



Community Consultative Committee Meeting Minutes

Meeting No: 4

Date: 25 February 2009

Location: Narrabri Coal Operations Turrabaa Homestead

Present: Terry Miller

James Stieger

Sally Hunter

Mark Foster

Ben Bomford (Narrabri Coal Operations Project Manager)

Danny Young (Whitehaven Environmental Manager)

Kellie Sutherland (Site Clerk)

1.0 Apologies

Greig Duncan (Narrabri Coal Operations General Manager)

Peter Webb

Moved James Stieger, 2nd Sally Hunter

2.0 Previous Minutes

Moved James Stieger, 2nd Sally Hunter

2.1 Business Arising from Previous Minutes

Amount of litter on the roadside has decreased.

3.0 General Business

3.1 Construction Progress Report

Site Earthworks complete. Site currently being rehabilitated with grass seeding and reinstatement of contour banks.

The Rail Loop was complete in December. Signalling works to commence in two weeks for completion on 13 June 09.

Permanent administration and workshop building construction well under way with scheduled completion in April 09.

Tunnelling in 350m with a total of 575m over three tunnels. Tunnels will hit basalt sill at the end of April which will require blasting and may take up to 2 months to get through. A second roadheader will shortly be arriving on site to increase production of the drifts. Tunnels are 6m wide by 3.5m high.

Power upgrade is complete from Narrabri to mine site. Connection is scheduled for 11 March 09.

Kurrajong Creek Road works scheduled for completion end of March early April. Median Radius drilling onsite to drain the gas from the coal seam. The Co2 to be processed and delivered into the atmosphere.



Narrabri Coal Operations Pty Ltd

ACN 129 850 139
ABN 15 129 850 139

Narrabri Stage 1 approval did not require biodiversity offsets due to the minimal clearing required for the development. WHC does have in place a regional biodiversity offset proposal which will provide offsets for cleared areas under Whitehaven developments.

Over the next three months conveyor structure will be assembled on site for coal handling.

Mining equipment will begin arriving on site from April through to June.

Permanent workforce to commence in August consisting of 180 people. Integrated workforce when mine in full production will be no more than 230 people. Talks with TAFE are ongoing as NCO is committed to training locals.

3.2 Environmental Overview

As per provided report

4.0 New Business

- Site Open Day – to be held end of July/August with CCC to be heavily involved in organising to ensure the community gets the greatest benefit. The site will cease production for a Saturday. Free buses from local townships to be organised and stations with the underground equipment displayed around the site manned by appropriate people to present the machinery. UG tour to be organised. Site maps and time schedules to be developed. There will be a sausage sizzle.

Special CCC to be held on Wednesday 22 April to make further arrangements. Draft plan to be compiled and BB to provide date.

- CCC to be active in welcoming people to the area and introducing activities in the community. BB advised that potential job applicants are provided with a Narrabri Shire information booklet.
- Current economic conditions are not directly affecting the mine. The WHC merger with Gloucester Coal is an opportunity to expand the company. The Narrabri Coal Mine model was based on current prices and coal has been forward sold.
- Stage 2 specialist consultants currently working on application including Cultural Heritage, Ecology, Mapping, Ground water and Subsidence with reporting expected in March. Document to be submitted at the end of April for public comment. The current design will include a wash plant on site. The plant will be relatively simple in nature and designed to remove stone bands from the coal. It will produce relatively small quantities of reject with an area specified within the lease boundary for reject emplacement. The reject emplacement area will be designed as a zero discharge area. It is expected that approximately 1/3 of annual production will be processed through the plant.

5.0 Complaints and Complaints Hotline

No complaints have been received since the last meeting

6.0 Next Meeting



Narrabri Coal Operations Pty Ltd

ACN 129 850 139
ABN 15 129 850 139

Wednesday 2 May 2009, 4pm, Turrabaa Homestead.

Meeting closed 5.20pm

Narrabri Coal Project Community Consultative Committee Meeting #4

Environmental Monitoring Report November 2008 – January 2009

Noise Monitoring

Since the previous meeting, attended noise monitoring was undertaken on the 17th December to verify if noise levels were within compliance limits. The results of the December monitoring are in the table below.

Noise monitoring results 17th December 2008

Location	Time	dB(A), Leq	Wind Speed / Direction	Noise Source
Kurrajong	8:51am	37.3	Calm	Traffic(35), Domestic(34), NCM(<20)
Bow Hills	9:12am	58.2	0.5 m/s, W	Truck(58), NCM(<25)
Greylands	9:35am	38.8	0.5 m/s, W	Birds(37), Traffic(33), NCM(25)
Westhaven	9:57am	38.0	2 m/s, W	Wind(35), Domestic(34), NCM(inaudible)
Naroo	8:20am	38.0	1.5 m/s, W	Traffic(36), Birds(32) NCM(inaudible)

The above monitoring results demonstrate compliance at all receivers throughout the survey.

Unattended noise monitoring was also undertaken through December as required under the consent. Noise logs have been provided to Narrabri Coal from the consultant as part of the background noise collation. This data does not distinguish between mine and other noise sources and as such the data is not presented in this report. It is anticipated that following the first 12 months of mining from the project site, the requirement for ongoing unattended noise monitoring will be removed.

Deposited Dust Monitoring

Month	ND1 Turrabaa	ND2 Claremont	ND3 Bow Hills	ND4 Matoppo	ND5 Claremont	ND6 Willarah	ND7 Claremont	ND8 Claremont
January 2008	0.6	0.5	0.4	1.4	0.2	1.6	0.6	0.4
February 2008	0.9	0.8	0.5	1.0	2.3	6.2	1.3	0.6
March 2008	1.6	3.7	1.5	1.1	1.3	1.7	1.2	1.1
April 2008	2.5	1.1	0.9	1.2	1.7	1.0	1.0	0.6
May 2008	3.5	2.6	2.2	2.1	2.3	2.0	0.6	1.5
June 2008	4.2	1.7	3.5	0.9	1.7	0.4	1.3	0.6
July 2008	3.1	0.6	4.4	0.5	1.9	0.4	0.3	0.3
August 2008	1.2	0.5	3.6	1.6	3.3	0.4	0.5	0.5
September 2008	3.8	1.4	1.4	8.6	4.3	1.0	0.8	0.6
October 2008	28.6	0.8	0.8	10.9	1.9	4.6	0.9	0.6
November 2008	13.1	1.6	0.9	24.9	1.3	1.5	1.4	0.1
December 2008	2.2	1.3	0.8	15.6	1.5	2.3	1.1	0.1
Annual Average	5.4	1.4	1.7	5.8	1.9	1.9	0.9	0.6

The above results indicate that dust levels surrounding the site have remained relatively consistent with the exception of the Turrabaa monitor and the Matoppo monitor. Deposited dust levels at these two sites were significantly higher over the period September 08 to December 08 as compared to previous results.

On review of lab analysis reports from Ecowise for these two monitoring points the following was noted:-

ND1 – Sample brown and cloudy with leaf matter (October)
Sample cloudy brown with insects (November)

ND4 – Sample cloudy brown with insects (September)
Sample brown and cloudy with leaf matter (October)
Sample cloudy brown with insects and leaf matter (November)
Sample dark brown with insects (December)

The lab analysis indicates a level of contamination in the samples from both vegetative matter and insects which would have impacted on the total insoluble matter recorded. Ash content from those samples (the combustible material ie. not attributable to dust) was also relatively high. On review of the weather station data for those months it was also determined that:

September 2008: Rainfall 89.0mm with wind directions predominant from the north west and south east.

October 2008: Rainfall 49.0mm with wind directions predominant from the north west and south east.

November 2008: Rainfall 129.6mm with wind directions predominant from the south east.

December 2008: Rainfall 189.4mm with wind directions predominant from the north west and south east.

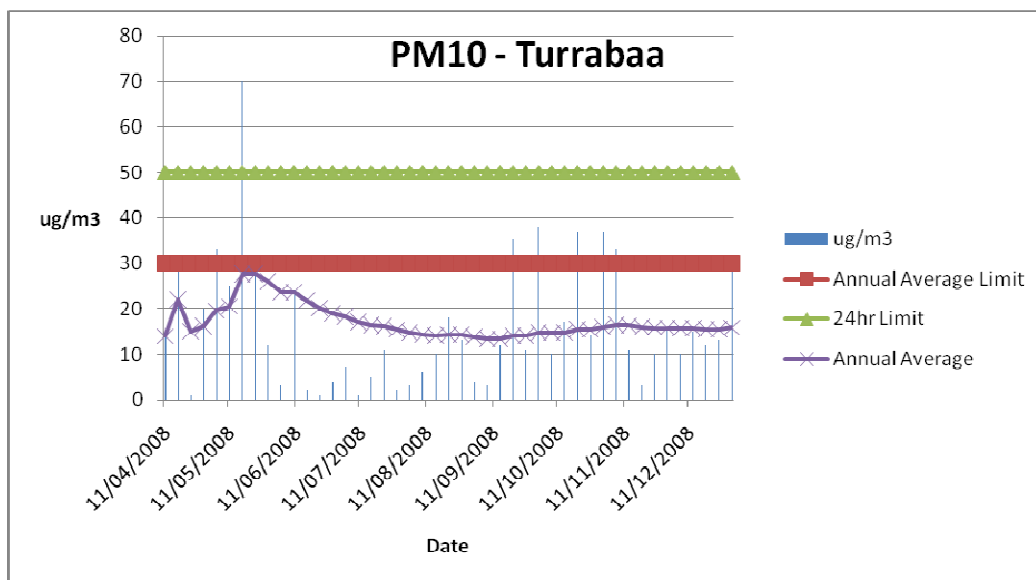
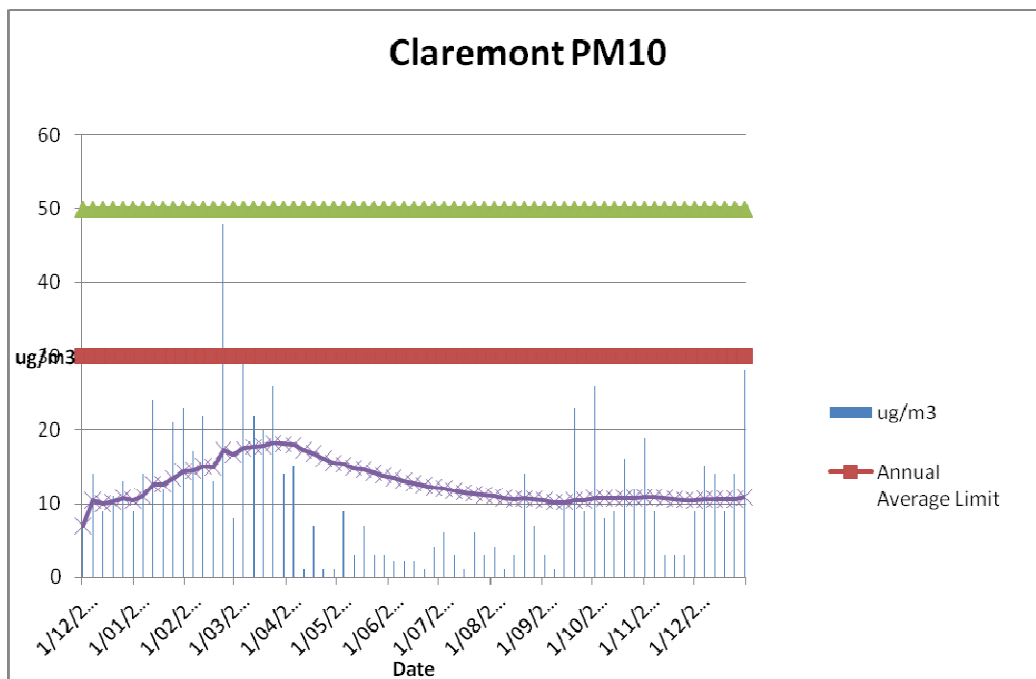
As indicated from the weather station data, rainfall over this period has been higher than previous months which would have reduced surface dust generation from the project site. It is also noteworthy that during this period, surface construction activity has reduced significantly as compared to previous months. Activities that have been occurring on site which may have contributed to the elevated dust levels include refurbishment and construction of surface water storage dams located to the north and north east of the Turrabaa monitor, as well as refurbishment of a surface water storage dam on the pit top area boundary south of the Matoppo monitor. Other activities that have been identified off the project site include construction works on Kurrajong Creek Road and general farming activities.

Deposited dust levels at these monitors will be closely monitored over the next few rounds of analysis. Of particular relevance over this period will be the completion of surface water storage refurbishment and establishment of groundcover in these areas, as well as completion of works on Kurrajong Creek Road.

High Velocity Air Sampling (PM10)

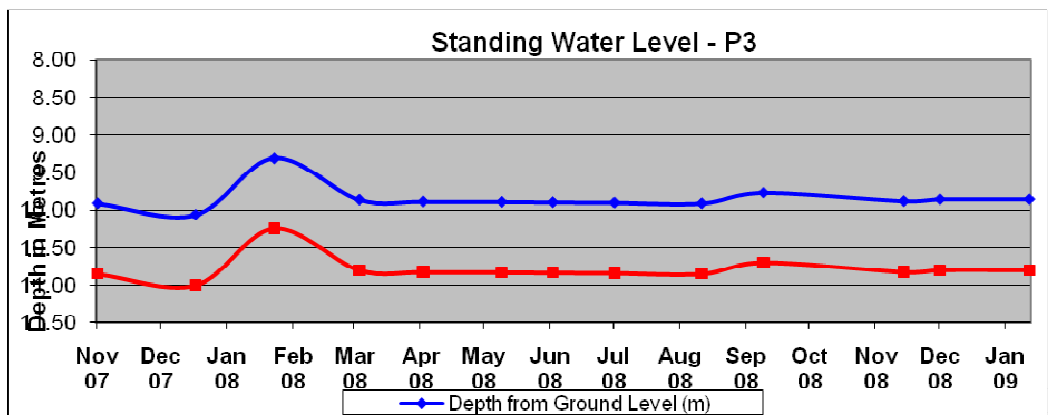
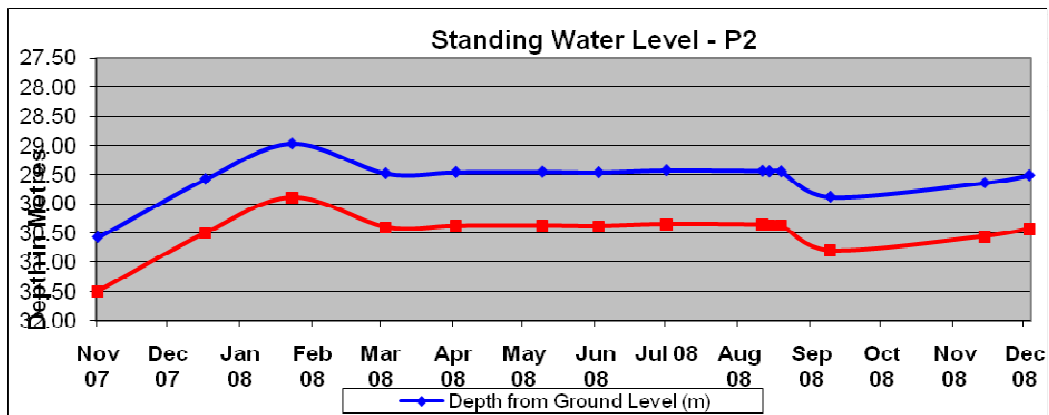
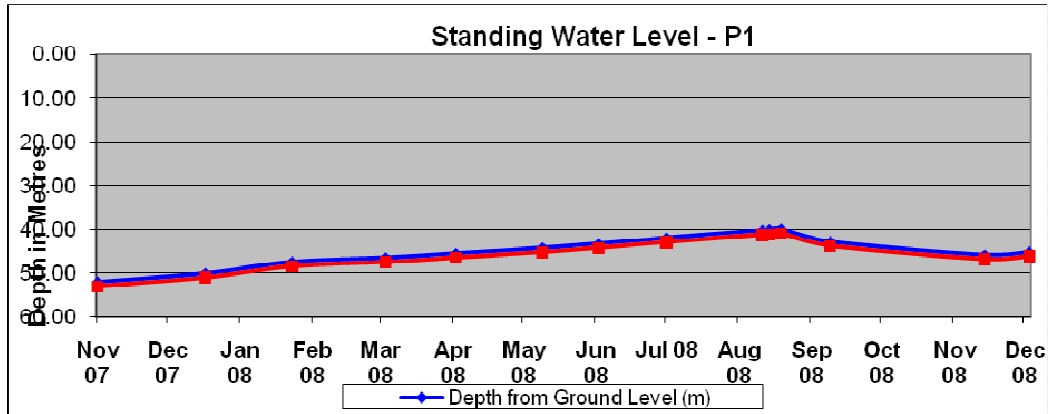
PM10 measurements taken to date for the Claremont High Velocity Air Sampler is returning a running annual average of 10.90ug/m^3 which is well below the annual average limit of 30ug/m^3 . The highest reading from this sampler remains at 48ug/m^3 as measured on 23rd February 2008.

