertaken on a 6 monthly basis. Monitoring results to date for Standing Water Level are shown below with no significant impact/trend indicated from mining operations. The next round of monitoring is expected to be conducted during September 2010. Results from this monitoring will be provided at the next CCC meeting.









As discussed in the previous CCC report, results to date indicate minor variability in groundwater levels with no significant trend applicable. There is evidence of some minor recharge in some of the bores over the Dec 09 – Feb 10 period, but no identifiable recharge in others. P5 remains the only monitoring location that has continued a downward trend in SWL since February 2009. P5 is the closest monitoring point to the active pit and the most likely monitor to be affected from depressurisation as a result of the open cut. Groundwater seepage into the pit is still minimal. Ongoing data collection will provide for longer term analysis of groundwater impact.

Surface Water

No wet weather discharge events have occurred since the last CCC meeting. Surface water sampling over March and May from storages on site have indicated that water quality parameters would be within concentration criteria if a discharge event was to occur.

Complaints

No complaints have been received since the last CCC meeting.

The complaints line number is: **0427 106 384**.

Rehabilitation

Minor shaping works of the northern dump occurred during the reporting period. A Landscape Management Plan, incorporating a Rehabilitation Management Plan is currently being developed by external consultants as required under the site's development consent. It is expected the plan will be finalised during June 2010 and will guide future rehabilitation actions across the site.

Minutes of Sunnyside Coal Mine Community Consultation Committee

Meeting Held: Wednesday 8th September 2010.

Venue: The meeting was held in the Board Room at Namoi Valley Brickworks with a site tour following the meeting.

Commencement Time: 3:30pm

1. Present and Apologies

Present: Mr Michael Broekman (MB) (Chairman)
Mr Bruce Reid (BR) (Community Representative)
Mr Andrew Kennedy (AK) (Community Representative)
Mr Stephen Benham (SB) (Council Representative)
Mr Danny Young (DY) (Environmental Manager)
Miss Jill Scealy (JS) (Environmental Officer)
Mr Michael Clark (MC) (Project Manager)
Mr Tim Muldoon (TM) (Community Liaison Officer)
Mr Graham Reid (GR) (Guest – Bruce Reid's son)

Apologies: Mr Glenn Bailey

2. Previous Minutes

Moved that the minutes of the previous meeting were a true and accurate record by Bruce Reid, seconded by Andrew Kennedy.

3. Business Arising from Previous Minutes

3.1 Payment costs of tank clean-out – “Woodlawn”

TM indicated that a cheque had been issued to BR following his request for re-imburement of costs for cleaning out his rain water tanks as he considered that the mine had contaminated his water.

BR stated that he had made a claim to Whitehaven for re-imburement of water analysis costs which cost approximately \$300. He didn't have a receipt for the analysis so Whitehaven hadn't paid it.

TM reiterated to BR that Whitehaven had advised him in writing that payment for the water analysis would not be issued until a copy of the water analysis results were provided to Whitehaven.

BR stated that he is sceptical about everything and that he has good reason to because DY couldn't provide threshold limits for all parameters analysed in the tank water. BR said that he is unhappy with the colour of the water and that his daughter (who visits the property) could notice the difference in the colour of the water. BR also stated that he is sceptical about the companies that analyse the water and provide results.

MC and DY reiterated to BR that water analysis is undertaken by a NATA (National Association of Testing Authorities) accredited laboratory and the threshold limits that DY provided at the time that Whitehaven organised analysis of the water were from the Australian Drinking Water Guidelines 2004. The Guidelines do not provide threshold limits for some parameters and Whitehaven can only provide the information that is available.

TM stated that he wanted to make it clear to the Committee that payment for water analysis and tank-cleanout at the "Woodlawn" property after the event will only be made on this occasion. If any surrounding landholder has an issue that they believe is associated with the mine, and they believe that Whitehaven should incur any associated costs, they must approach the Company about the issue before incurring any costs.

3.2 Review of bus stops along haul road

MB stated that he had sent a letter to the Gunnedah Shire Council (GSC) on behalf of the CCC in relation to review of bus stops along the haul route and Blackjack Road.

MB tabled a letter from Wayne Kerr, GSC's Director Infrastructure Services, dated 18th August 2010, which is summarised below:

- Road authorities cannot afford to provide and maintain bus stops at every property access along the haul route.
- Council liaised with bus operators and landowners to determine the most appropriate bus stop locations and Whitehaven contributed entirely to the cost of these bus stops.
- In relation to the entrance to the Waterways Wildlife Park, it is rare that a developer is required to upgrade or be responsible for intersection treatments at existing operations.
- Sunnyside's Project Approval does not require Whitehaven to upgrade any entrances to existing properties and the additional traffic generated by the mine would unlikely warrant this given the Oxley Highway's State Highway classification.
- Council will liaise with bus operators regarding any improvements sought for the Blackjack Road/Oxley Highway

and will advise the CCC upon investigation of these matters and discussion with the RTA.

- Council is discussing with the RTA and Whitehaven the winding of the shoulder between Coocooboonah Lane and the already widened pavement beyond Wilga Park.
- Council is unable to force Whitehaven to contribute anything beyond the Minister for Planning's determinations and the RTA's development strategy for the highway.

MB also tabled a letter from Wayne Kerr, dated 6th September 2010, that was sent to the CCC following a telephone conversation with AK. The letter indicated that Council has no objection to Whitehaven upgrading the intersection upgrade at the Waterways Wildlife Park but funding would be on a voluntary basis in addition to the community enhancement funds provided to Council.

The Committee agreed to carry over this item until Glenn Bailey is present as he initially raised concern about the Blackjack Road/Oxley Highway intersection bus stop.

3.3 Noise monitoring at "Woodlawn"

BR said that the noise consultants had left a message on his phone notifying him of the proposed dates for noise monitoring but the monitoring had not been conducted.

DY said that noise monitoring had been postponed due to wet weather but the noise monitoring had been conducted a week ago. The noise consultants had verbally notified DY that noise levels were compliant at "Woodlawn". A written report will be issued to Whitehaven and DY indicated that he would forward a copy to BR.

BR said that the noise levels can vary with atmospheric conditions and the noise monitoring could have been conducted during favourable conditions.

GR said that he had noticed today that the constant beeping of the equipment horns that had previously annoyed him had stopped.

MC said that the installation of the buzzers within the cab of the excavator and trucks had been delayed but all had been completed on Monday (6th September 2010).

GR thanked Whitehaven for ceasing use of horns and AK commended Whitehaven for this action.

MC said that the horns are still connected for emergency purposes but would not be used for general operational activities.

GR said that occasional use of the horn is not an issue it was just the constant use that was a problem.

3.4 Dust monitoring at "Woodlawn"

DY said that he had spoken to ALS (environmental monitoring contractor) who would organise for installation of a deposited dust gauge.

JS explained to BR that deposited dust monitoring includes dust from all sources so an elevated result may not be related to mining operations.

BR said that he knows that you can use isotopes to determine the dust source. When referring to the impact he believes the mine is having on him and his property BR stated "if you toss me a bone, you'll probably keep me quiet I think".

3.5 SWL graphs

Following a query at the last CCC meeting about why there was a gap in the SWL graphs, DY stated that ALS had been contacted and had since issued SWL information (which has been included in the graphs in the Environment Monitoring Report).

3.6 Coal trucks negotiating Coochooboonah Lane/Oxley Highway intersection

MC stated that he had contacted Leigh Lamey at Toll on the day after the last CCC meeting advising that a complaint had been lodged during the CCC meeting in relation to Toll trucks cornering too fast at the intersection and crossing over the dedicated acceleration/merging lane into the highway lane.

Leigh Lamey indicated that the issue would be raised in Toll's toolbox talks. A copy of the toolbox talk and signatures of attendees has since been provided to Whitehaven.

BR said that he has no complaints in relation to the truck drivers.

3.7 Tree corridor

GR noted that his sister, Vivienne Reid (guest at previous CCC meeting), had suggested a tree corridor to provide a visual screen between "Woodlawn" and the mine. GR explained that BR is 83 and GR is looking at retiring to "Woodlawn" in a couple of years. GR said that he is happy to supply the trees and plant them but he would like Whitehaven to pay for a fence

(approximately 2km) to prevent stock accessing the trees. GR said that he would use the tree planting as publicity for his business. GR said that it is not going to solve their problems but it will block out light, reduce truck noise and cover up the raw bund area that is visually confronting.

DY said that he would be happy to discuss the proposal with GR.

GR noted that Whitehaven representatives had indicated at the previous meeting that by the time the mine ceases operations the trees still will not be sufficiently established to provide an effective screen.

MC confirmed that the mine life is approximately 5 years.

GR asked whether production at Sunnyside would be reduced to avoid the government's proposed mining tax and DY/MC indicated that they believed this would not be the case.

BR stated that there is "stacks" of coal under the "Werona" and "Woodlawn" properties.

4. Mine Progress

MC provided an update on the mine progress, as summarised below:

- 69 LTI free days as at 31st August 2010. First LTI since commencement occurred on 23rd June 2010 (at the time the site had 599 LTI free days) when a contractor was struck on the nose by a piece of steel tubing and required two sutures.
- As discussed previously, in-cab beepers have now been installed to remove the constant use of equipment horns.
- No longer pumping water from "Werona" as there is sufficient storage in onsite dams from surface runoff.
- 3 shots have been fired since the last meeting with no compliance issues.

5. Environmental Report

DY provided the Environmental Monitoring Results, a copy of which is attached to these minutes.

GR said that the visual impacts don't worry them (ie. BR and his family) as much as the heavy metals, like cadmium, that are dug up from deep down. GR asked if it is reasonable for them to be concerned and then said that he is concerned for the people working at the mine. GR said that it is concerning when they turn on the TV and see sick kids in Queensland even though people are saying there is no proof that it's related to mining.

DY said at this stage there is no conclusive evidence that the issues recently reported are related to mining.

MC said that both respirable and inhalable testing is conducted on site personnel twice a year.

JS asked MC if there have been any issues identified during this sampling.

MC said that no failures had been recorded. Results are provided to the employees who have been tested and any exceedances are notified to Industry and Investment NSW and trigger retesting.

BR said that PM_{2.5} dust floats in the atmosphere. On a still day he looks out and sees a slight black cloud over the mine. He asked if it's true the PM_{2.5} dust floats in the atmosphere.

DY said that the PM_{2.5} dust particles are more likely to hang in the air but you wouldn't be able to see them. It would be larger visual dust particles that he could see.

MB said that individual dust testing has been occurring for a long time.

MC explained that the testing is conducted over a full shift with the monitor attached to the individual. Testing is independently conducted by Coal Services.

6. Complaints

No complaints have been received via the complaints line or Whitehaven personnel since the last CCC meeting.

AK raised a formal complaint on behalf of the "Glendower" residents in relation to ongoing noise from the mine.

DY indicated that he would contact the residents to discuss the issue.

7. General Business

7.1 BR indicated to the Committee that he would like one of his children to attend each meeting as he has difficulty hearing discussions and remembering things.

DY stated that the CCC Guidelines require Committee members to be approved by the Department of Planning (DoP). Whitehaven could approach DoP if the Committee wishes to pursue this approach.

MC suggested that if BR has a family representative attend each meeting then it should consistently be the same representative otherwise we will have to repeat discussions from meetings that either representative didn't attend.

GR nominated BR's daughter Vivienne as the family representative.

DY said that Whitehaven will approach DoP on the basis that BR will be the primary member (as he is lives at "Woodlawn") and Viviene will be the support person. The only issue is that original CCC members were advertised and this wouldn't be.

- 7.2 Discussion about the bus stops along the haul route continued after being discussed at the beginning of the meeting. The Committee moved a motion to close out the issue with bus stops along the haul route and carry over the issue with the Blackjack Road bus stop to the next meeting in the absence of Glenn Bailey (who original raised the issue).

AK asked if Whitehaven has an agreement with Council for road maintenance.

DY said that we have an agreement with Council whereby Whitehaven contributes to a significant proportion of the road maintenance costs but Council undertakes the road works.

8. Date for next meeting

Wednesday 1st December 2010 – 3:30pm, Namoi Valley Brickworks.

Meeting closed 4:30pm

Site tour 4:45pm – 5:20pm (MC, SB, MB, AK, GR)



Michael Broekman Chairman



SUNNYSIDE COAL MINE

COMMUNITY CONSULTATIVE COMMITTEE

MEETING #7

ENVIRONMENTAL MONITORING REPORT

June 2010 – August 2010

Noise Monitoring

The noise limits applicable to operations on the Sunnyside Coal Mine, as prescribed in the Project Approval and Environment Protection Licence, are as follows:-

| Day/Evening LAeq(15 minute) | Land |
|--|---|
| 35 | Any residence on, or more than 25% of, any privately owned land, except "Lilydale". |

Impact Assessment Criteria dB(A).

Noise measurements for this period were postponed due to access limitations associated with the recent wet weather. Monitoring was undertaken on the 30th and 31st August with results outlined below:

| Noise Monitoring Results – 30 August 2010 (Day) | | | | |
|--|-------------|-------------------------------|----------------------------------|---|
| Location | Time | dB(A),Leq (15 min) | Wind speed/ direction | Identified Noise Sources as dB(A) Leq (15 min) |
| Illili | 4:36 pm | 35 | Calm | Birds & insects (32), SCM (32) |
| Ferndale | 8:45 am | 47 | 1.3m/s NE | Birds (45), traffic (43), SCM inaudible |
| Plain View | 4:17 pm | 39 | Calm | Birds & insects (34), SCM (34) , traffic (33) |
| Lilydale | 4:00 pm | 39 | Calm | Birds & insects (38), SCM (30) , traffic (28) |

| Noise Monitoring Results – 30 August 2010 (Evening) | | | | |
|--|-------------|-------------------------------|----------------------------------|--|
| Location | Time | dB(A),Leq (15 min) | Wind speed/ direction | Identified Noise Sources |
| Illili | 8:00 pm | 34 | <0.5m/s ESE | Dogs (32), frogs (32), SCM inaudible |
| Ferndale | 8:35 pm | 34 | Calm | Frogs (34), SCM inaudible |
| Plain View | 7:40 pm | 32 | <0.5m/s ESE | Traffic (32), SCM (<20) |
| Lilydale | 7:20 pm | 43 | <0.5m/s ESE | Frogs (43), traffic (35), SCM inaudible |