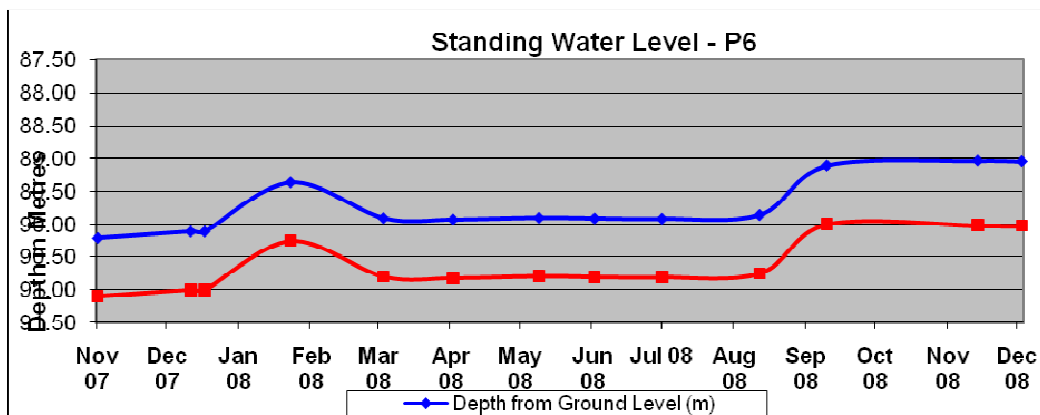
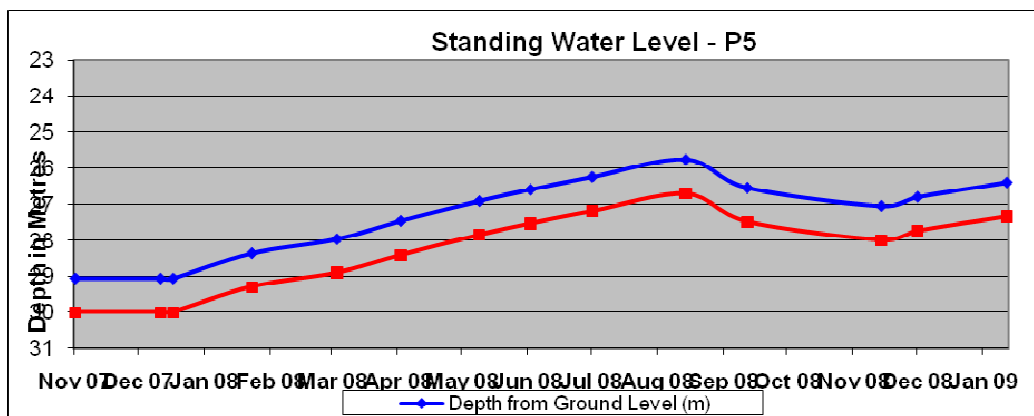
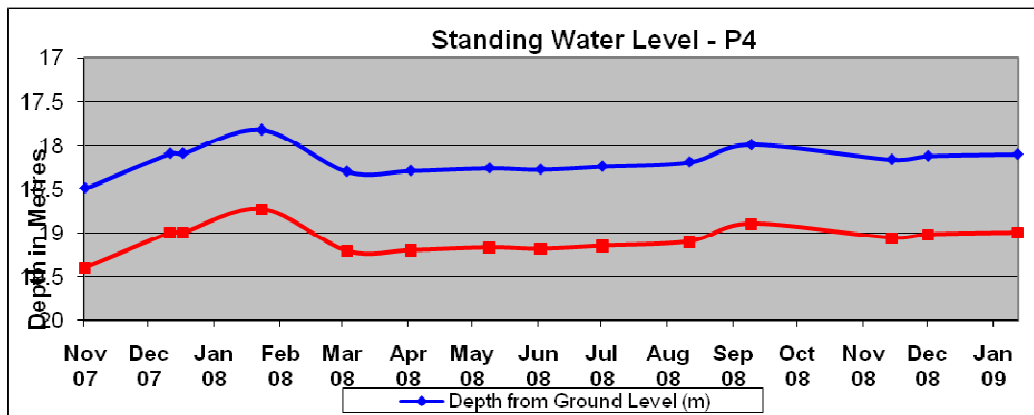
PM10 measurements taken to date for the Turrabaa High Velocity Air Sampler is returning a running annual average of 15.89ug/m^3 which is well below the annual average limit of 30ug/m^3 . The highest reading from this sampler remains at 70ug/m^3 as measured on 17th May 2008.

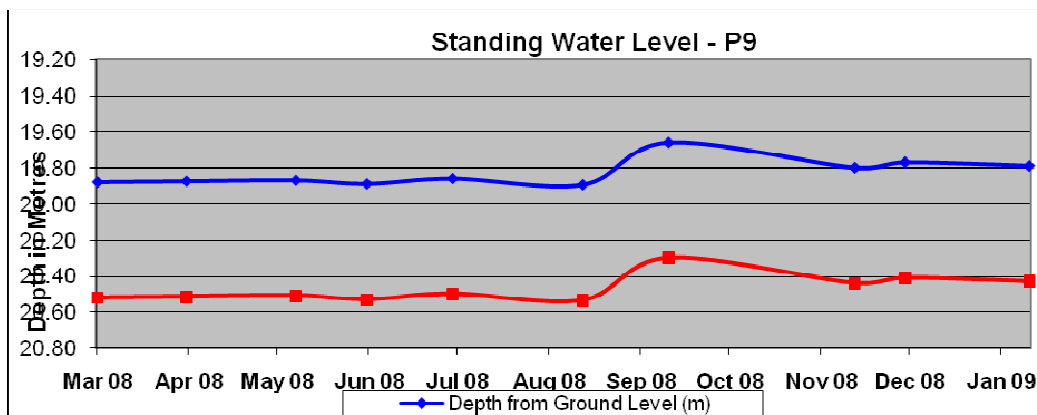
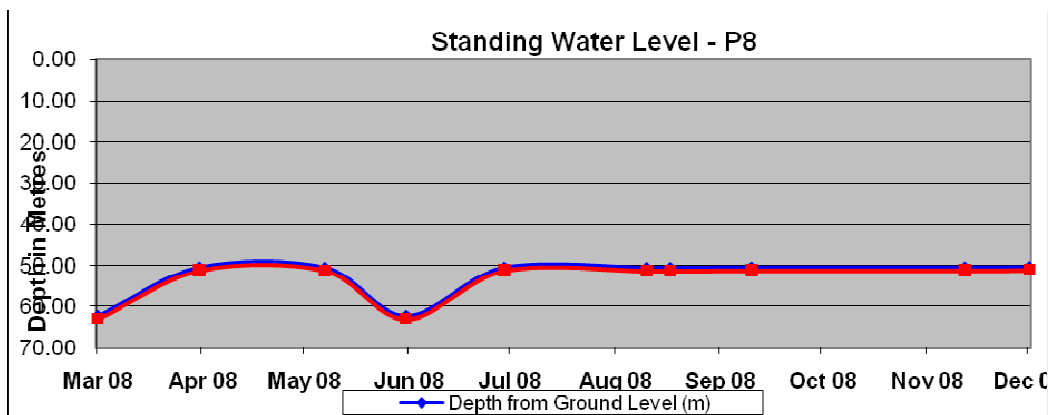
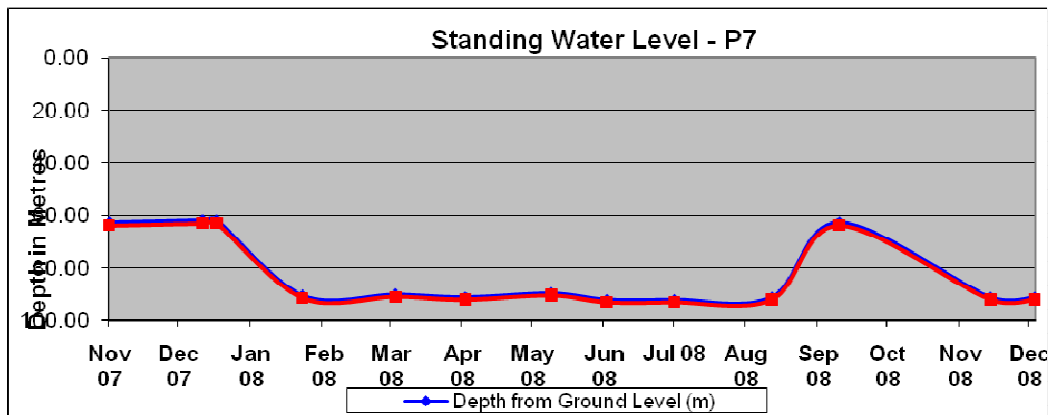


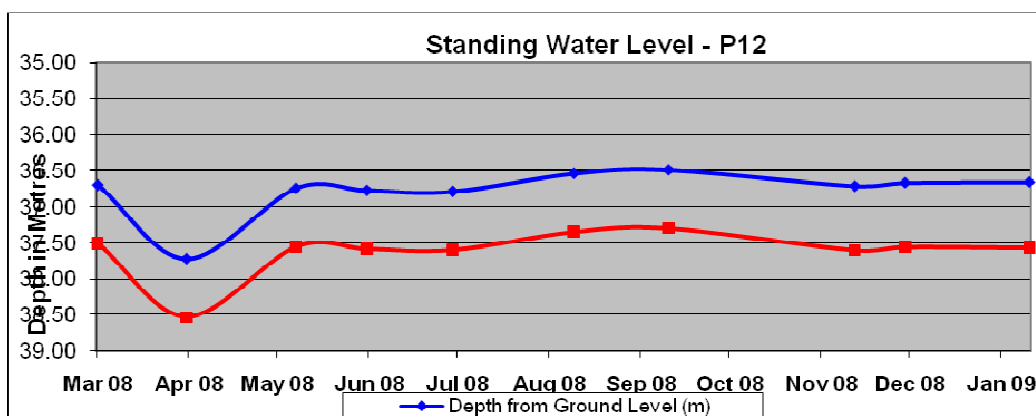
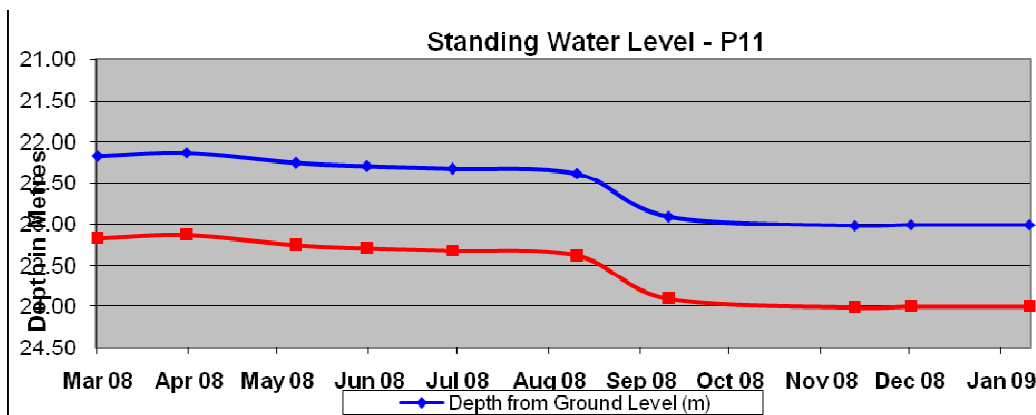
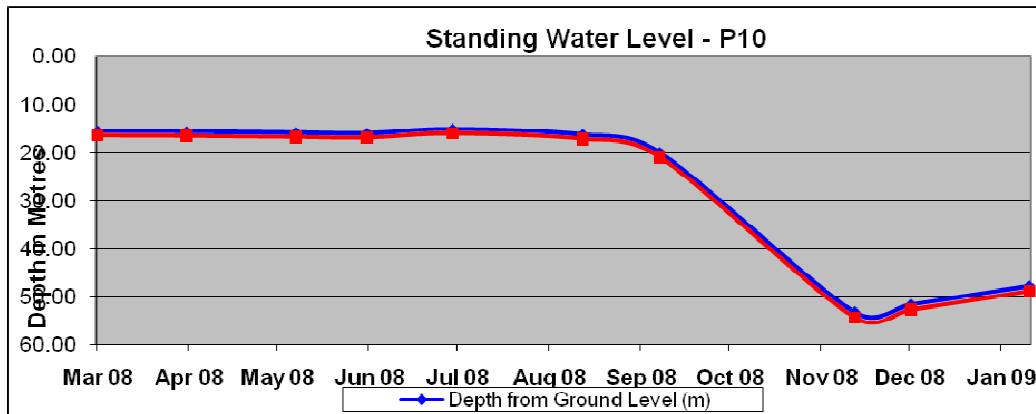
Groundwater Monitoring

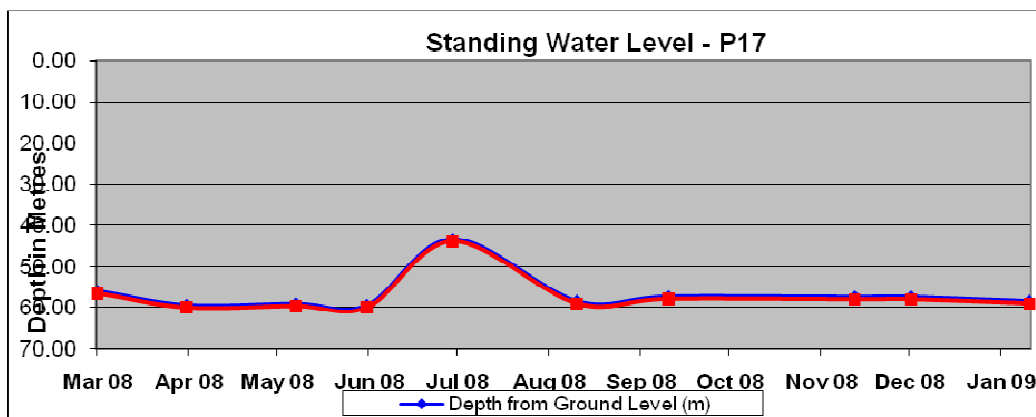
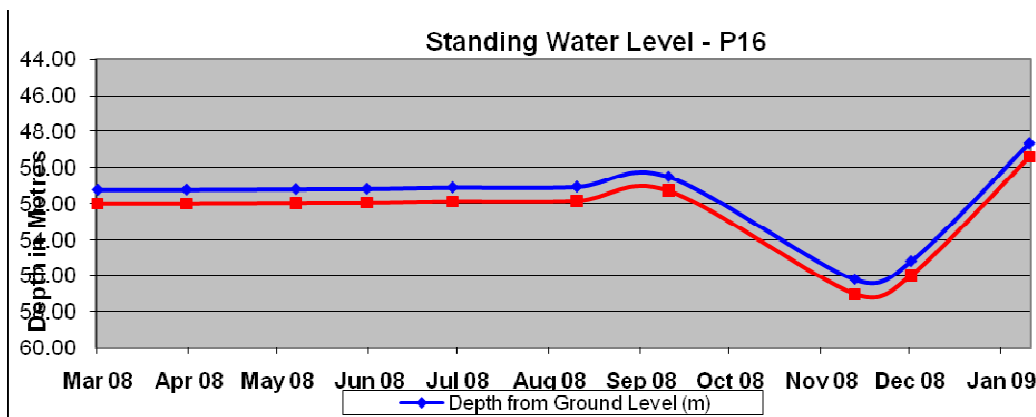
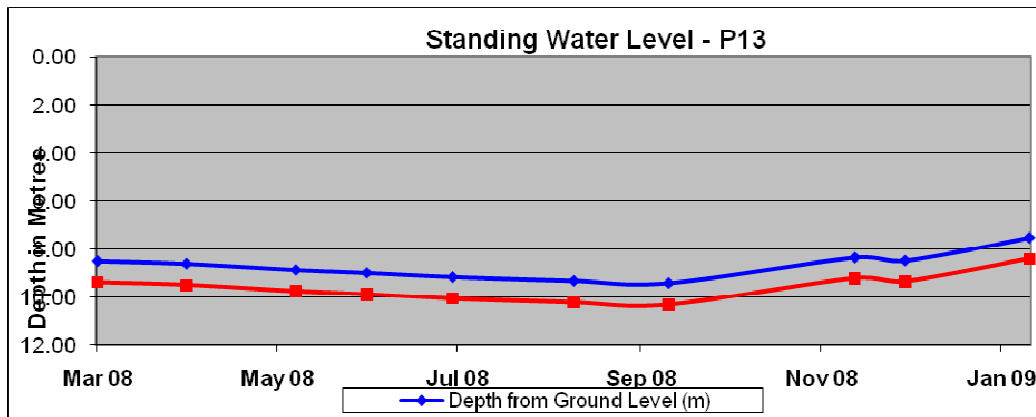
Groundwater monitoring data to date as follows:-

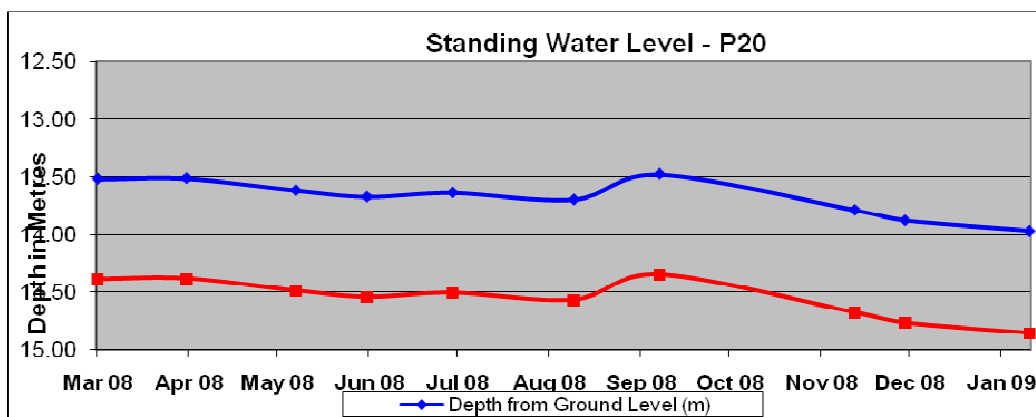
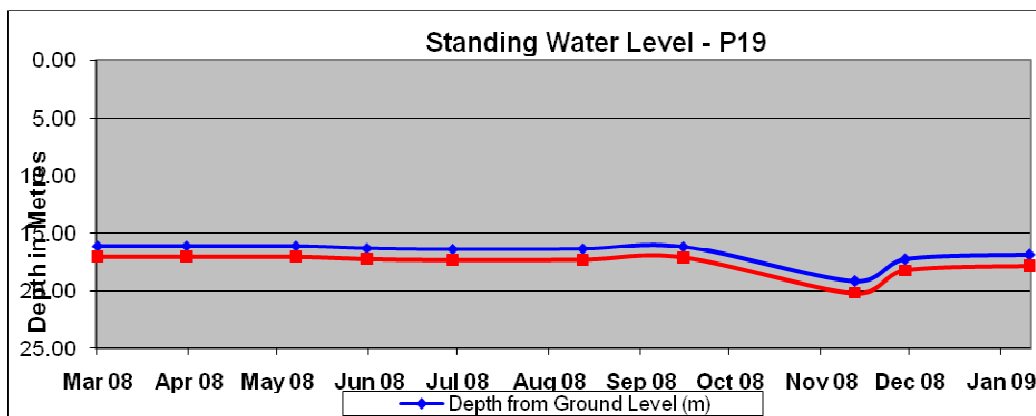
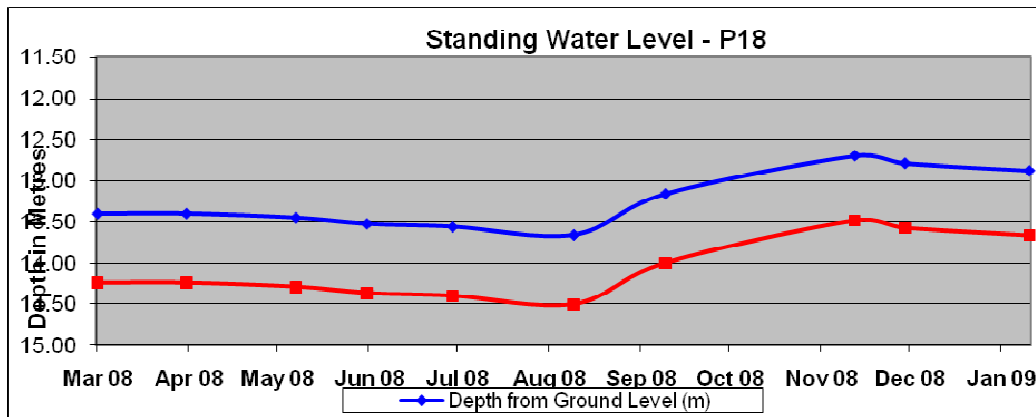