The results indicate compliance at all receivers throughout the monitoring period. Monitoring was also conducted at the "Glendower" and "Woodlawn" residences to confirm if mine noise remained within compliance limits at those residences, with results confirming compliance as per table below:-

| Noise Monitoring Results – 30 August 2010 | | | | |
|--|-------------|-------------------------------|----------------------------------|--|
| Location | Time | dB(A),Leq (15 min) | Wind speed/ direction | Identified Noise Sources as dB(A) Leq (15 min) |
| Woodlawn | 3:40 am | 38 | Calm | Traffic (36), birds/ insects (34), SCM barely audible |
| Glendower | 4:54 pm | 38 | Calm | Birds & insects (37), traffic (30), SCM (28) |
| Woodlawn | 7:02 pm | 33 | <0.5m/s ESE | Traffic (33), frogs (20), SCM inaudible |
| Glendower | 8:17 pm | 38 | Calm | Frogs (38), SCM (est. <25) |

In addition to mine noise assessment, monitoring was undertaken at the “Roslyn” property adjacent to Torrens Lane to determine road noise levels from coal haulage. Over a monitoring period of 1 hour, a total of 31 heavy vehicle movements were measured which resulted in a marginal exceedance of the road noise criteria. The measured noise contribution was 56 dB(A) as opposed to the consent limit of 55 dB(A). This is the first exceedance in road haulage noise from the Sunnyside Mine. Noise levels will be reassessed at the next opportunity with the noise consultant to ensure noise levels remain within compliance levels.

Air Quality Monitoring

Deposited Dust

Deposited dust levels for the site for the last 12 months are shown in the following table.

Sunnyside Mine – Deposited Dust

| Month | SD1 Ferndale | SD3 Plainview | SD4 Lilydale | SD5 Ivanhoe | SD6 Illili | SD7 Innisvale |
|-----------------------|-------------------------|--------------------------|-------------------------|------------------------|-------------------|--------------------------|
| August 2009 | 1.8 | 1.3 | 1.2 | 32.6 | 4.0 | 0.8 |
| September 2009 | 9.7 | 39.9 | 6.8 | 12.2 | 15.0 | 6.9 |
| October 2009 | 3.7 | 12.2 | 1.9 | 3.2 | 10.0 | 2.3 |
| November 2009 | 0.6 | 25.7 | 1.5 | 3.0 | 0.9 | 1.5 |
| December 2009 | 1.2 | 1.4 | 1.6 | 1.9 | 1.1 | 1.0 |
| January 2010 | 1.8 | 7.9 | 3.0 | 1.9 | 1.7 | 1.6 |
| February 2010 | 2.5 | 1.3 | 0.6 | 1.2 | 0.6 | 0.7 |
| March 2010 | 11.9 | 3.0 | 1.9 | 1.8 | 1.8 | 2.5 |
| April 2010 | 0.9 | 1.2 | 0.9 | 1.8 | 0.6 | 0.6 |
| May 2010 | 1.0 | 1.1 | 0.6 | 1.4 | 2.5 | 0.6 |
| June 2010 | 0.3 | 1.4 | 0.9 | 13.1 | 1.2 | 0.4 |
| July 2010 | 0.4 | 0.4 | 0.2 | 4 | 1.3 | 0.5 |
| Annual Average | 3.0 | 8.1 | 1.8 | 6.5 | 3.4 | 1.6 |

Deposited dust levels have generally remained at consistently low levels over the last 3 months with the exception of the June result at SD5 – “Ivanhoe”. The laboratory analysis for this result confirmed contamination of the sample with insects, bird droppings and leaf matter. It is clearly an outlier result when compared with the deposited dust result from September 2009 which coincided with regional dust storm events.

The annual average remains below 4g/m²/month for all sites except SD3 “Plainview” and SD5 “Ivanhoe”. The annual averages for both sites is trending downwards with the results over the last 5 months consistently at low levels which again indicates the significance of the outlier results (contamination) on the running annual average.

PM₁₀ Data

Compliance with the 24hr criterion of 50µg/m³ has been maintained at both PM₁₀ monitor locations during the period since January 2010.

PM₁₀ measurements taken to date for the “Illili” High Volume Air Sampler are returning a running annual average of 17.48µg/m³, which is well below the annual average limit of 30µg/m³. The highest reading from this sampler remains 109µg/m³ measured on the 8th December 2009.

PM₁₀ measurements taken to date for the “Lilydale” High Volume Air Sampler are returning a running annual average of 13.31µg/m³, which is well below the annual average limit of 30µg/m³. The highest reading from this sampler was 70µg/m³, also measured on 8th December 2009.

Blast Monitoring

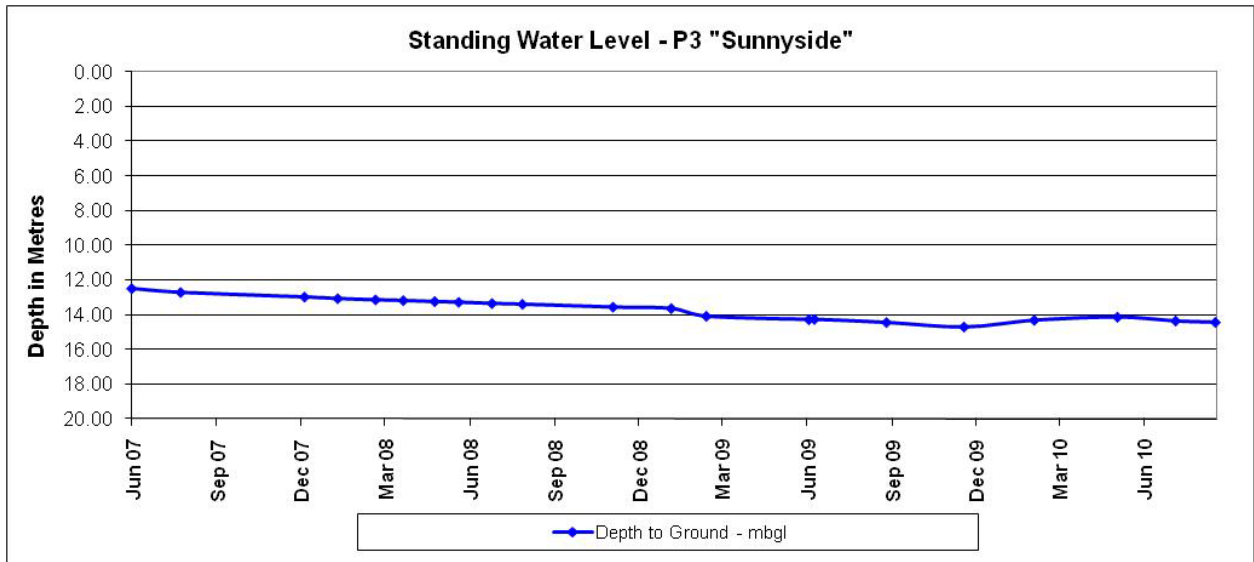
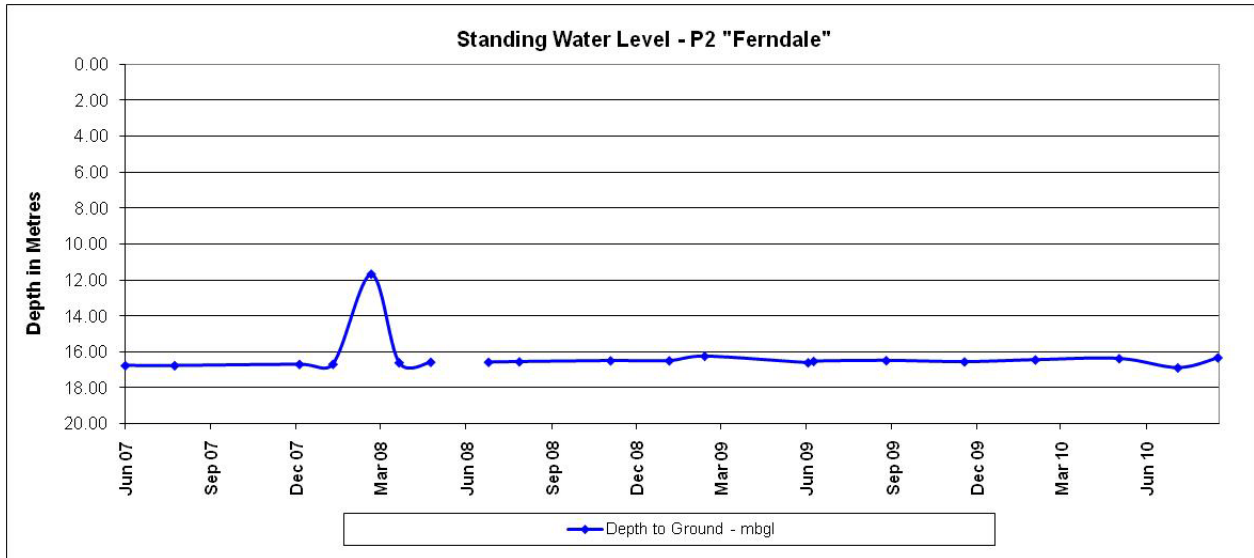
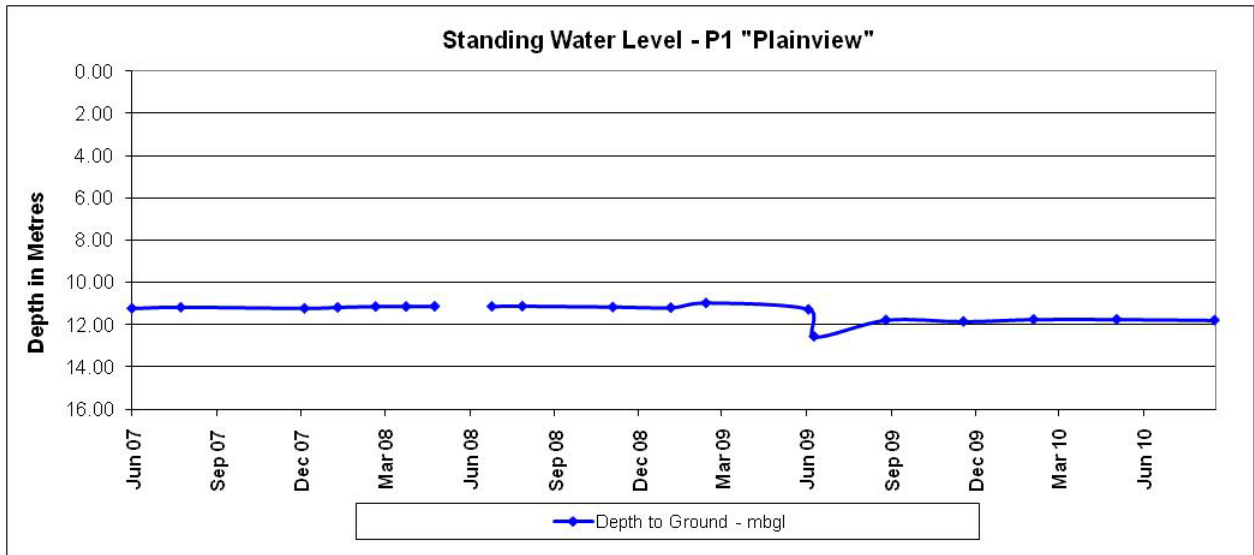
Since the first shot there have been 18 blasts. All blasts during this report period have been compliant within the limits of 115dBL and 5mm/s.

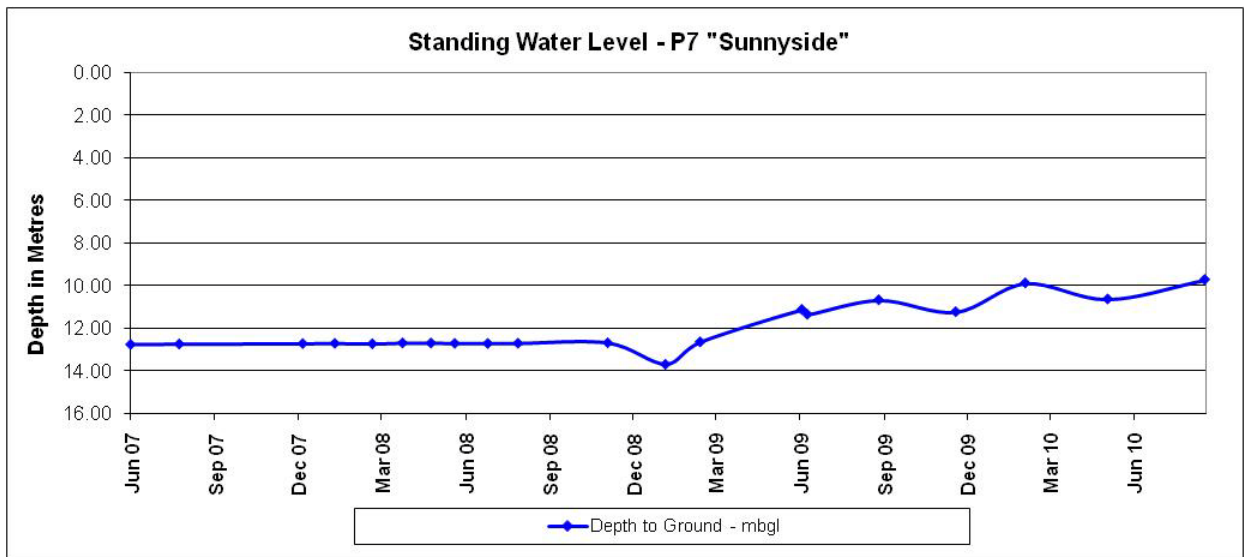
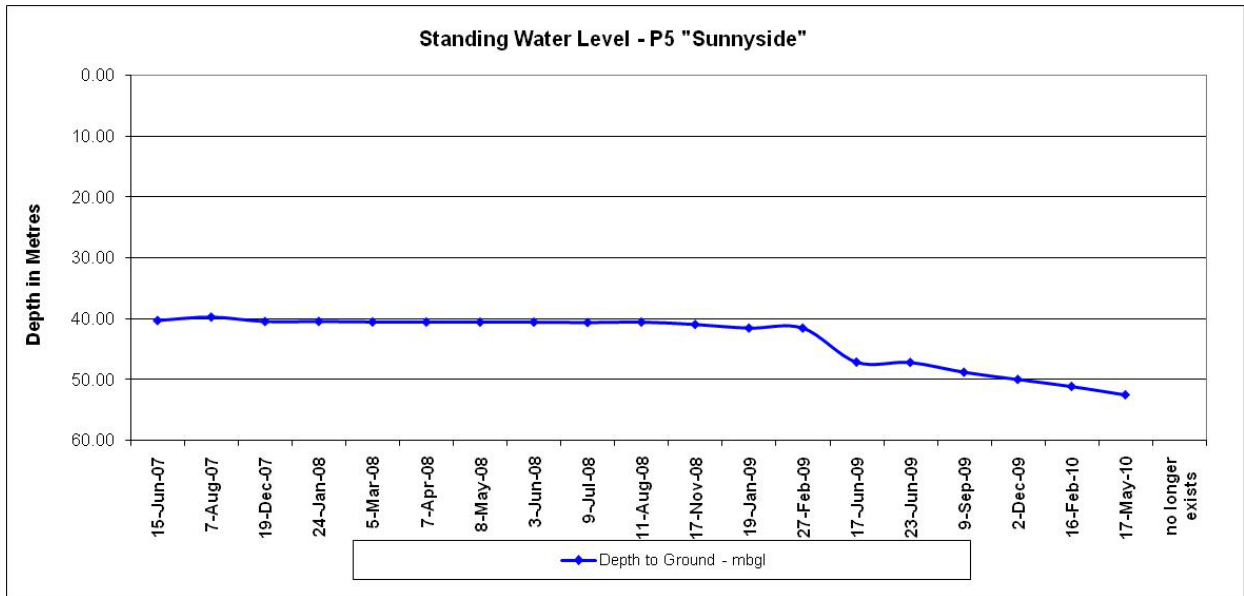
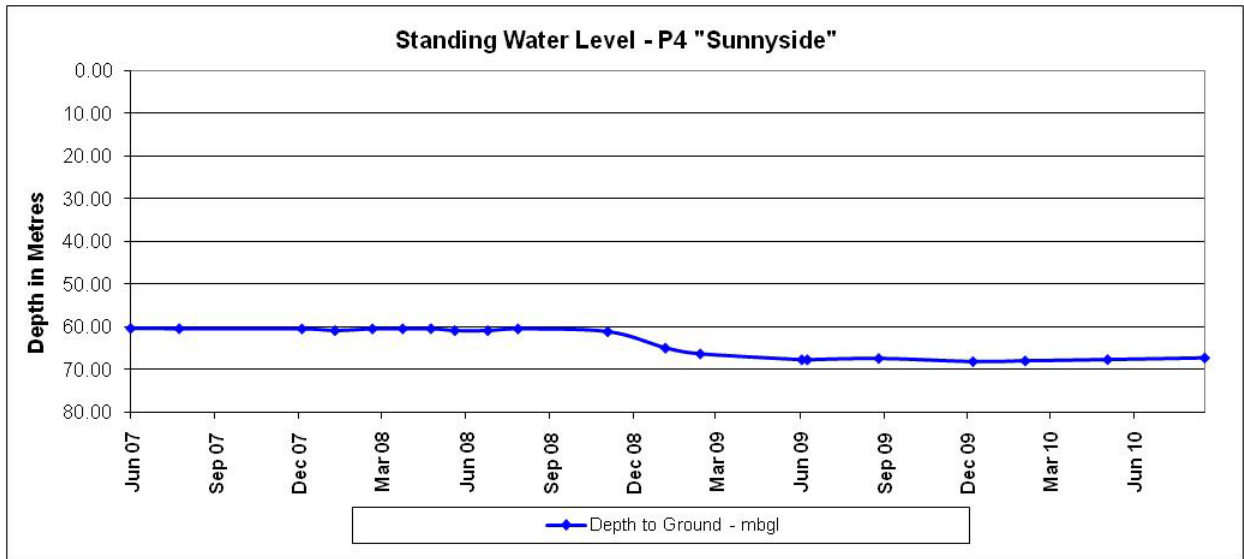
To date, the highest overpressure recorded is 114.8 dBL recorded at “Illili” on the 17th April 2010 & 23rd June 2010. The highest ground vibration recorded is 2.39mm/s recorded at “Plain View” on the 17th April 2009.