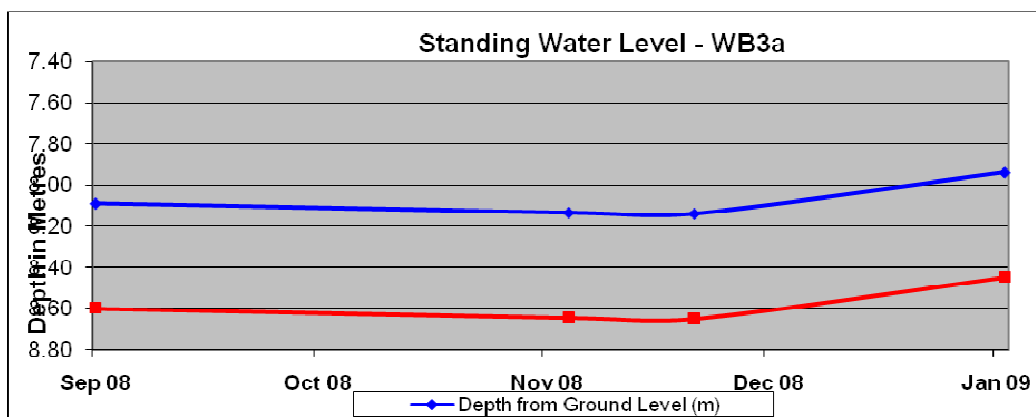
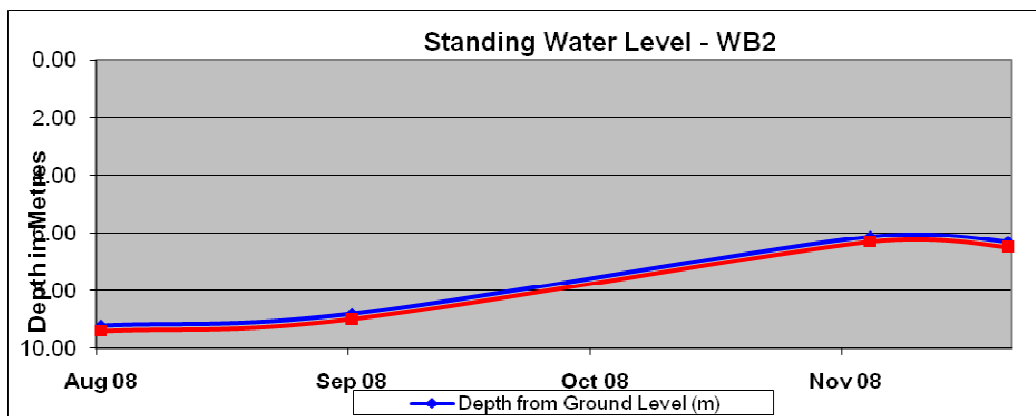
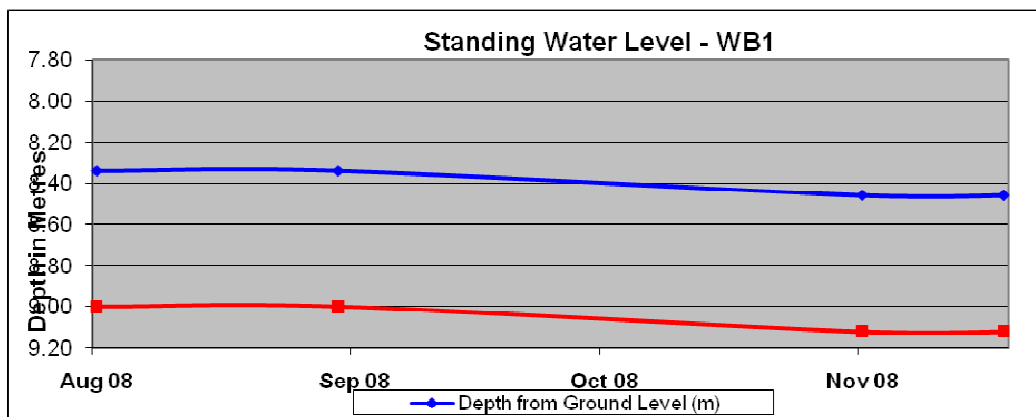


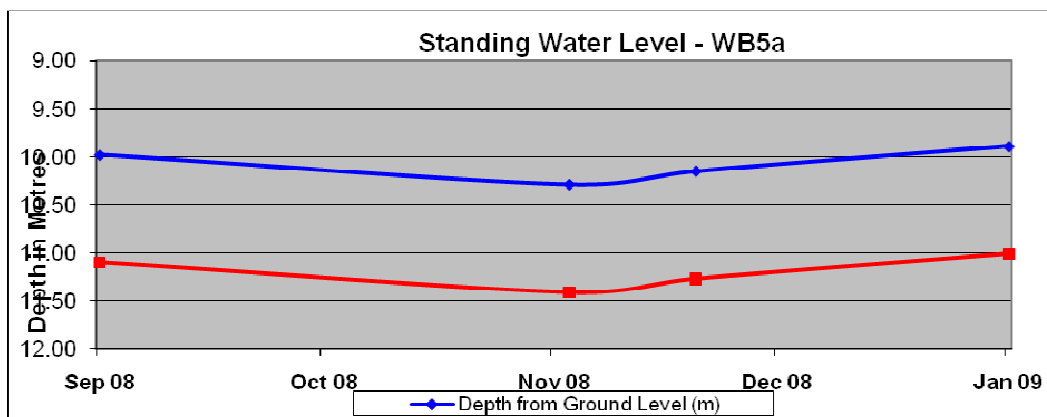
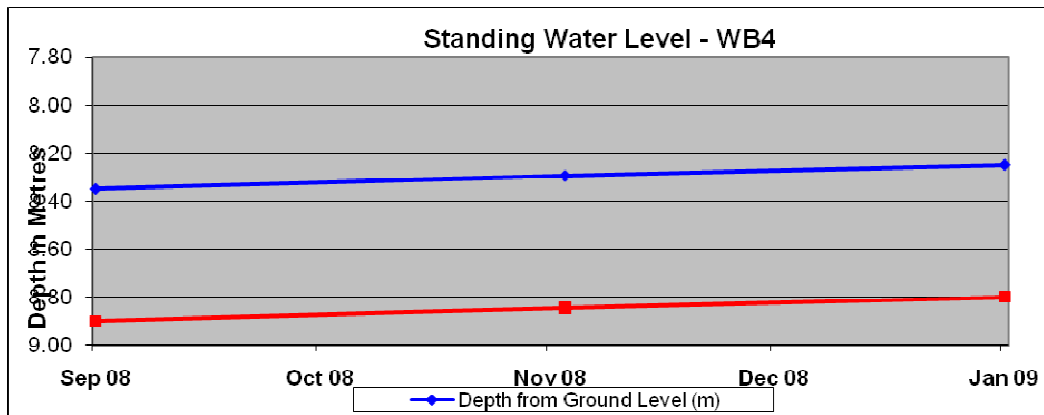
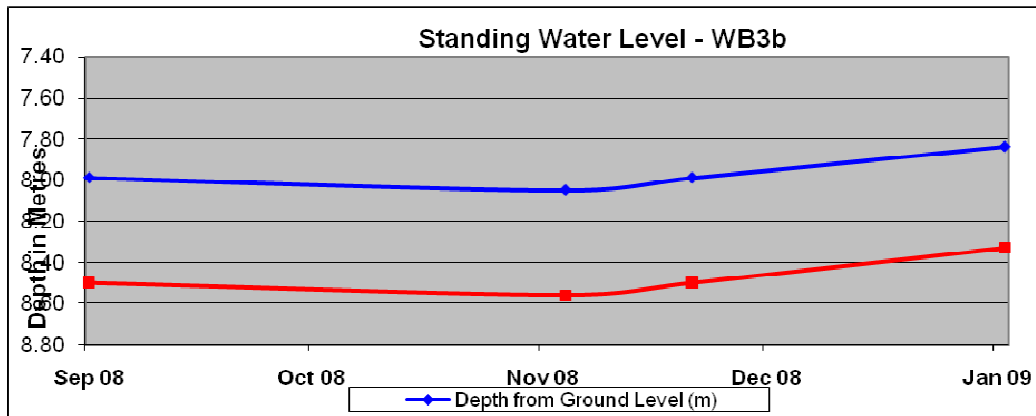


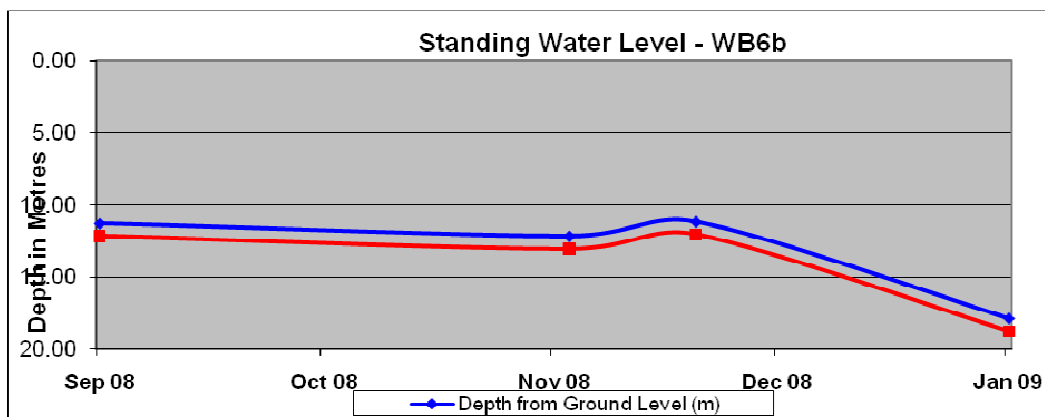
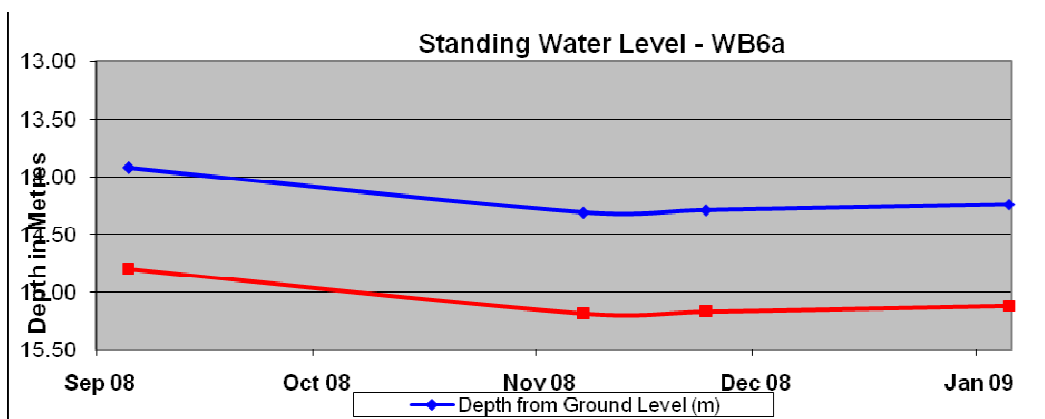
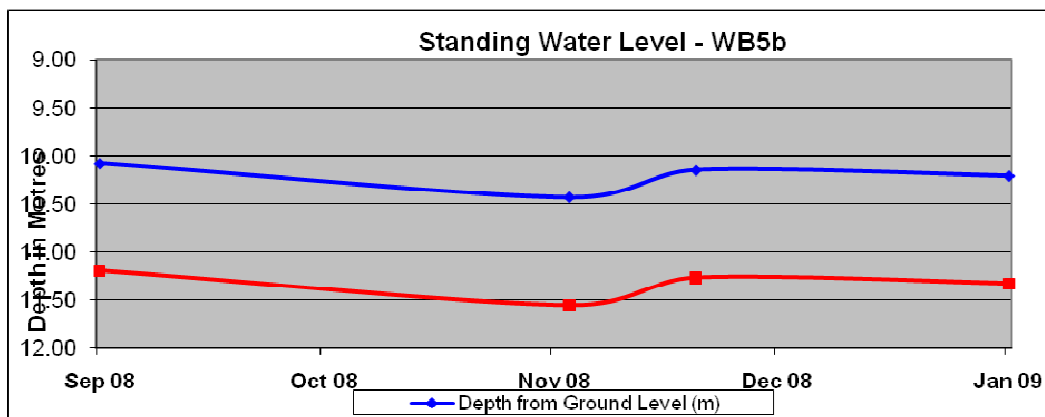


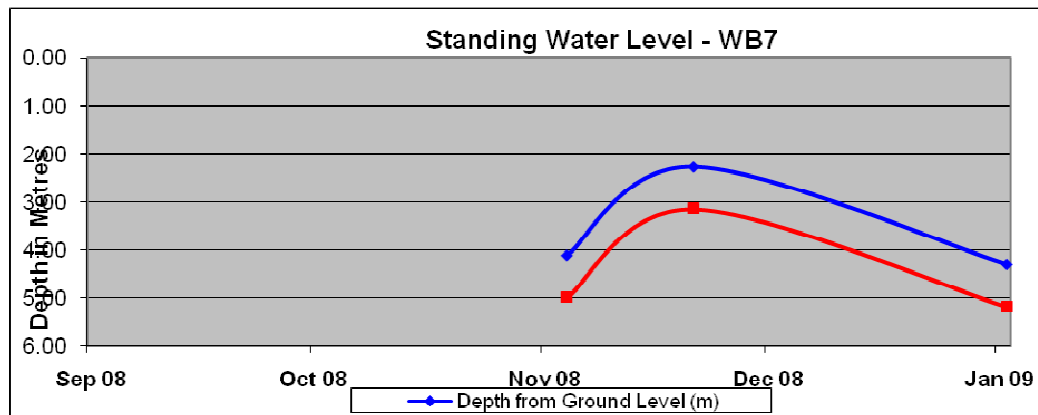












Monitoring data to date indicates minor variability with most monitoring points indicating a level of recharge in groundwater levels following rainfall over the period September to December 2008. Ongoing monitoring will allow for assessment of seasonal variations and then subsequent impact from mining operations once mining commences.

Surface Water Monitoring

A number of rainfall events have provided the opportunity for baseline water sampling upstream and downstream of the project site in Kurrajong Creek and Pine Creek.

During January 2009, officers from the Department of Environment and Climate Change visited the site in order to finalise surface water discharge locations to enable variation to the existing licence for inclusion of discharge monitoring locations and concentration thresholds. The licence variation is currently awaiting formal approval.

The following tables provide surface water sampling results obtained since the previous meeting.

Date	Time	Sample Location	pH	Electrical Conductivity ($\mu\text{S}/\text{cm}$)	Total Suspended Solids (mg/L)	Grease & Oil (mg/L)
15 December 2008	1605	KCUS	7.1	355	21	<2
15 December 2008	1614	KC2US	6.9	95	8	<2
15 December 2008	1623	KCUS	7.5	55	6	<2
15 December 2008	1645	PC	7.2	125	12	<2

15 December 2008	1700	PC1	6.9	95	8	<2
15 December 2008	1713	KC1DS	8.2	315	42	<2
15 December 2008	1725	KC2DS	7.4	185	289	<2

Date	Time	Sample Location	pH	Electrical Conductivity (us/cm)	Total Suspended Solids (mg/L)	Grease & Oil (mg/L)
29 December 2008	1535	KC1US	6.9	95	48	<2
29 December 2008	1519	KC2US	6.8	90	17	<2
29 December 2008	1500	SD5	7.4	220	362	<2
29 December 2008	1512	KCDS	7.1	450	26	<2

Complaints

There have been no formal complaints made since the previous meeting.

Discussions were held with Mr Lennox of "Kurrajong" pertaining to surface water management issues related to works on Kurrajong Creek Road during January. This matter was resolved.

Rehabilitation

Groundcover establishment has been undertaken on sections of the visual amenity bund with some areas requiring retreatment. Groundcover has also been established on the access road verge. Additional seeding is proposed for waterways, the amenity bund, the banks of surface water structures in the next few weeks. Tree planting will be undertaken at the south eastern end of the amenity bund, along the amenity bund and at strategic locations around the site during April and May 2009.