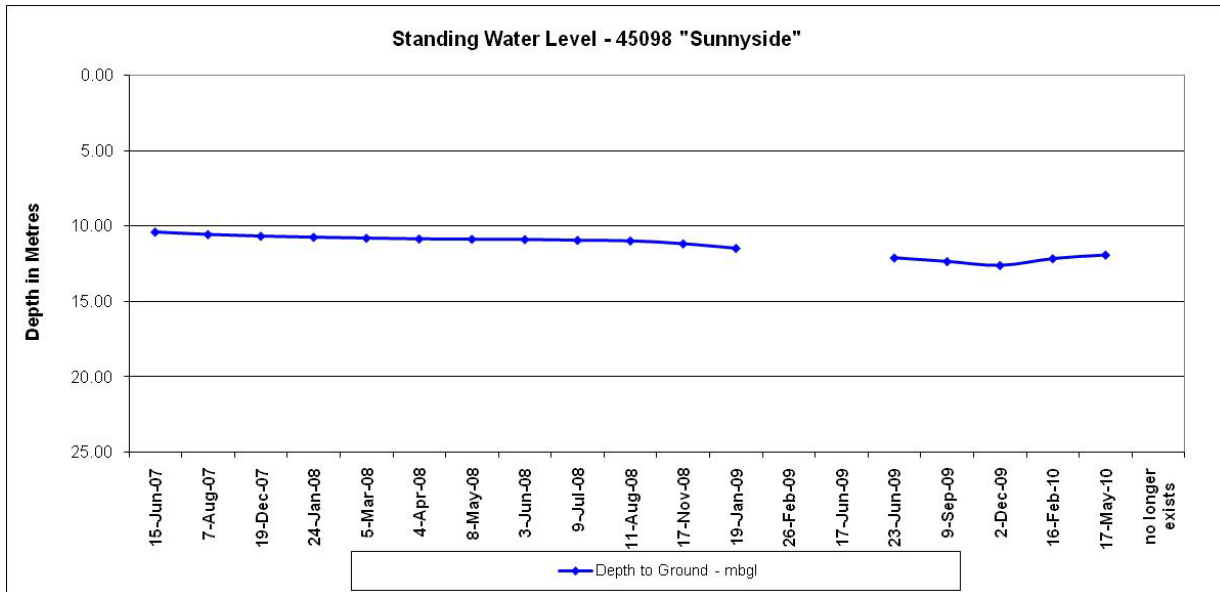
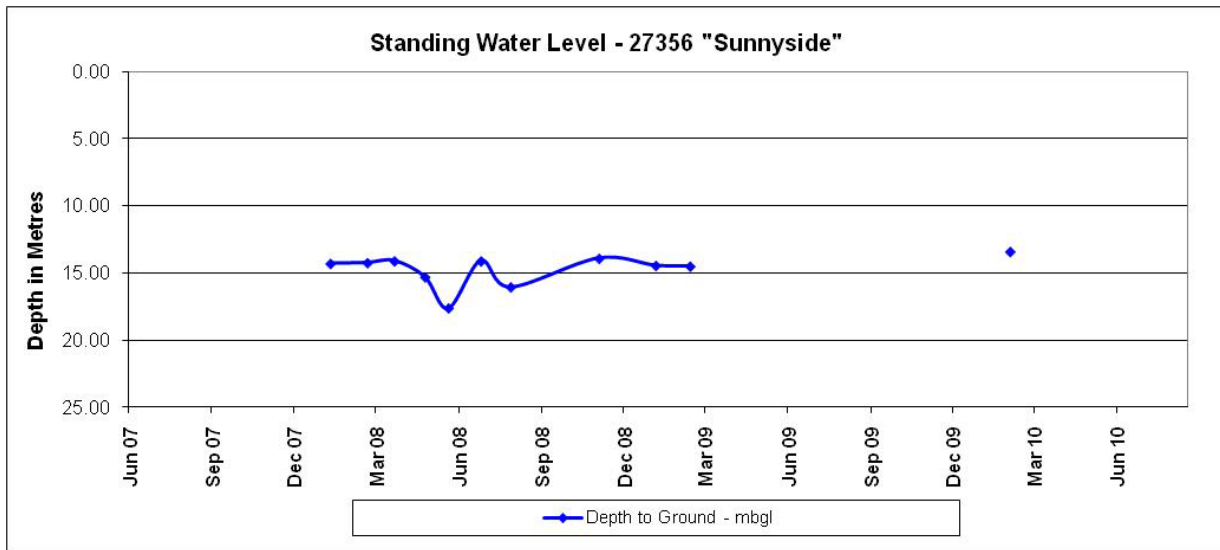
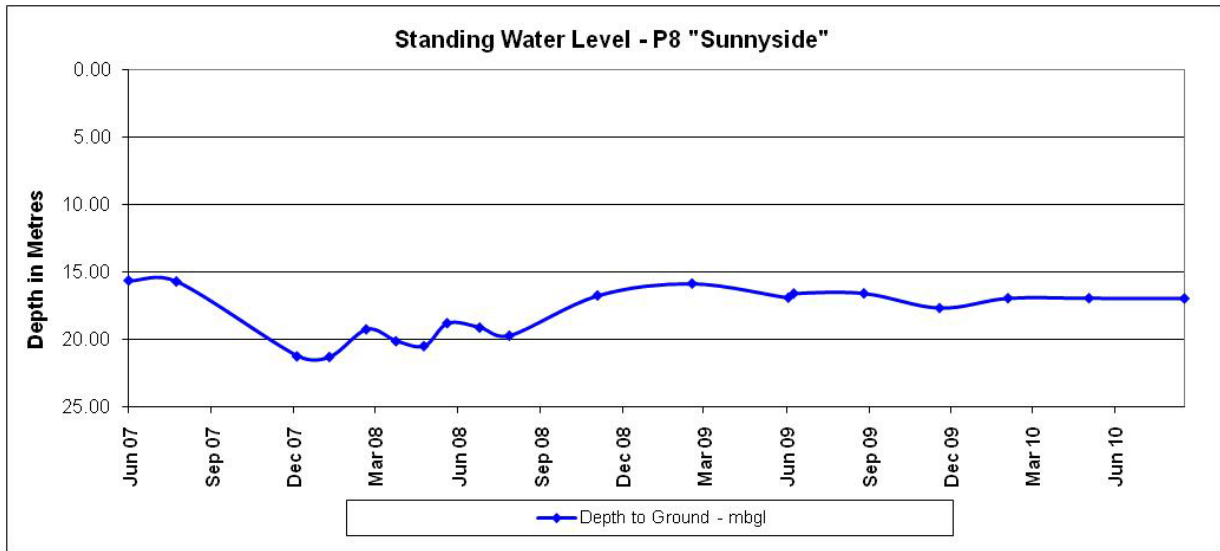
Groundwater Monitoring

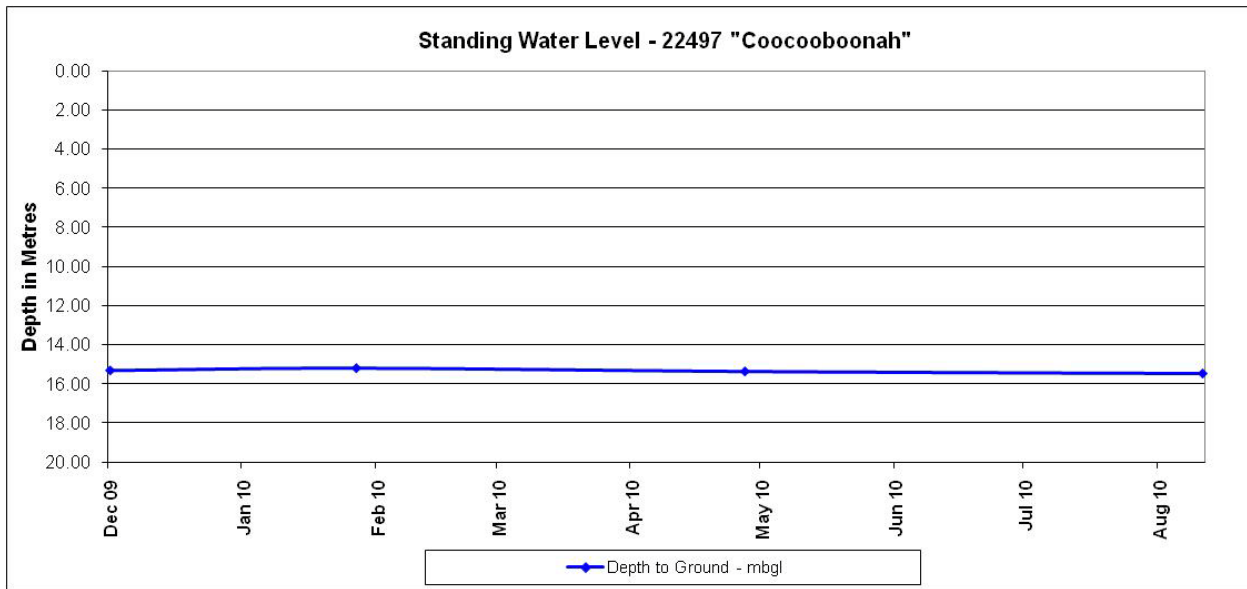
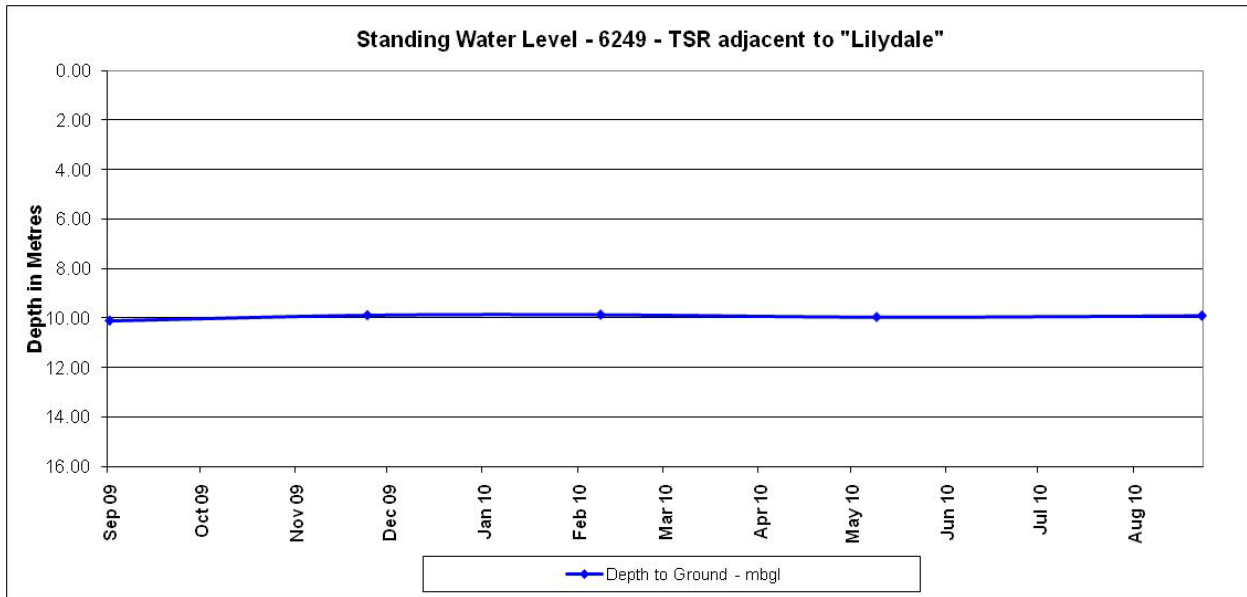
Groundwater monitoring is undertaken from a range of monitoring piezometers and water bores both within and surrounding the mine site. Standing Water Level (SWL) checks are undertaken on a quarterly basis, with full water quality sampling undertaken on a 6 monthly basis. Monitoring results to date for SWLs are shown below with no significant impact/trend indicated from mining operations. The next round of monitoring is expected to be conducted during November 2010. Results from this monitoring will be provided at the next CCC meeting.