Community Consultative Committee Meeting Minutes

Meeting No: 5

Date: 27 May 2009

Location: Narrabri Coal Operations Turrabaa Homestead

Present: Terry Miller

Clr Ken Bates

Mark Foster

Ben Bomford (Narrabri Coal Operations Project Manager)

Danny Young (Whitehaven Environmental Manager)

Kellie Sutherland (Site Clerk)

Jill Scealy (Whitehaven Environmental Officer)

1.0 Apologies

Sally Hunter

Les Knox

James Stieger

Moved Clr Ken Bates

2.0 Previous Minutes

Moved Ben Bomford

2.1 Business Arising from Previous Minutes

Open day to be held on 1st November. This will involve bus collection points from Narrabri and Boggabri for which bookings would need to be made in advance so numbers can be clarified. Would set up review points across the site with personnel to provide commentary to visitors.

3.0 General Business

3.1 Construction Progress Report

Signalling works due for completion on 13 June 09.

Permanent administration and workshop building construction complete, moving in early June.

Centre roadway has hit basalt sill. Two remaining tunnels expected to hit sill shortly. Blasting to commence mid June and may take up to 2 months. Second roadheader operating on site. Currently behind schedule with sill blasting to take up to two months.

Power upgrade is complete from Narrabri to mine site. Commissioning of site transformer 6 June 09.

Kurrajong Creek Road works completed.

Median Radius drilling onsite to drain the gas from the coal seam. The CO₂ to be processed and delivered into the atmosphere.

Conveyor structure assembly commenced on site with civil works underway for the Train Load Out and Reclaim facilities. Erection of structure over next few months.



Narrabri Coal Operations Pty Ltd

ACN 129 850 139
ABN 15 129 850 139

Recruitment drive has commenced with initial 8 operational positions currently advertised. Next intake will be October, then December then March.

Stage two works approval going well. Expect submission to Department of Planning by end of July with approval by January 2010.

3.2 Environmental Overview

As per provided report

4.0 New Business

No new business

5.0 Complaints and Complaints Hotline

As per provided report

6.0 Next Meeting

Wednesday 26 August 2009, 4pm, Turrabaa Homestead.
Meeting closed 5.05pm

Narrabri Coal Project Community Consultative Committee Meeting #5

Environmental Monitoring Report February 2009 – April 2009

Noise Monitoring

Attended noise monitoring was undertaken on the Monday 23rd and Tuesday 24th March 2009 to verify if noise levels were within compliance limits. The results from this monitoring are detailed in the tables below.

Noise monitoring results 23 March 2009 (evening)

Location	Time	dB(A),Leq	Wind speed/ direction	Identified Noise Sources
Bow Hills	7:31 pm	47.0	Calm	Traffic (47), NCM (25)
Naroo	7:53 pm	45.2	Calm	Insects (43), Traffic (39), NCM inaudible
Kurrajong*	8:16 pm	42.5	Calm	Insects (41), NCM (<15)
Westhaven	8:48 pm	38.9	0-0.5m/s SE	Insects (38.9), NCM inaudible
Greylands	9:14 pm	46.8	Calm	Insects (46), NCM (23)

* Correction of -8dB applied to the *mine noise component only* measured at "Claremont" boundary.

Noise monitoring results 24 March 2009 (Day)

Location	Time	dB(A),Leq	Wind speed/ direction	Identified Noise Sources
Naroo	8:32 am	N/A	Calm	Roadworks – no measurement taken
Kurrajong*	8:46 am	39.7	Calm	Birds (39), NCM (<15)
Westhaven	9:07 am	31.4	Calm	Birds (31), NCM inaudible
Greylands	9:28 am	42.0	Calm	Birds (41), Traffic (35), NCM inaudible
Bow Hills	7:45 pm	42.3	Calm	Birds (42), NCM (27)

* Correction of -8dB applied to the *mine noise component only* measured at "Claremont" boundary.

Noise monitoring results 23-24 March 2009 (Night)

Location	Time	dB(A),Leq	Wind speed/ direction	Identified Noise Sources
Bow Hills	10:29 pm	44.2	Calm	Insects (42), Traffic (40), NCM inaudible
Naroo	10:43 pm	44.8	Calm	Traffic (44), Insects (32), NCM inaudible
Kurrajong*	11:03 pm	46.8	Calm	Insects (46), NCM (<15)
Westhaven	11:27 pm	26.1	Calm	Insects (26), NCM inaudible
Greylands	11:49 pm	40.0	Calm	Cattle (37), Insects (34), NCM inaudible
Kurrajong*	12:07 am	46.5	Calm	Insects (46), NCM (<15)
Kurrajong*	12:47 am	47.5	Calm	Insects (47), NCM (<15)
Kurrajong*	1:18 am	47.8	Calm	Insects (47), NCM (19)
Kurrajong*	2:13 am	43.2	Calm	Insects (43), NCM (18)

* Correction of -8dB applied to the mine noise component only measured at "Claremont" boundary. It was not possible to conduct monitoring at a point within 30m of the residence, as access to the property was denied by the land owner. An alternative location was chosen at the edge of mine owned land in the direction of "Kurrajong". Measurements were taken near the boundary fence with "Claremont", which is approximately half way between the works for construction of the box cut and the "Kurrajong" residence. Noise contours from the project EA showed that the noise level at "Kurrajong" is approximately 8 dB lower than at the measurement point.

The above monitoring results demonstrate compliance at all receivers throughout the survey.

Unattended noise monitoring was also undertaken through March as required under the consent. Noise logs have been provided to Narrabri Coal from the consultant as part of the background noise collation. This data does not distinguish between mine and other noise sources and as such the data is not presented in this report. It is anticipated that following the first 12 months of mining from the project site, the requirement for ongoing unattended noise monitoring will be removed.

Deposited Dust Monitoring

Month	ND1 Turrabaa	ND2 Claremont	ND3 Bow Hills	ND4 Matoppo	ND5 Claremont	ND6 Willarath	ND7 Claremont	ND8 Claremont
March 2008	1.6	3.7	1.5	1.1	1.3	1.7	1.2	1.1
April 2008	2.5	1.1	0.9	1.2	1.7	1.0	1.0	0.6
May 2008	3.5	2.6	2.2	2.1	2.3	2.0	0.6	1.5
June 2008	4.2	1.7	3.5	0.9	1.7	0.4	1.3	0.6
July 2008	3.1	0.6	4.4	0.5	1.9	0.4	0.3	0.3
August 2008	1.2	0.5	3.6	1.6	3.3	0.4	0.5	0.5
September 2008	3.8	1.4	1.4	8.6	4.3	1.0	0.8	0.6
October 2008	28.6	0.8	0.8	10.9	1.9	4.6	0.9	0.6
November 2008	13.1	1.6	0.9	24.9	1.3	1.5	1.4	0.1
December 2008	2.2	1.3	0.8	15.6	1.5	2.3	1.1	0.1
January 2009	3.2	2.3	1.4	27.9	1.9	2.6	0.8	1.6
February 2009	1.8	1.9	0.5	9.4	2.0	13.8	1.0	3.5
March 2009	0.6	13.8	3.1	5.1	35.5	6.6	3.6	3.5
Annual Average	5.34	2.56	1.92	8.45	4.66	2.95	1.12	1.12

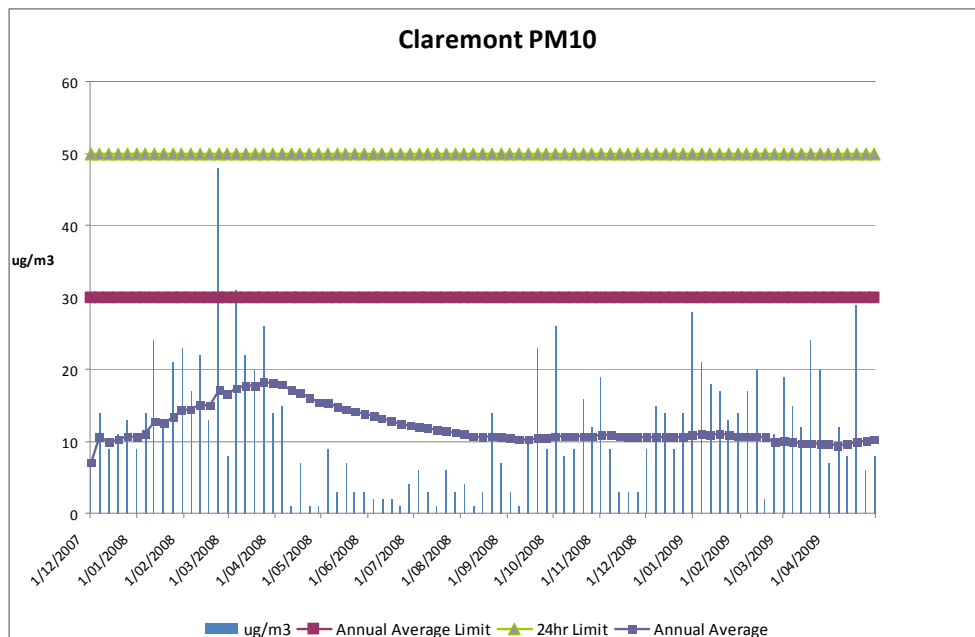
The deposited dust results indicate that a number of outlier results have significantly skewed the overall annual average, specifically for monitors ND1, ND2, ND4 and ND5. Contamination of samples has been a particular problem, particularly from leaf matter, insects and bird and frog droppings. Results over March from ND2 and ND5 were inconsistent with previous months results which further indicates contamination issues. It is also noteworthy that over this period there has been cultivation activity immediately adjacent to a number of the affected monitors.

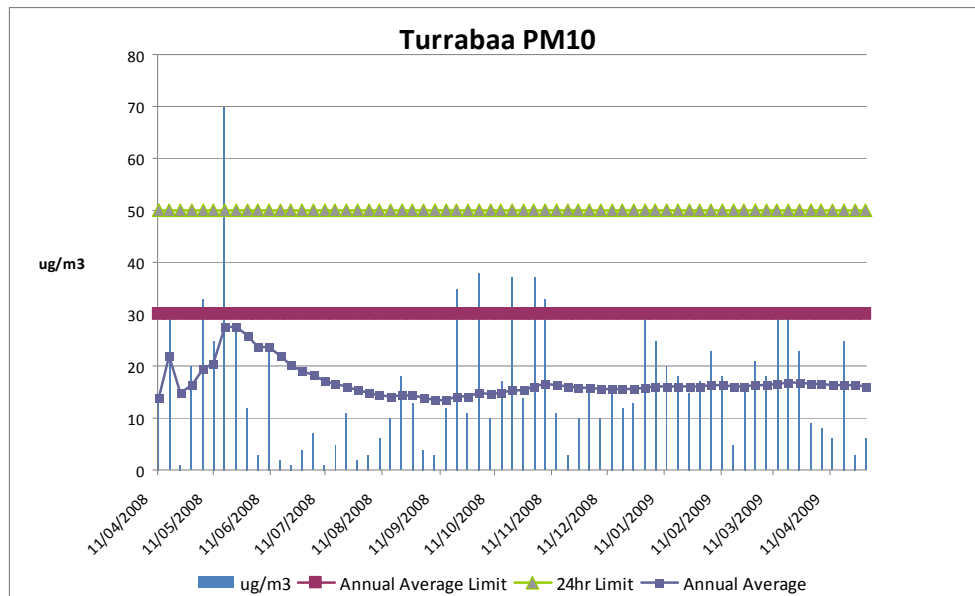
Given the reduced extent of surface construction activity over this period, the high deposited dust readings are considered more likely to be associated with contamination and other factors, and not necessarily connected to operations at the Narrabri site. This will be reviewed with the collection of the May dust data.

High Velocity Air Sampling (PM10)

PM10 measurements taken to date for the Claremont High Velocity Air Sampler is returning a running annual average of 10.16ug/m^3 which is well below the annual average limit of 30ug/m^3 . The highest reading from this sampler remains at 48ug/m^3 as measured on 23rd February 2008.

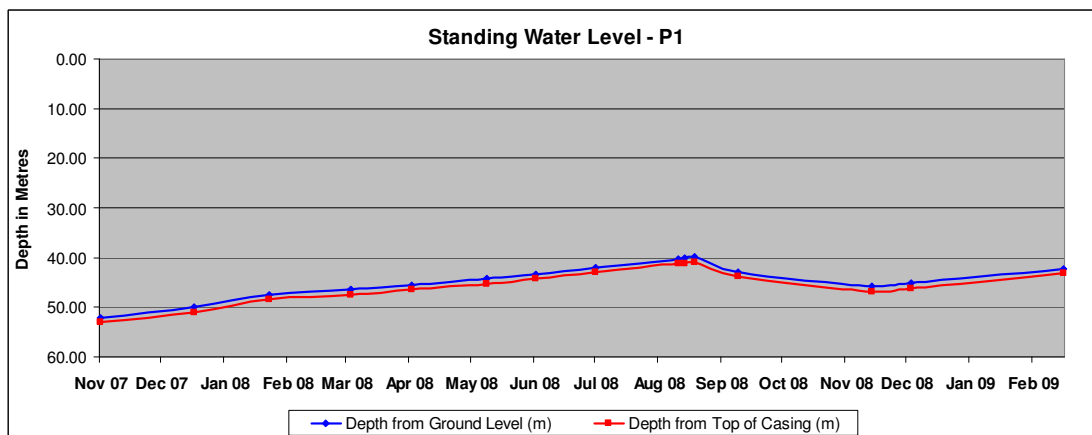
PM10 measurements taken to date for the Turrabaa High Velocity Air Sampler is returning a running annual average of 16.15ug/m^3 which is well below the annual average limit of 30ug/m^3 . The highest reading from this sampler remains at 70ug/m^3 as measured on 17th May 2008.

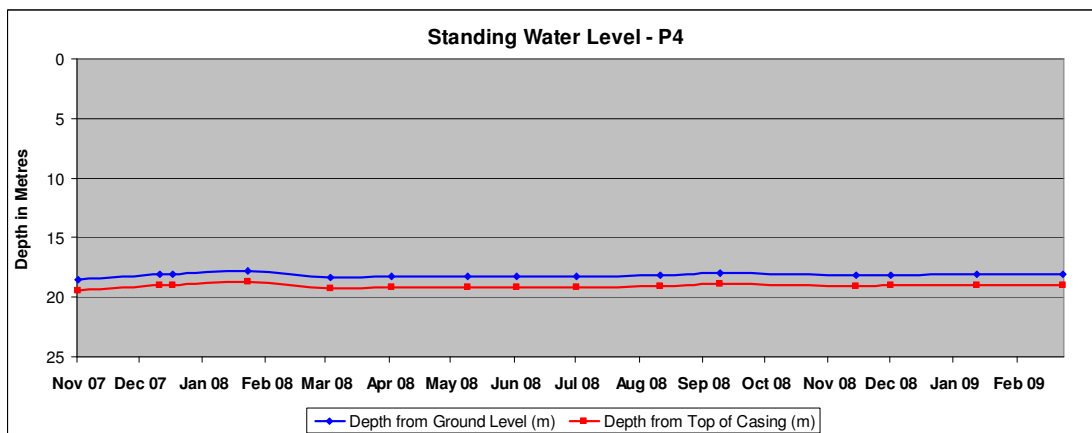
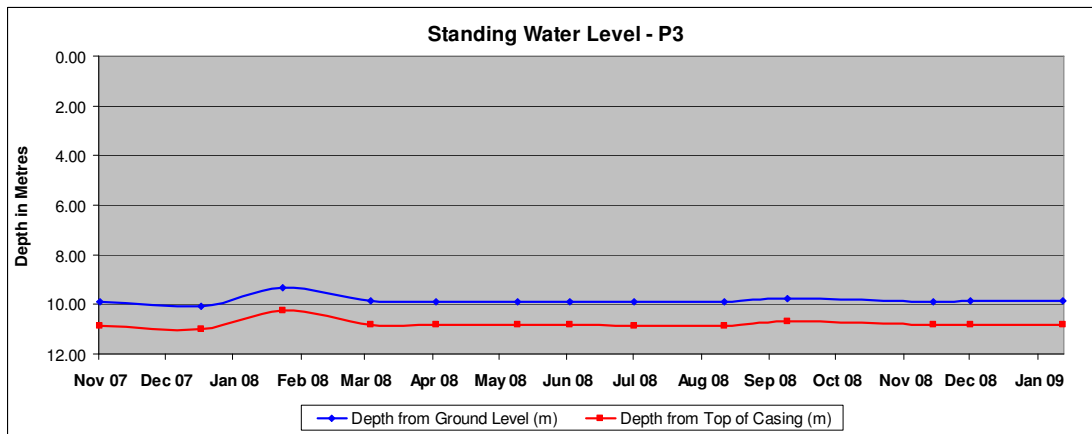
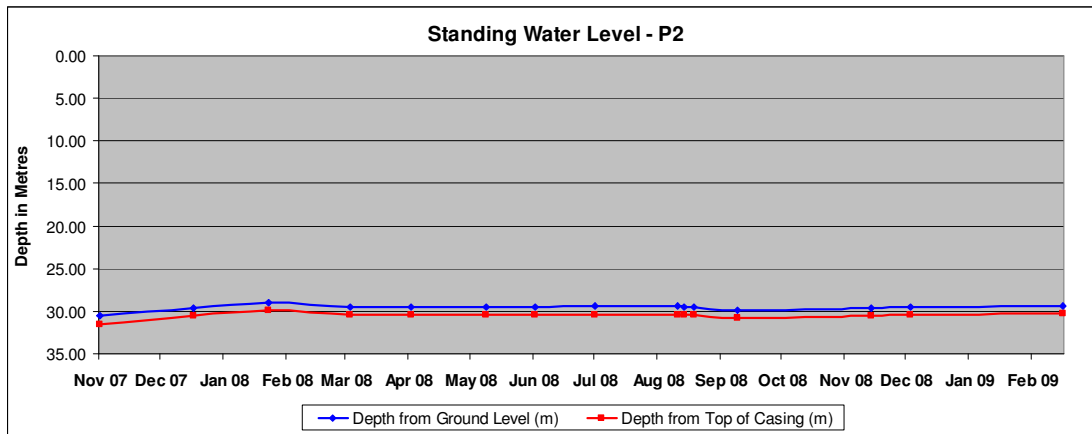


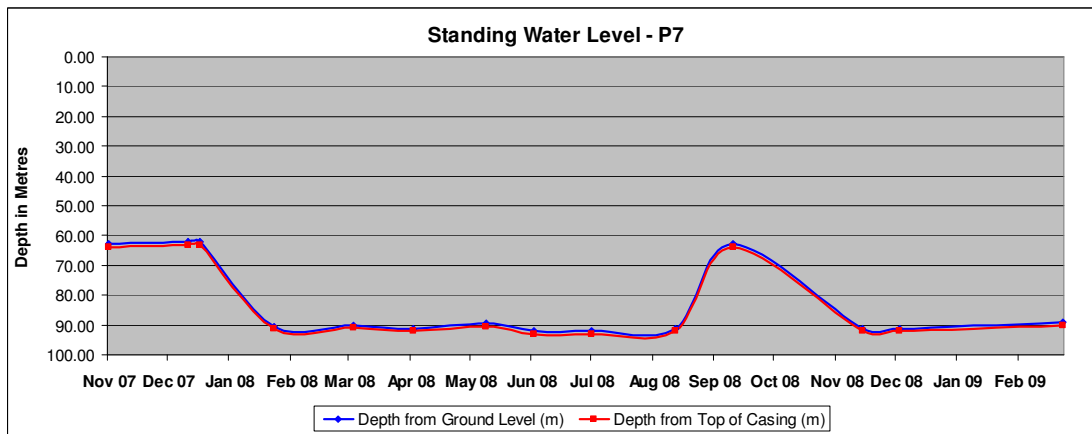
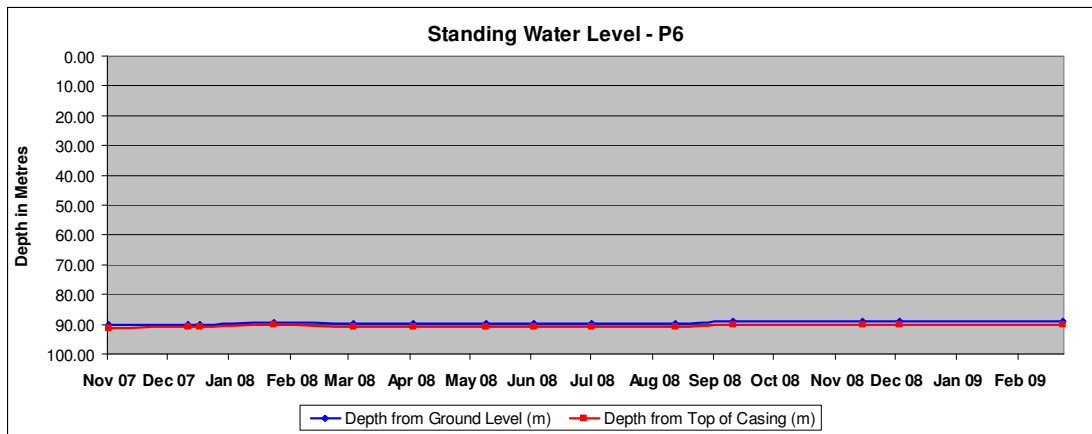
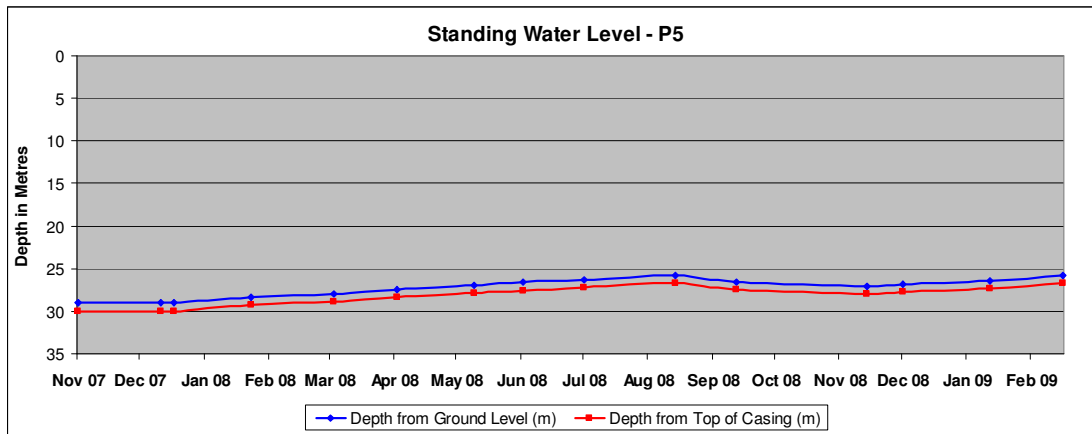


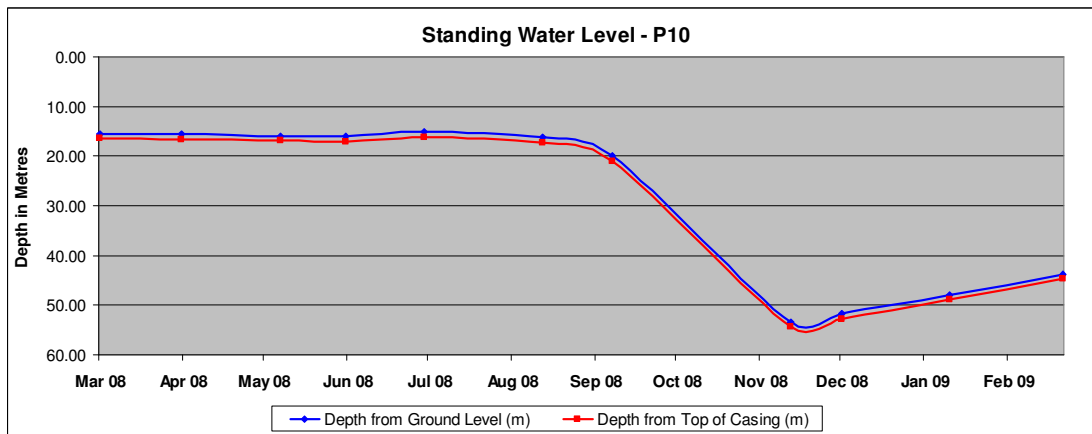
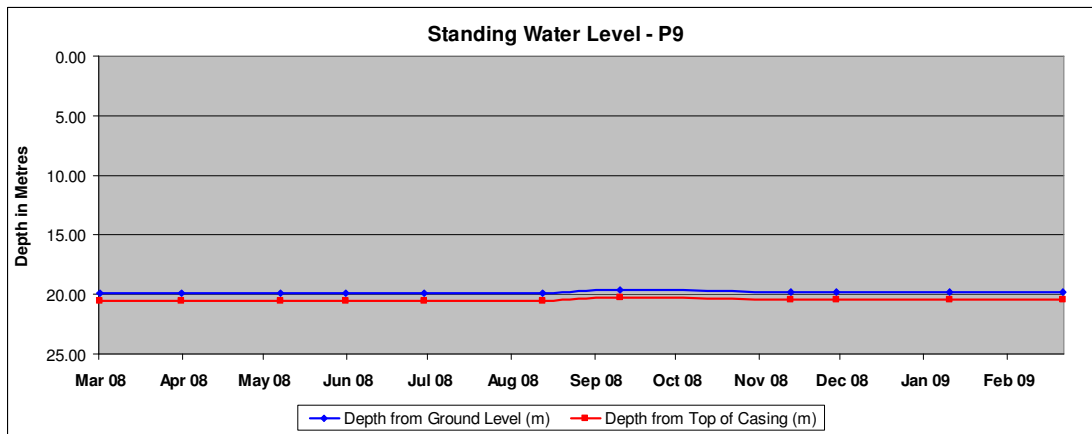
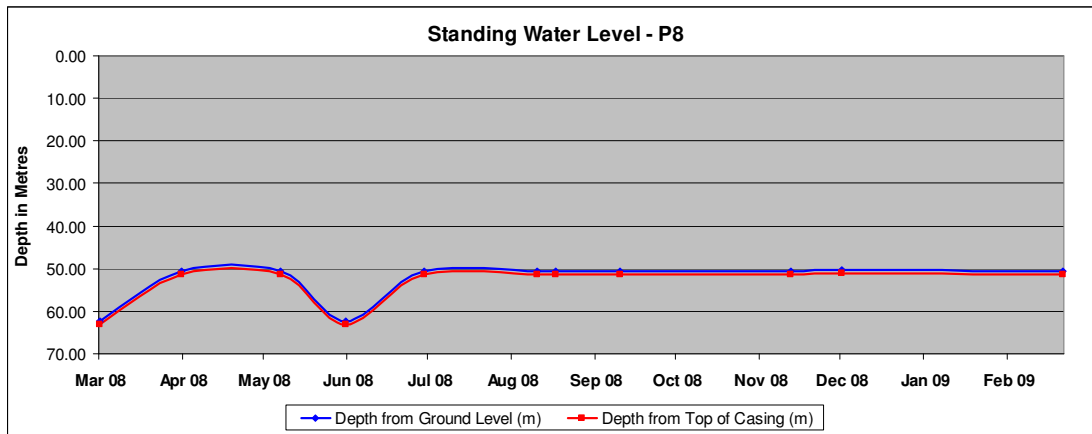
Groundwater Monitoring

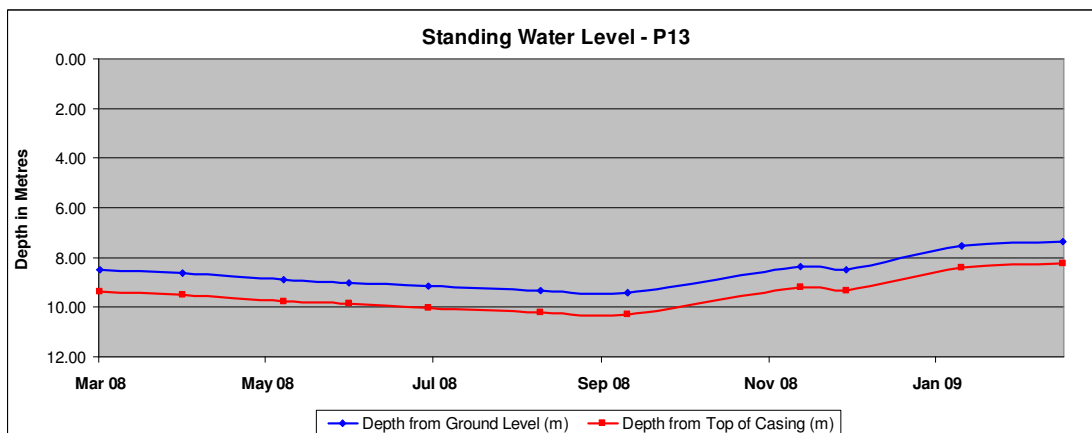
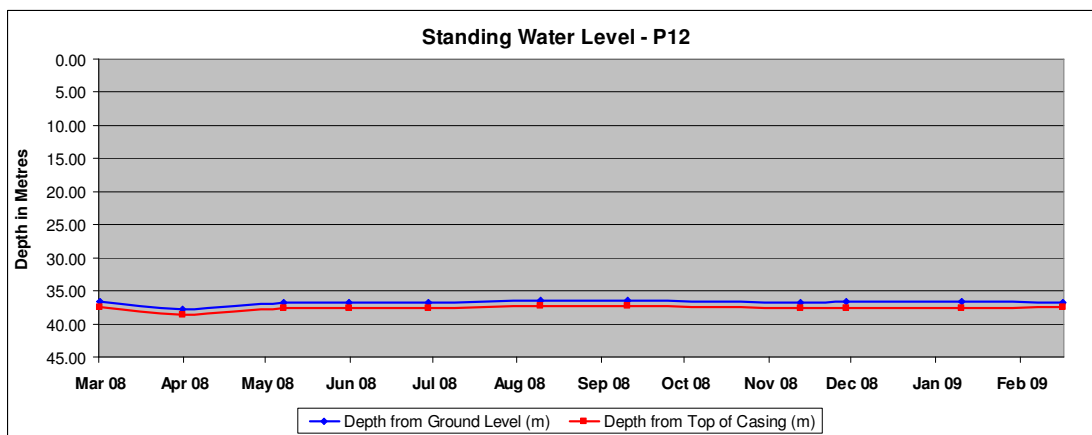
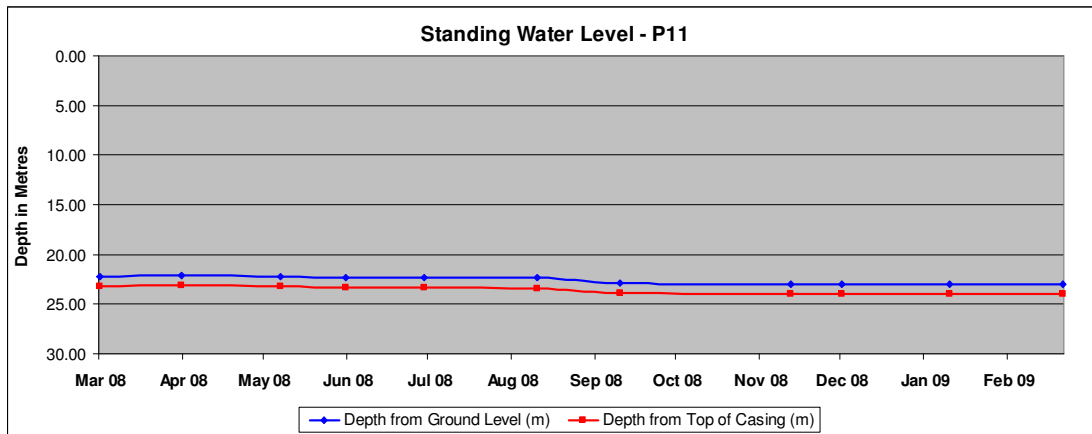
Groundwater monitoring data to date as follows:-

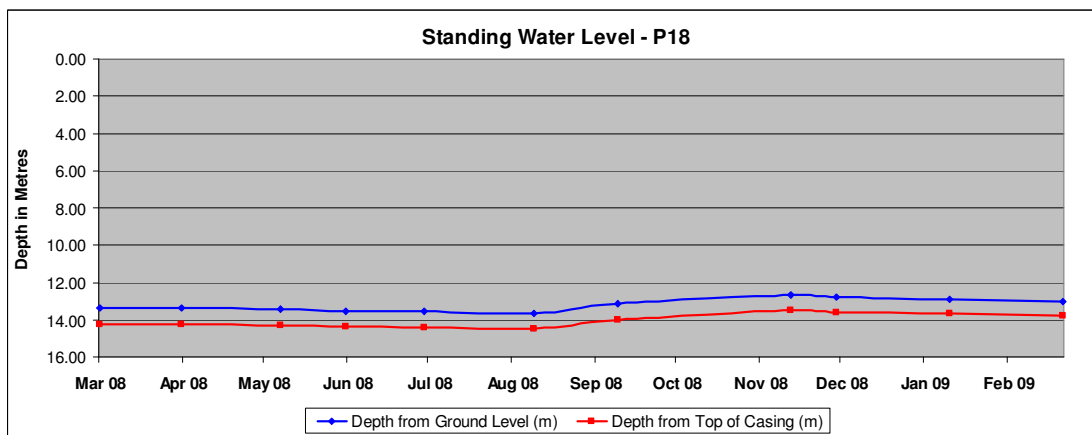
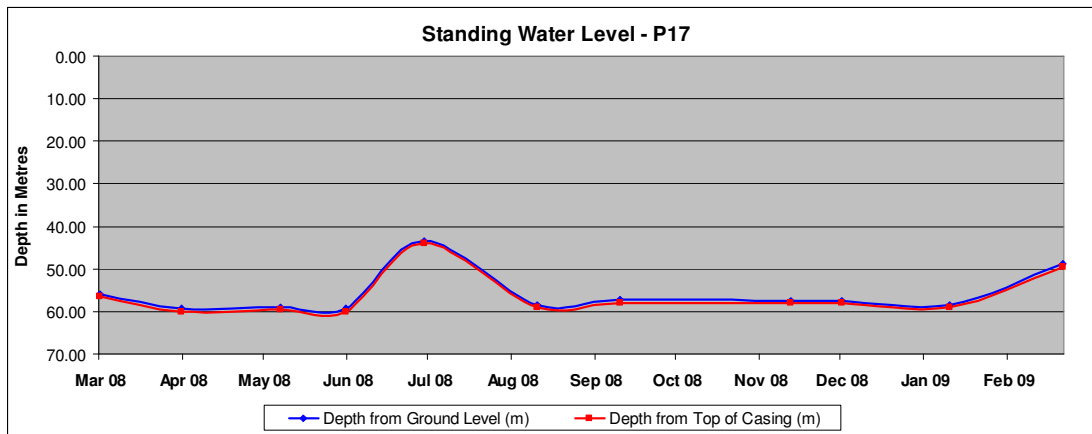
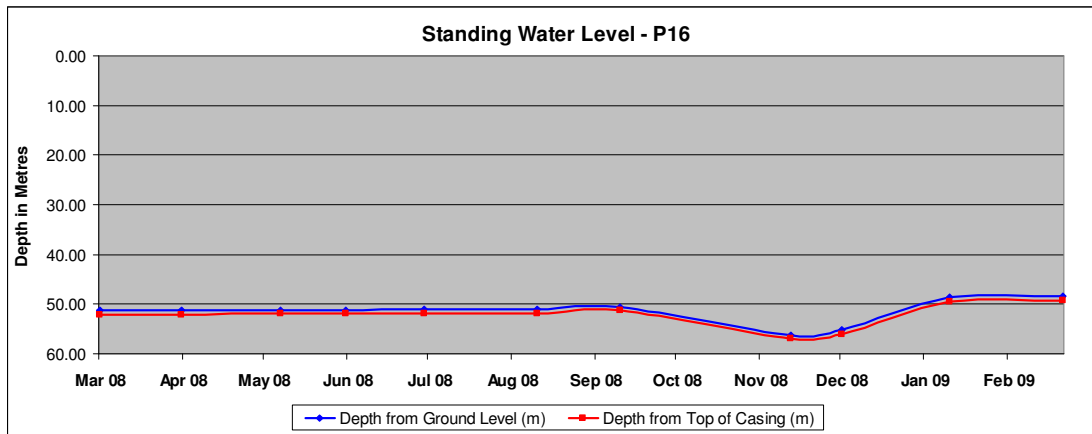