At the previous meeting committee members questioned the gap on some of the SWL graphs between June and September 2009. Whitehaven approached our environmental monitoring contractor (ALS) who subsequently provided field sheets for missing SWL data where available. These results have been updated and included in the following graphs. Where SWL measurements were not available, a gap in the graph remains indicating this missing data. Whitehaven will continue to ensure that field sheets are received on time by ALS.









As discussed in the previous CCC report, results to date indicate minor variability in groundwater levels with no significant trend applicable. P5 is now located within the active pit area and monitoring bore 45098 has been covered by the waste dump and therefore both monitoring locations will no longer be sampled. Groundwater seepage into the pit is still minimal. Ongoing data collection will provide for longer term analysis of groundwater impact.

Surface Water

No wet weather discharge events have occurred since the last CCC meeting. Surface water sampling over March and May from storages on site have indicated that water quality parameters would be within concentration criteria if a discharge event was to occur.

Complaints

One complaint was received at the last CCC meeting on the 9th June 2010 in regard to Toll trucks cornering too quickly at the Coochoonah Lane/Oxley Highway intersection. Action has been taken in relation to the complaint with the matter referred to Leigh Lamey (Toll HSE Compliance Officer). Leigh ensured the matter was raised at the latest toolbox talks and advised Whitehaven when the toolbox talks were completed.

Rehabilitation

Minor shaping works of the northern dump occurred during the reporting period. A Rehabilitation and Landscape Management Plan, incorporating a Mine Closure Plan is currently being developed by external consultants as required under the site's development consent. The plan is expected to be finalised over the following months and will guide future rehabilitation actions across the site.

Minutes of Sunnyside Coal Mine Community Consultation Committee

Meeting Held: Wednesday 1st December 2010

Venue: The meeting was held in the Board Room at Namoi Valley Brickworks with a site tour following the meeting.

Commencement Time: 3:30pm

1. Present and Apologies

Present: Mr Michael Broekman (MB) (Chairman)
Mr Bruce Reid (BR) (Community Representative)
Mr Andrew Kennedy (AK) (Community Representative)
Mr Glenn Bailey (GB) (Community Representative)
Miss Jill Scealy (JS) (Environmental Officer - Whitehaven)
Mr Michael Clark (MC) (Project Manager - Whitehaven)
Mr Tim Muldoon (TM) (Community Liaison Officer - Whitehaven)

Apologies: Mr Danny Young (DY) (Environmental Manager - Whitehaven)
Mr Stephen Benham (SB) (Council Representative)
Mrs Vivienne Rooke (VR) (Bruce Reid's Representative)
Mr Casper Dieben (General Manager Operations – Whitehaven)

Moved AK, seconded by BR

2. Previous Minutes

Moved that the minutes of the previous meeting were a true and accurate record by BR, seconded by MC.

BR commented that JS does a good job with the minutes and he doesn't have to worry about recording the meeting with his dictaphone anymore.

3. Business Arising from Previous Minutes

3.1 Payment costs of tank clean-out – “Woodlawn”

BR reiterated his concerns and MB moved a motion that this item be removed from the CCC meeting agenda and discussed separately between BR and Whitehaven. Motion seconded by AK.

3.2 Review of bus stops on Blackjack Road

The Committee discussed advice from Council that Whitehaven has met its obligations in relation to the Sunnyside approval. TM advised that Whitehaven is not able to initiate any roadworks without a direction from Council. MB asked if Whitehaven can

question Council on where their funds are being used and TM said they can.

MB noted that Blackjack Road hadn't been maintained for a long time. AK also stated that the shoulders along Quia Rd were in a poor state of repair, noting that it is not an issue with Whitehaven or Toll but rather a safety concern.

GB advised that he would write a letter to Council as an individual to express his concerns. TM advised that in the letter he should request that the issues are reviewed by the Traffic Committee. TM stated that he would advise the appropriate Whitehaven representative (Wayne Parkes) that the request will be raised with Council.

Motion moved to remove action from CCC meeting agenda – moved MC, seconded BR.

3.3 Noise monitoring at “Woodlawn”

JS advised that the noise monitoring report had been provided to BR. BR said that he had received it but he didn't really understand it.

BR stated that noise doesn't worry him.

Motion moved by MB, seconded by AK, to remove the item from the CCC meeting agenda. Issue to be discussed privately between BR and Whitehaven.

3.4 Dust monitoring at “Woodlawn”

JS advised that the dust monitor had been installed but there had been a delay in collecting the sample due to issues with the environmental monitoring contractors. The sample was collected today and will be collected on a monthly basis from now on.

Any further discussions to be conducted privately between BR and Whitehaven.

3.5 Tree corridor on boundary of “Woodlawn”

JS advised that DY had not received any correspondence from BR's son (Graham Reid) regarding a possible tree corridor. The Committee agreed that this action should also be removed from the CCC meeting agenda and discussed privately between BR and Whitehaven.

3.6 Request to DoP for Bruce Reid's family representative to attend meetings

MB tabled a letter received from DoP advising that the Department permits a family representative to attend meetings

with BR. The letter states that the representative is not able to be involved in any decisions at the meetings.

4. Mine Progress

MC provided an update on the mine progress, as summarised below:

- Operators - 8 full time and 5 permanent casual, including 3 females.
- Fitters - 1 permanent and 1 permanent contractor.
- Site management – 2 permanent and 1 contractor.
- 160 LTI free days as at 30th November 2010.
- 5 shots have been fired since the last meeting with no compliance issues.
- In the last three months 665,000m³ of overburden has been moved, 38,000 tonnes of coal has been mined and 83,000 tonnes of coal has been transported offsite.

GB asked whether there were plans for an extension because there are a number of rumours at the moment. MC advised that the mine is permitted to mine up to 1Mtpa. GB asked if there were any reserves around the mine. MC said that there are reserves around all mines but economic viability determines where the coal will be mined.

AK asked about the approval timeframe on the mine and GB asked what's involved in applying for an extension. JS advised that the Project Approval permits mining until November 2015 (7 years from the grant of the mining lease). TM advised that any extension to the mine will require a Section 75W approval.

5. Environmental Report

JS provided the Environmental Monitoring Results, a copy of which is attached to these minutes.

Report moved by JS, seconded by AK.

6. Complaints

No complaints have been received via the complaints line or Whitehaven personnel since the last CCC meeting.

As a follow up to the complaint raised by AK at the last CCC meeting on behalf of the "Glendower" residents, AK said the residents were thankful for Whitehaven's quick response to their concerns.

7. General Business

- 7.1 JS tabled a letter from Gunnedah Shire Council advising that Stephen Benham had been re-appointed as the Council delegate for the Sunnyside CCC.