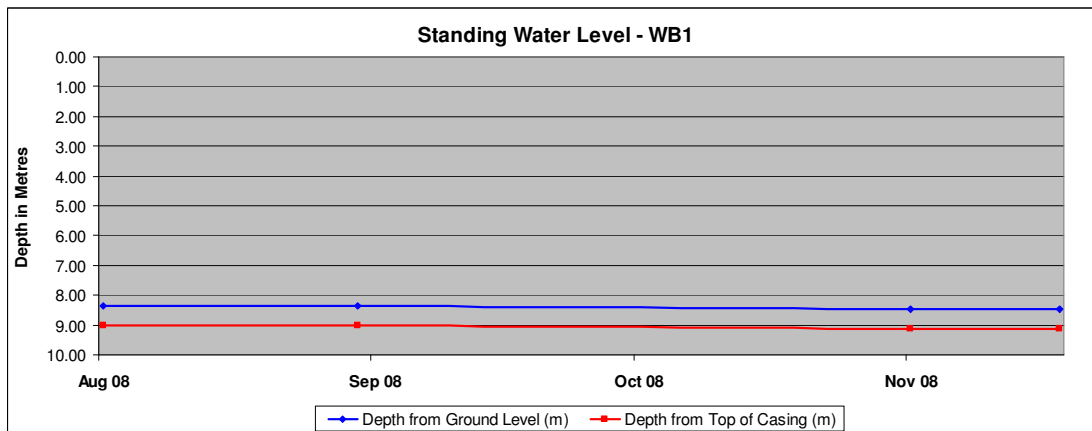
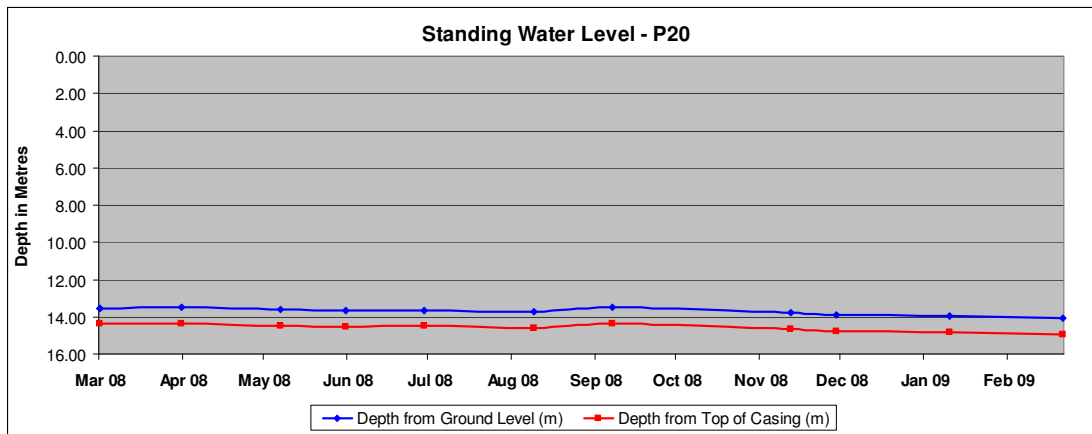
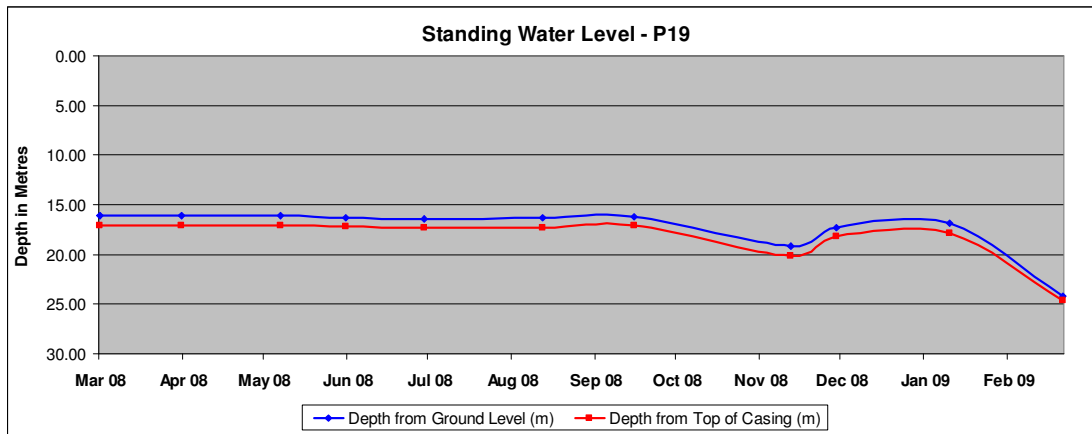


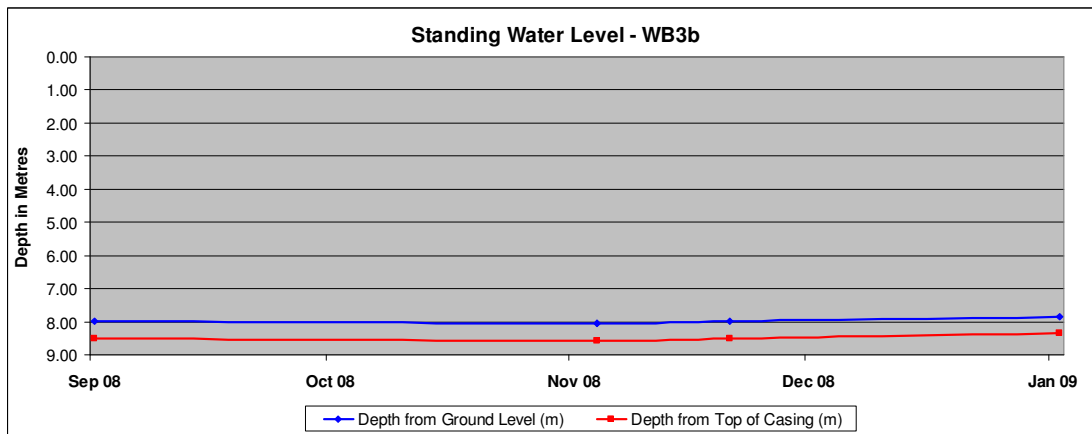
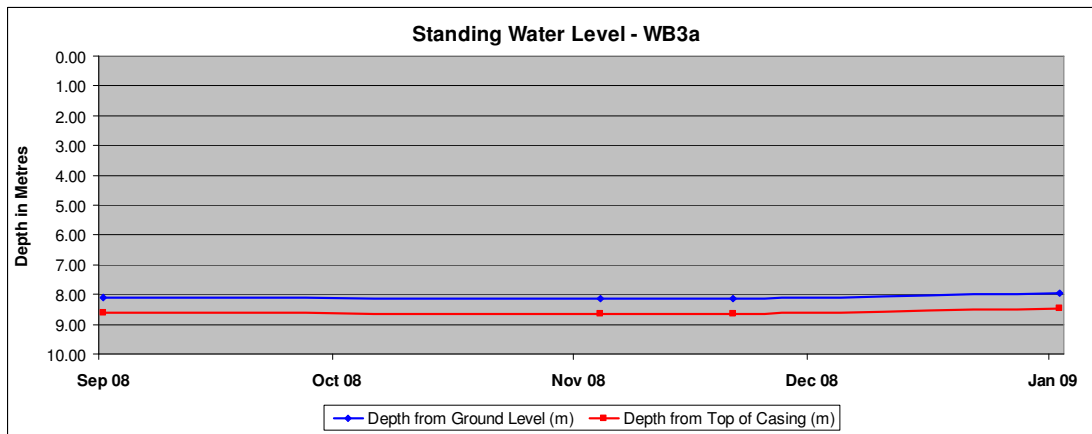
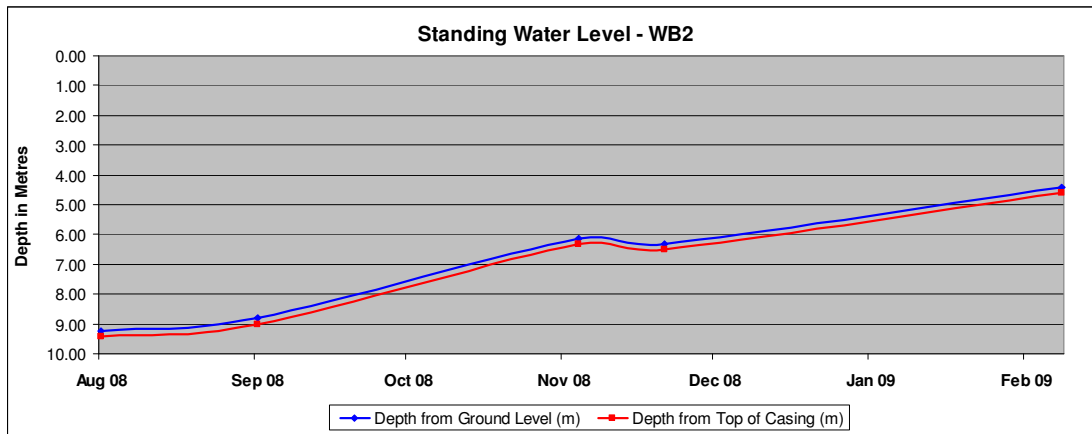


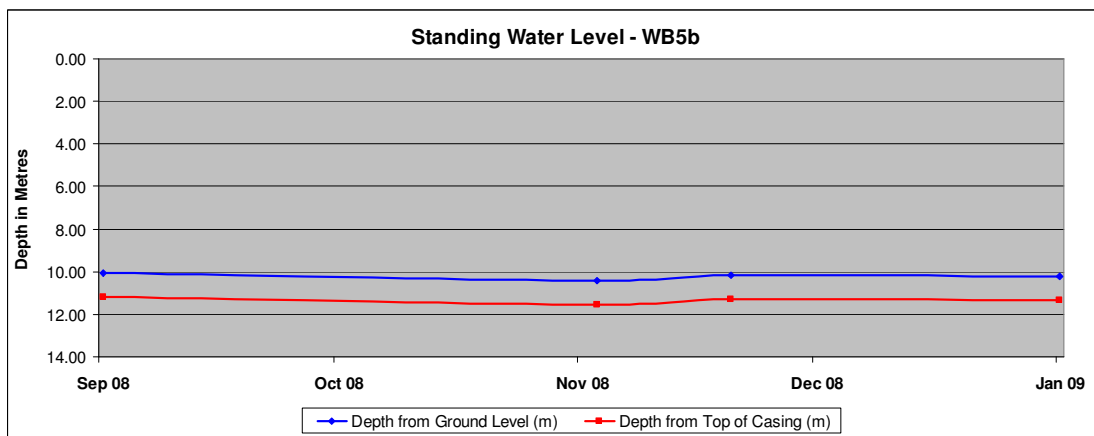
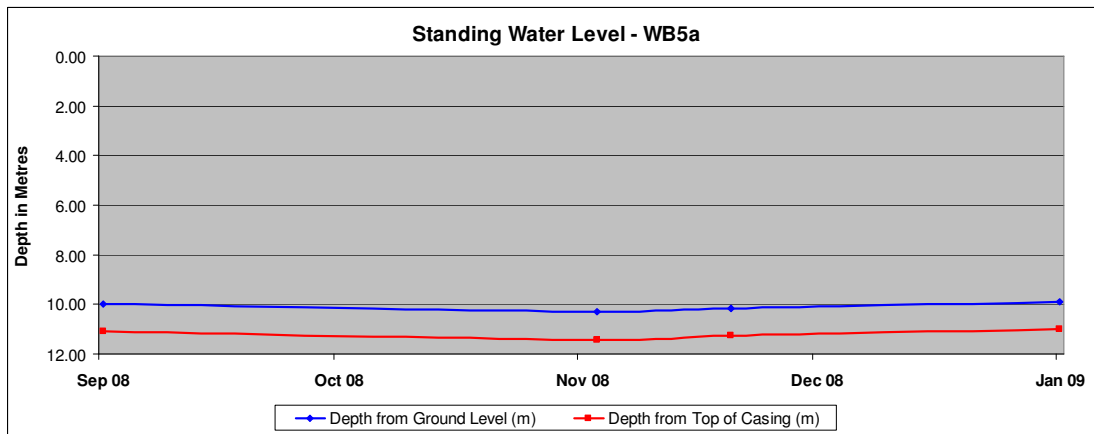
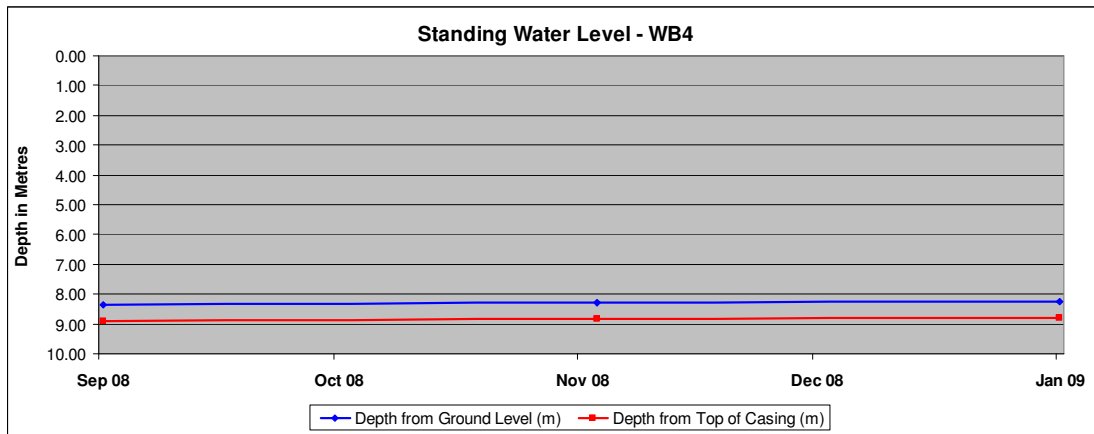


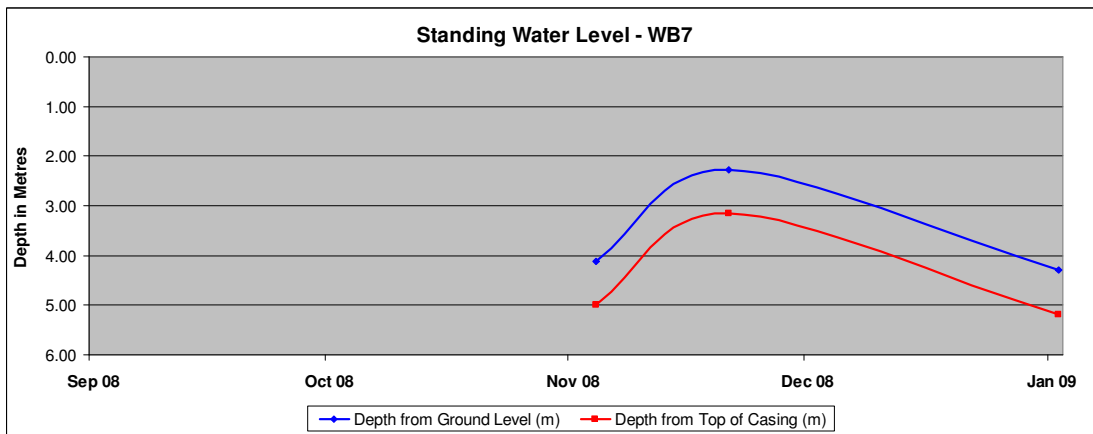
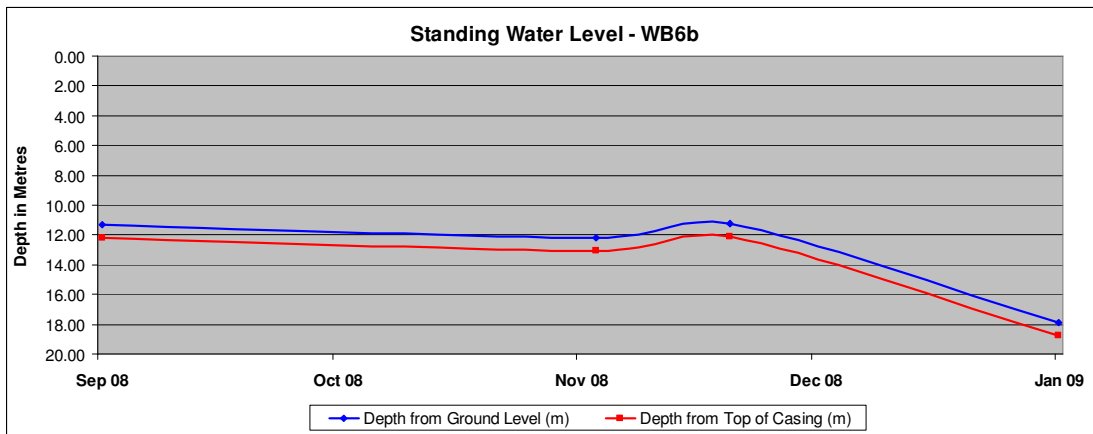
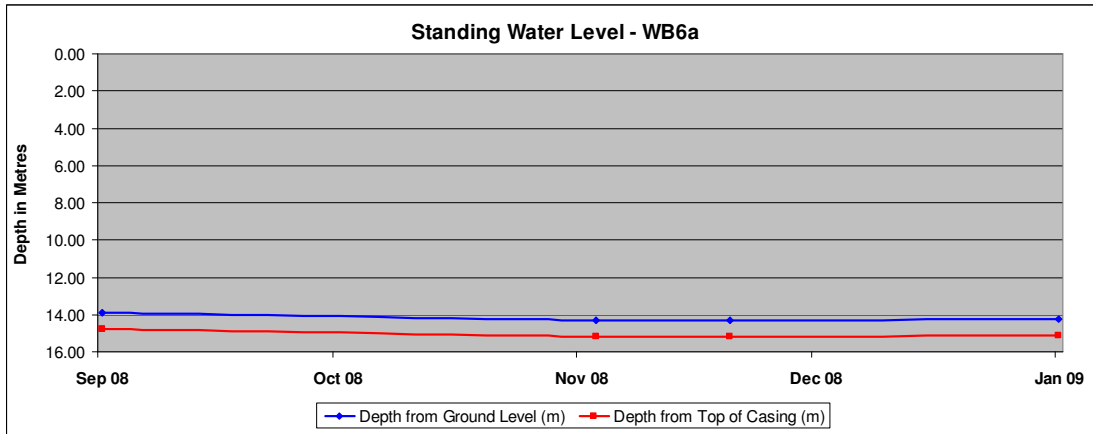












The groundwater monitoring results have not changed significantly since the last meeting. ALS Acirl is scheduled to complete the next full round of water sampling by early June. These results will be provided at the next meeting.

Surface Water Monitoring

During February, a rainfall event provided an opportunity for additional surface water sampling from the creek systems upstream and downstream of the mine site. The results are tabulated below.

Date	Time	Sample Location	pH	Electrical Conductivity (us/cm)	Total Suspended Solids (mg/L)	Grease & Oil (mg/L)
17 February 2009	1611	KCUS	7.2	280	123	<2
17 February 2009	1620	KC2US	6.7	70	14	<2
17 February 2009	1626	KCDS	6.9	180	132	<2
17 February 2009	1650	PC1	7.1	60	57	<2
17 February 2009	1708	PC	7.1	180	38	<2
17 February 2009	1720	KC1DS	7.1	145	142	<2
17 February 2009	1750	KC2DS	7.1	105	1130	<2

Narrabri Coal is still awaiting the DECC to provide approval to the licence variation application to provide locations for nominated discharge points off site, and concentration criteria for discharge waters.

Complaints

No complaints have been lodged on the complaints line since the previous meeting. However, three complaints were made directly to the Project Manager, Ben Bomford, who advised the Environmental Manager. These complaints are:

8 March 2009

Irregular grinding noise coming from the project site causing sleep disturbance. Attempts were made to try to identify noise source. Arranged for Spectrum Acoustics to undertake full noise survey from "Kurrajong" measurement point to confirm noise compliance.

15 March 2009

Irregular grinding noise coming from the project site causing sleep disturbance.

Attempts made to try to identify noise source. Arranged for Spectrum Acoustics to undertake full noise survey from "Kurrajong" measurement point to confirm noise compliance. A subsequent phone call was received from the Dept of Planning on the 16th March regarding the complainants concerns. The complainant also contacted Brian Cullen, General Manager Technical Services on the 16th March to discuss the issue.

The complainant continues to refuse access to "Kurrajong" for monitoring. At the time of the complaint, Narrabri Coal were investigating the set up of a Barn owl monitor on the Kurrajong boundary for up to 1 month to verify noise related complaints, in conjunction with ongoing attended monitoring.

22 April 2009

Mark Lennox left a non-specific message (complaint) on Ben Bomford's phone on the 22nd April. The complainant's message requested a return call by 1:00pm, and if not possible by 1:00pm to not bother contacting him. Narrabri Coal assumes the complaint related to noise as per previous complaints.

As the message was not able to be retrieved until after 1:00pm no subsequent contact was made with the complainant, as per his request.

2 May 2009

Mark Lennox contacted Ben Bomford to complain about noise over the previous 2-3 days suggesting the site was obviously doing something different to cause the level of noise experienced. On review, it was identified that there were no additional or different activities undertaken over that period. Mr Lennox contacted Ben Bomford two days later to advise the noise had ceased.

In response to these ongoing complaints, Narrabri Coal engaged Spectrum Acoustics and Sound Science to set up a real time Barn Owl Noise Monitor on the "Claremont"/"Kurrajong" boundary. This was undertaken on the 13th May 2009 and will be in place for approximately 1 month to ascertain the noise levels experienced 24hr/7days week at that location. Arrangements were made with the DECC as to means of extrapolating the data back to the "Kurrajong" residence on the basis that the landholder refuses to allow access for monitoring. DECC advised that our proposed methodology would be acceptable.

Rehabilitation

Additional seeding to cover crops has been undertaken across areas of disturbance no longer required during the surface construction works. In addition, up to 300 tree seedlings have been planted in strategic locations within the project site, particularly along drainage lines/contour banks to further enhance the surface rehabilitation works being undertaken. This will be extended further to include planting of the eastern section of the amenity bund in the near future. Prior to this work being undertaken, this section of the bund will be re-ripped given the compacted nature of the surface material.



Narrabri Coal Operations Pty Ltd

ACN 129 850 139
ABN 15 129 850 139

Community Consultative Committee Meeting Minutes

Meeting No: 6

Date: 26 August 2009

Time: 4.00pm

Location: Narrabri Coal Operations Site Office

Present: Terry Miller

Sally Hunter

James Stieger

Peter Webb

Mark Foster

Greig Duncan (Narrabri Coal Operations General Manager)

Ben Bomford (Narrabri Coal Operations Project Manager)

Kellie Maslen (Site Clerk)

Jill Scealy (Whitehaven Environmental Officer)

1.0 Apologies

Les Knox

Clr Ken Bates

Danny Young (Whitehaven Environmental Manager)

2.0 Previous Minutes

Moved James Stieger, Mark Foster

2.1 Business Arising from Previous Minutes

Open day postponed until coal production early next year. Construction 4 – 5 months behind schedule.

3.0 General Business

3.1 Construction Progress Report

Kamilaroi Highway Upgrade	Complete
Earthworks and Rehabilitation	Complete
Site access & Kurrajong Creek Road	Complete
Industrial Complex	Complete
Ventilation Fans	Complete
66kv Transmission Line	Complete
Rail Loop	Complete
Sewerage Treatment Plant	Complete
Mine Entry	Complete
Boxcut	Complete
High and Low Voltage Works	80% Complete
Drift Construction	50% Complete
Mining Equipment Delivery	85% Complete
Drift & Skyline Conveyors	90% Complete
Coal Processing Plant	50%
Train Loadout	60%



3.2 Environmental Overview

As per provided report.

Request for breakdown on Bow Hills dust monitoring contamination.
Noise monitor to advise residents when entering properties.
Access to Bow Hills water to be revised before next monitoring visit.

4.0 Complaints and Complaints Hotline

As per provided report

5.0 New Business

Concerns raised by the committee in relation to the changes to original Community Consultation information such as coal washing on site, the water supply to the Baan Baa community and the longwall production.

These changes have arisen as Stage 1 was designed to be a stand alone project – however, due to the drop of coal prices the proposed continuous miner operation is not sustainable.

NCO to display detailed presentation of Stage 2 works at next meeting.

Pipeline water licenses will be retained by the company as an asset.
Water produced at the mine also requires a separate license obtained by NCO.

There are many legal aspects of treating water suitable for consumption. Site water to be treated chemically, not biologically, therefore not eliminating potential bugs. The water will be treated to a standard suitable for release into the river. Excess water will be released into the river.

6.0 Next Meeting

Wednesday 8 December 2009, 4pm, Baan Baa Pub
Meeting closed 5.45pm

Narrabri Coal Project Community Consultative Committee Meeting #6

Environmental Monitoring Report May 2009 – July 2009

Noise Monitoring

Attended noise monitoring was undertaken on the Tuesday 23rd June 2009 to verify if noise levels were within compliance limits. The results from this monitoring are detailed in the tables below.

Noise Monitoring Results – 23 June 2009 (Day)

Location	Time	dB(A), L_{eq}	Wind speed/ direction	Identified Noise Sources
Naroo	4:02 pm	44.2	Calm	School bus (43), Traffic (38), NCM Inaudible
Claremont*	4:25 pm	36.9	Calm	Birds (36), NCM (<25)
Westhaven	4:44 pm	30.2	Calm	Birds (29), NCM (24)
Greylands	5:03 pm	38.3	Calm	Train (36), Birds (34), NCM inaudible
Bow Hills	4:02 pm	41.4	Calm	Traffic (41), Birds (31), NCM inaudible

* Correction of 4-8dB to be subtracted from the *mine noise component only* measured at "Claremont" boundary to estimate levels at "Kurrajong".

Noise Monitoring Results – 23 June 2009 (Evening)

Location	Time	dB(A), L_{eq}	Wind speed/ direction	Identified Noise Sources
Bow Hills	8:11 pm	41.4	0-0.3m/s W	Traffic (41), NCM (31)
Naroo	8:28 pm	51.9	0-0.3m/s W	Train (49), Traffic (46), NCM (30)
Claremont*	8:46 pm	33.3	0-0.3m/s W	Traffic (30), NCM (29)
Westhaven	9:11 pm	28.0	0-0.3m/s W	NCM inaudible
Greylands	9:28 pm	43.5	0-0.3m/s W	Insects (46), NCM (23)

* Correction of 4-8dB to be subtracted from the *mine noise component only* measured at "Claremont" boundary to estimate levels at "Kurrajong".

Noise Monitoring Results – 23 June 2009 (Night)

Location	Time	dB(A), L_{eq}	Wind speed/ direction	Identified Noise Sources
Bow Hills	10:41 pm	45.5	0-0.3m/s W	Traffic (45), NCM inaudible
Naroo	10:53 pm	41.0	0-0.3m/s W	Traffic (40), Insects (30), NCM inaudible
Claremont*	11:10 pm	35.9	0-0.3m/s W	Traffic (32), Sheep (32), NCM (24)
Westhaven	11:33 pm	32.1	0-0.3m/s W	Car (31), NCM inaudible
Greylands	11:46 pm	40.4	0-0.3m/s W	Traffic (40), Insects (30), NCM inaudible

* Correction of 4-8dB to be subtracted from the *mine noise component only* measured at "Claremont" boundary to estimate levels at "Kurrajong".

The attended noise monitoring results demonstrate compliance at all receivers throughout the survey.

Unattended noise monitoring was also undertaken in June as required under the consent. Noise logs have been provided to Narrabri Coal from the consultant as part of the background noise collation. This data does not distinguish between mine and other noise sources and as such the data is not presented in this report. It is anticipated that following the first 12 months of mining from the project site, the requirement for ongoing unattended noise monitoring will be removed.

In addition to the regular round of attended and unattended noise monitoring, Narrabri Coal completed a monitoring event using a Barn-Owl real time directional noise monitor at the Kurrajong/Claremont boundary during May/June in response to ongoing noise complaints associated with the “Kurrajong” property. A formal report has been issued from Spectrum Acoustics identifying that throughout the monthly survey, noise levels were within compliance limits at the “Kurrajong” residence. The methodology used to determine noise level at “Kurrajong” was approved by the Department of Environment and Climate Change (DECC) Noise Policy Branch as the best available methodology on the basis that access to the “Kurrajong” property was unavailable for monitoring. Copies of the report have been issued to both the DECC and Department of Planning as well as to Mark Lennox at “Kurrajong”.

Deposited Dust Monitoring

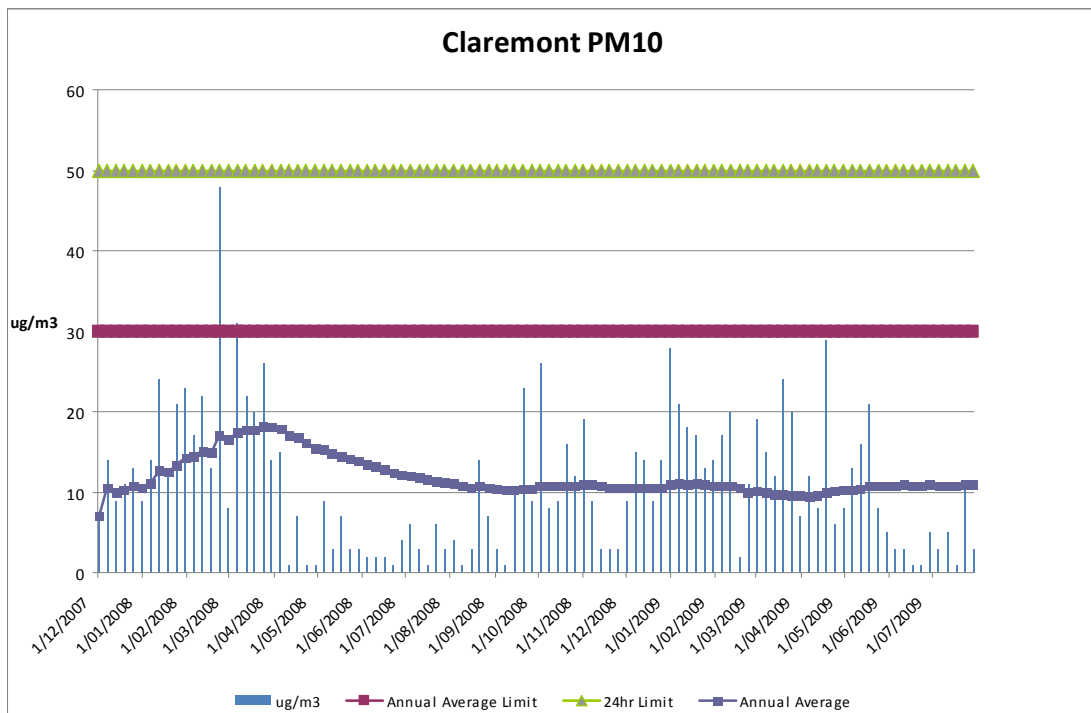
Month	ND1 Turrabaa	ND2 Claremont	ND3 Bow Hills	ND4 Matoppo	ND5 Claremont	ND6 Willarath	ND7 Claremont	ND8 Claremont
August 2008	1.2	0.5	3.6	1.6	3.3	0.4	0.5	0.5
September 2008	3.8	1.4	1.4	8.6	4.3	1.0	0.8	0.6
October 2008	28.6	0.8	0.8	10.9	1.9	4.6	0.9	0.6
November 2008	13.1	1.6	0.9	24.9	1.3	1.5	1.4	0.1
December 2008	2.2	1.3	0.8	15.6	1.5	2.3	1.1	0.1
January 2009	3.2	2.3	1.4	27.9	1.9	2.6	0.8	1.6
February 2009	1.8	1.9	0.5	9.4	2.0	13.8	1.0	3.5
March 2009	0.6	13.8	3.1	5.1	35.5	6.6	3.6	3.5
April 2009	1.4	0.6	0.3	33.5	1.4	2.0	1.0	0.1
May 2009	1.1	0.8	7.5	4.1	5.3	2.6	5.8	2.4
June 2009	0.4	0.5	4.0	3.7	4.9	1.5	3.0	2.2
July 2009	0.9	0.4	3.2	0.8	7.9	0.7	1.9	1.6
Annual Average	4.86	2.16	2.29	12.18	5.93	3.3	1.82	1.4

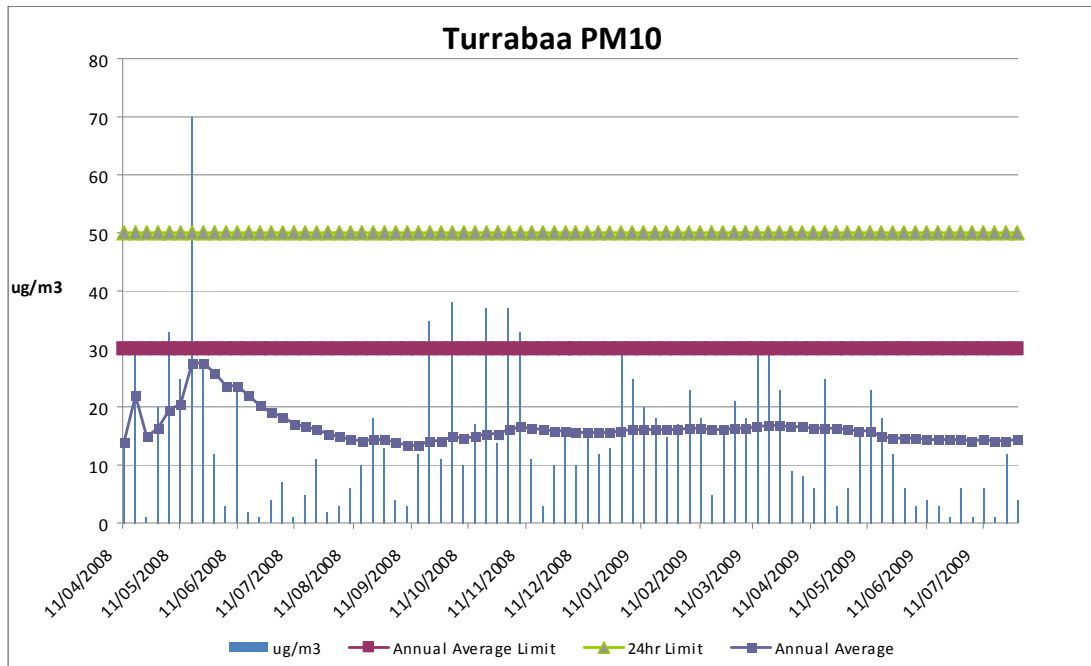
Deposited dust results have generally improved since the previous CCC meeting. The laboratory reports identified sample contamination (plant material, bird droppings, insects etc) for all outlier results recorded for ND3, ND4, ND5 and ND7 during the period since the previous CCC meeting. It is therefore considered that the high deposited dust readings are more likely to be associated with contamination and not necessarily connected to operations at the Narrabri site.