8. Date for next meeting

Wednesday 2nd March 2011 – 3:30pm, Namoi Valley Brickworks.

Meeting closed 4:15pm



Michael Broekman - Chairman

Sunnyside Coal Mine Community Consultative Committee Meeting #8

Environmental Monitoring Report September – November 2010

Noise Monitoring

The noise limits applicable to operations on the Sunnyside Coal Mine, as prescribed in the Project Approval and Environment Protection Licence, are as follows:-

| Day/Evening LAeq(15 minute) | Land |
|--------------------------------|--|
| 35 | Any residence on, or more than 25% of, any privately owned land, except "Lilydale". Impact Assessment Criteria dB(A). |

Monitoring was undertaken on the 3rd and 4th November 2010 with results outlined below:

| Noise Monitoring Results – 3 November 2010 (Evening) | | | | |
|--|---------|-----------------------|--------------------------|---|
| Location | Time | dB(A),Leq (15 min) | Wind speed/ direction | Identified Noise Sources as dB(A) Leq (15 min) |
| Illili | 8:10 pm | 52 | 0.3m/s E | Insects (52), SCM (30) |
| Ferndale | 8:52 pm | 42 | Calm | Birds & insects (41), SCM (35) |
| Plain View | 7:35 pm | 50 | 0.2m/s E | Birds & insects (50), traffic (40), SCM (30) |
| Lilydale | 7:15 pm | 41 | 0.3m/s E | Birds (40), traffic (35), SCM barely audible |

| Noise Monitoring Results – 4 November 2010 (Day) | | | | |
|--|---------|-----------------------|--------------------------|---|
| Location | Time | dB(A),Leq (15 min) | Wind speed/ direction | Identified Noise Sources |
| Illili | 8:57 pm | 57 | 1.0m/s E | Birds (57), traffic (35), SCM (32) |
| Ferndale | 9:33 pm | 43 | 1.6m/s NE | Birds & insects (42), traffic (35), SCM (30) |
| Plain View | 8:35 pm | 40 | 1.4m/s E | Birds & insects (37), traffic (37), SCM barely audible |
| Lilydale | 8:15 pm | 38 | 0.4m/s E | Birds & insects (36), traffic (35), SCM (<30) |

The results indicate compliance at all receivers throughout the monitoring period. Monitoring was also conducted at the "Glendower" residence on the 3rd and 4th November 2010 to confirm if mine noise remained within compliance limits at that residence, with results confirming compliance as per the table below:

| Noise Monitoring Results – 3 & 4 November 2010 – Glendower | | | | |
|--|---------|-----------------------|--------------------------|--|
| Date | Time | dB(A),Leq (15 min) | Wind speed/ direction | Identified Noise Sources as dB(A) Leq (15 min) |
| 3 Nov | 8:33 pm | 35 | 0.4m/s E | SCM (33) , birds & insects (31) |
| 4 Nov | 9:15 am | 49 | 1.2m/s E | Birds (49), traffic (35), SCM (32) |

In addition to mine noise assessment, monitoring was undertaken at the “Roslyn” property adjacent to Torrens Lane to determine road noise levels from coal haulage. Over a monitoring period of 1 hour, a total of 11 heavy vehicle movements were measured, consisting of 7 full and 4 empty coal haulage trucks. The measured Leq noise level from vehicles on Torrens Lane was of 53 dB(A) Leq (1 hour), which is compliant with the noise criterion of 55 dB(A) Leq (1 hour).

Air Quality Monitoring

Deposited Dust

Deposited dust levels for the site for the last 12 months are shown in the following table.

Sunnyside Mine – Deposited Dust

| Month | SD1 Ferndale | SD3 Plainview | SD4 Lilydale | SD5 Ivanhoe | SD6 Illili | SD7 Innisvale |
|-----------------------|-----------------|------------------|-----------------|----------------|------------|------------------|
| November 2009 | 0.6 | 25.7 | 1.5 | 3.0 | 0.9 | 1.5 |
| December 2009 | 1.2 | 1.4 | 1.6 | 1.9 | 1.1 | 1.0 |
| January 2010 | 1.8 | 7.9 | 3.0 | 1.9 | 1.7 | 1.6 |
| February 2010 | 2.5 | 1.3 | 0.6 | 1.2 | 0.6 | 0.7 |
| March 2010 | 11.9 | 3.0 | 1.9 | 1.8 | 1.8 | 2.5 |
| April 2010 | 0.9 | 1.2 | 0.9 | 1.8 | 0.6 | 0.6 |
| May 2010 | 1.0 | 1.1 | 0.6 | 1.4 | 2.5 | 0.6 |
| June 2010 | 0.3 | 1.4 | 0.9 | 13.1 | 1.2 | 0.4 |
| July 2010 | 0.4 | 0.4 | 0.2 | 4 | 1.3 | 0.5 |
| August 2010 | 3.2 | 0.4 | 0.3 | 1.2 | 3.0 | 2.0 |
| September 2010 | 0.7 | 0.6 | 0.9 | 2.5 | 6.3 | 1.8 |
| October 2010 | 10.8 | 0.5 | 0.5 | 1.2 | 0.3 | 0.5 |
| Annual Average | 2.9 | 3.7 | 1.1 | 2.9 | 1.7 | 1.1 |

Deposited dust levels have generally remained at consistently low levels over the last 3 months with the exception of the October result at SD1 – “Ferndale”, where a result of 10.8g/m²/month was recorded. This result is considered an outlier compared to the previous months and other monitoring sites.

The annual average is below 4g/m²/month for all sites.

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 14.10µg/m³, which is well below the annual average limit of 30µg/m³.

PM₁₀ measurements taken for the “Lilydale” HVAS are returning an annual average of 10.67µg/m³, which is also well below the annual average limit of 30µg/m³.

Blast Monitoring

Since the first shot there have been 22 blasts. All blasts during this report period have been compliant within the limits of 115dB and 5mm/s.

To date, the highest overpressure recorded is 114.8 dB recorded at “Illili” on the 17th April 2010 & 23rd June 2010. The highest ground vibration recorded is 2.39mm/s recorded at “Plain View” on the 17th April 2009.

Groundwater Monitoring

No additional groundwater monitoring data is available for this reporting period due to delays with the environmental monitoring company contracted to collect and analyse the samples.

Surface Water

No wet weather discharge events have occurred since the last CCC meeting. Surface water sampling from August and November has been undertaken on site. Slightly elevated Total Suspended Solids results were recorded at SD3 (140mg/L) and SD4 (56mg/L), which is associated with the large amounts of rainfall received recently. All other parameters were within concentration criteria if a discharge event was to occur.

Complaints

One complaint was received at the last CCC meeting on the 8th September 2010. Concerns were raised in regard to ongoing noise from the mine site, particularly at night with the extended operating hours. Danny Young and Tim Muldoon met with the complainants on 13th September 2010 to discuss their concerns. At the time of their complaint it was identified that haul trucks to the ROM pad were most likely the noise source. As a means of addressing their concern the option of a private agreement in relation to noise levels was discussed. The complainant advised they would take some time to consider that proposal. A follow up meeting is to be held in the near future to further discuss the issue.

Rehabilitation

The Rehabilitation and Landscape Management Plan was submitted on the 29th October 2010 to the Department of Planning and is awaiting approval. The eastern face of the waste emplacement continues to be rehabilitated via shaping, soil replacement and cover crop establishment. Tree lines for the site’s koala corridors have been ripped, with weed control and management to occur leading up to planting koala feed tree species in Autumn 2011.