High Velocity Air Sampling (PM10)

PM10 measurements taken to date for the Claremont High Velocity Air Sampler is returning a running annual average of $10.89\mu\text{g}/\text{m}^3$ which is well below the annual average limit of $30\mu\text{g}/\text{m}^3$. The highest reading from this sampler remains at $48\mu\text{g}/\text{m}^3$ as measured on 23rd February 2008.

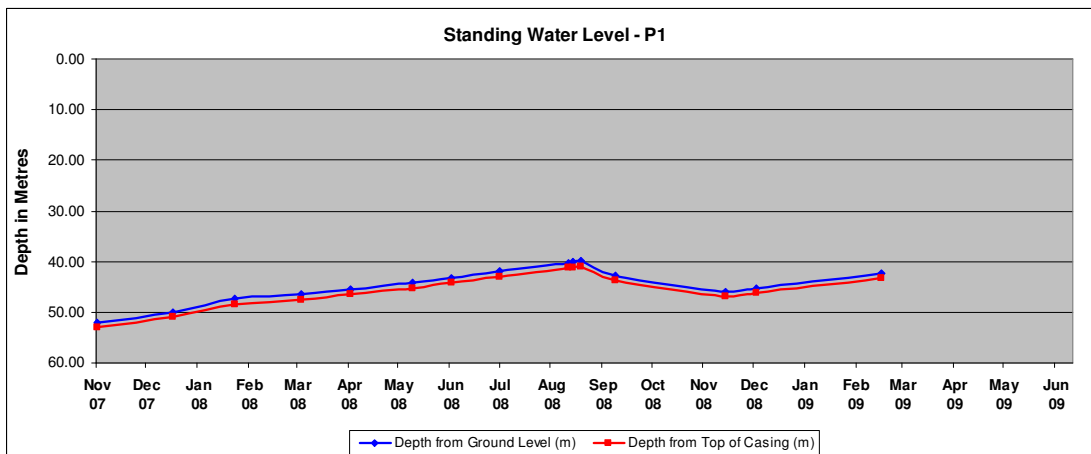
PM10 measurements taken to date for the Turrabaa High Velocity Air Sampler is returning a running annual average of $14.33\mu\text{g}/\text{m}^3$ which is well below the annual average limit of $30\mu\text{g}/\text{m}^3$. The highest reading from this sampler remains at $70\mu\text{g}/\text{m}^3$ as measured on 17th May 2008.

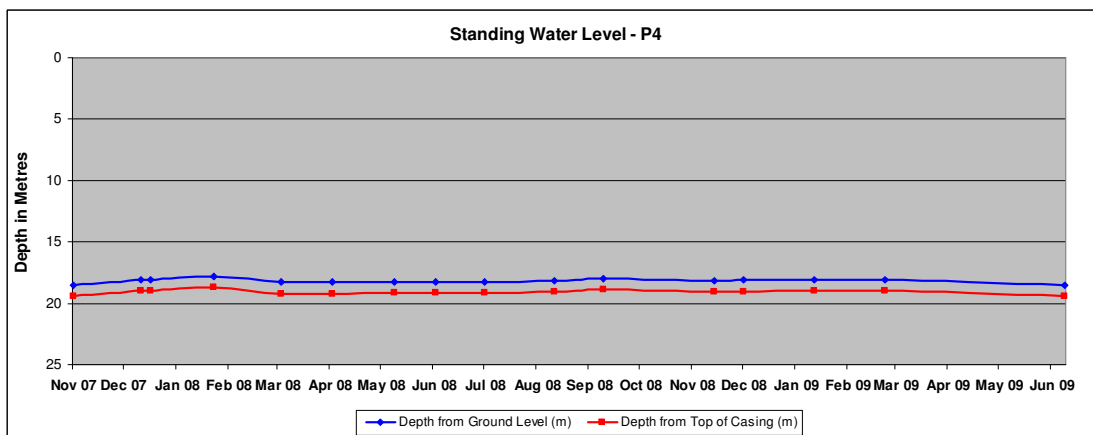
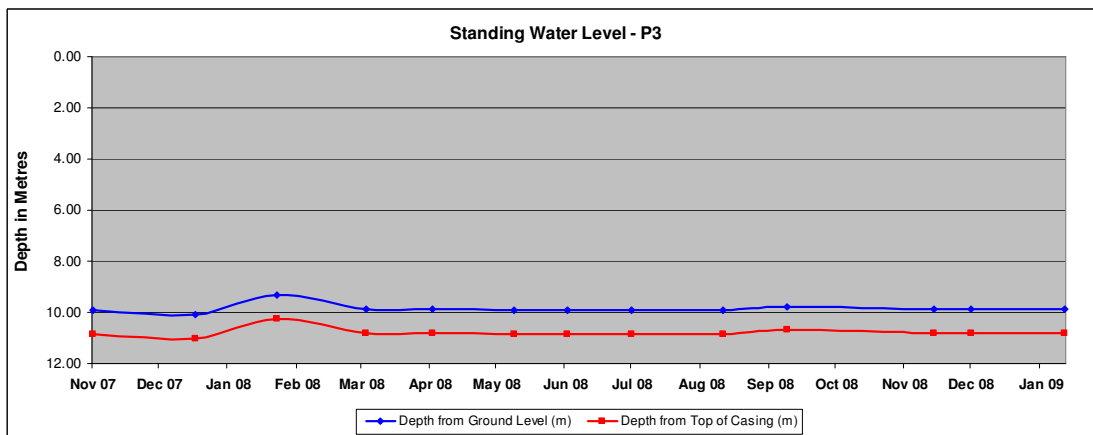
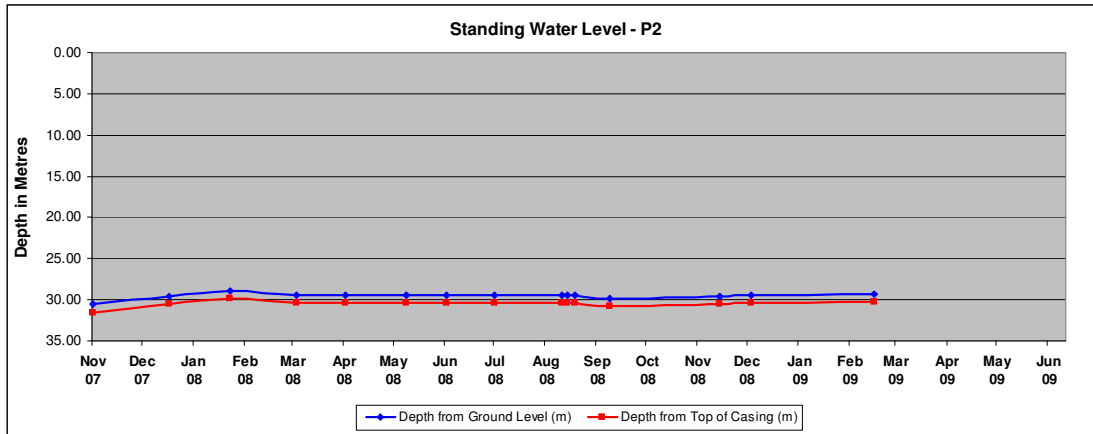


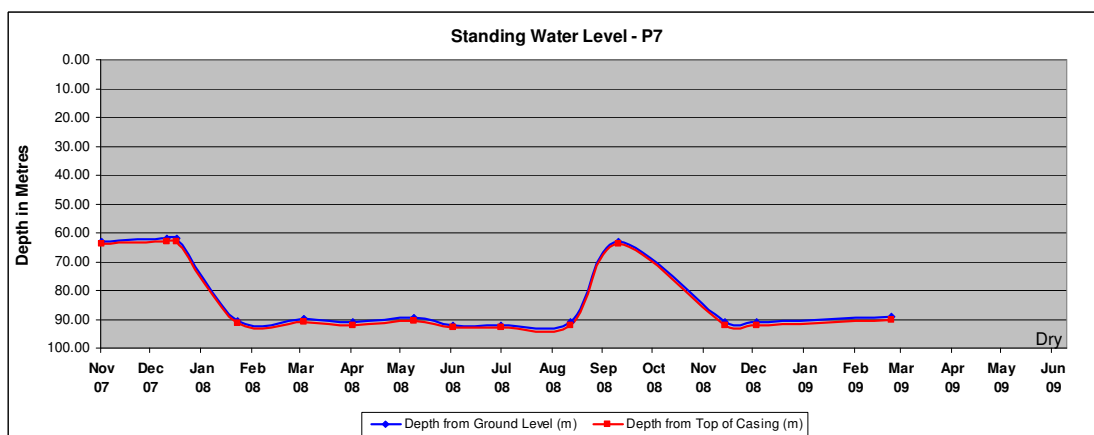
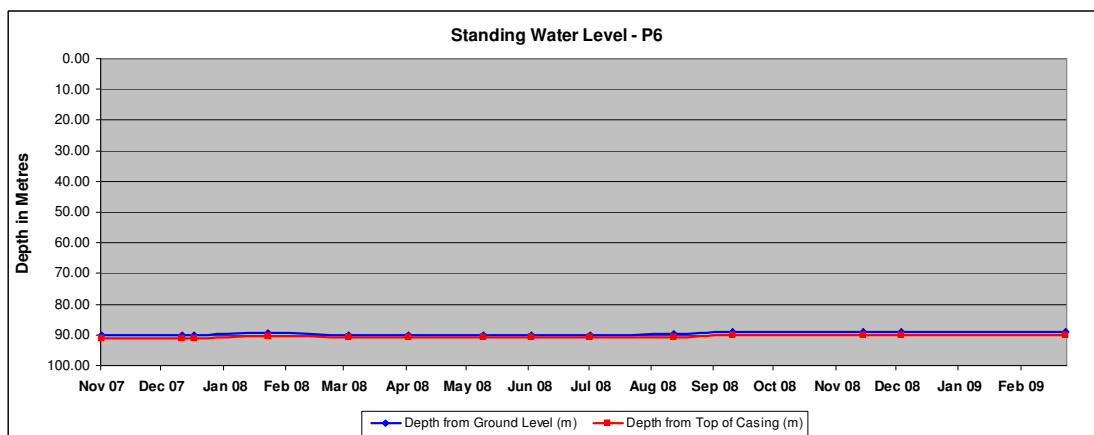
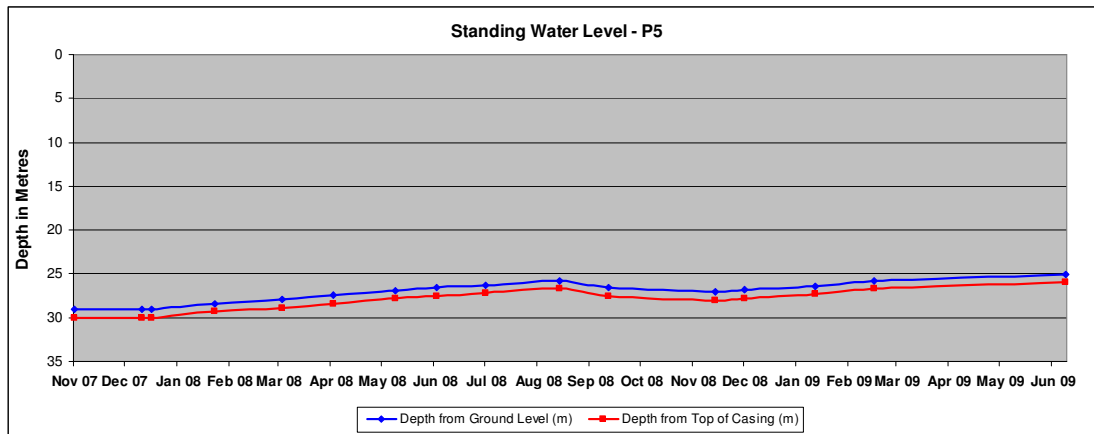


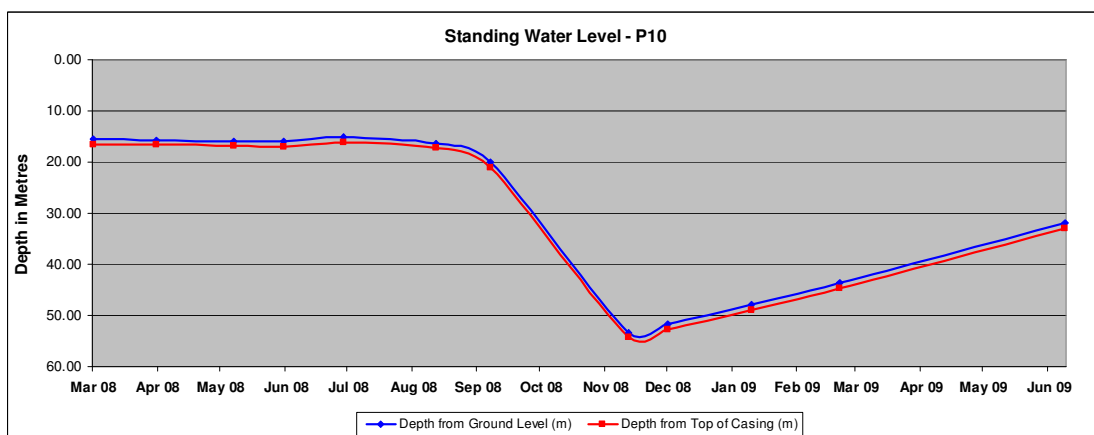
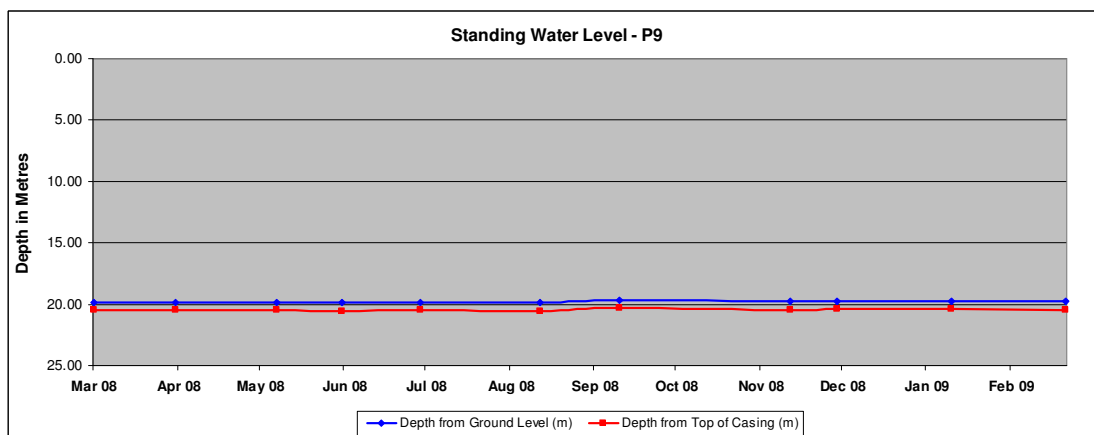
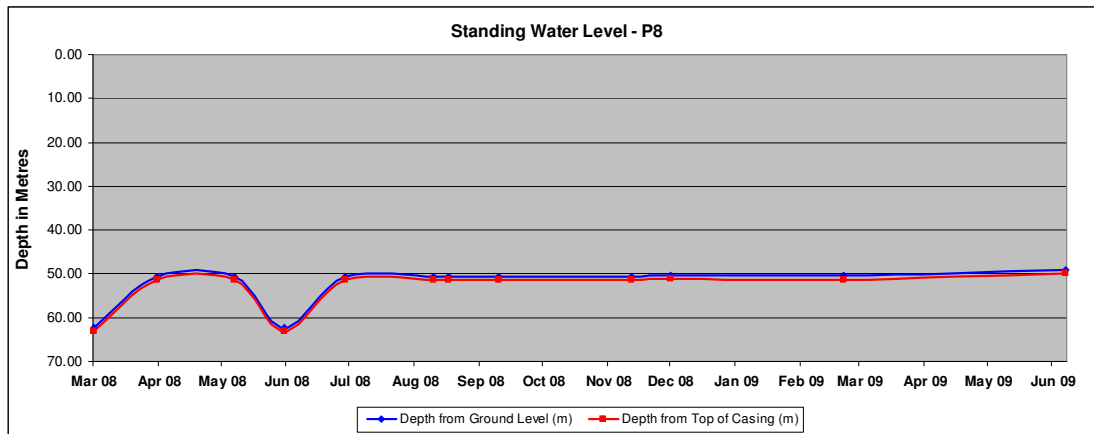
Groundwater Monitoring

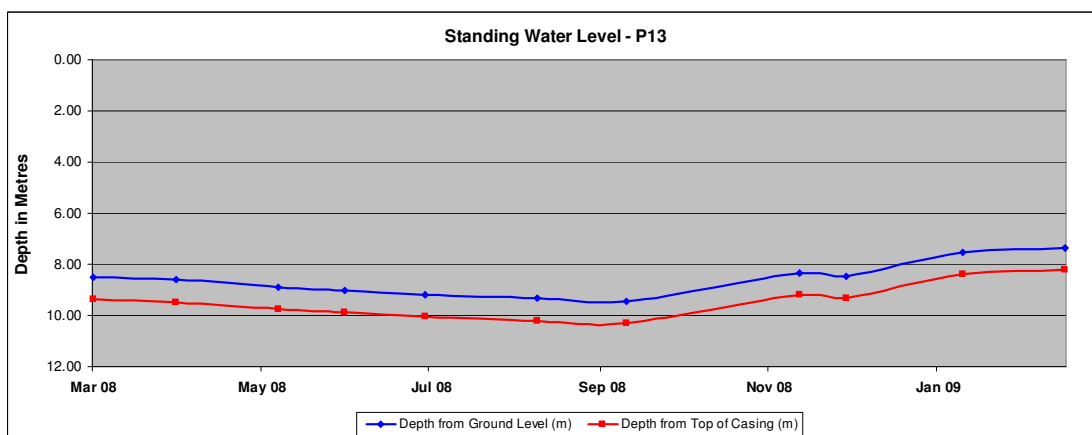
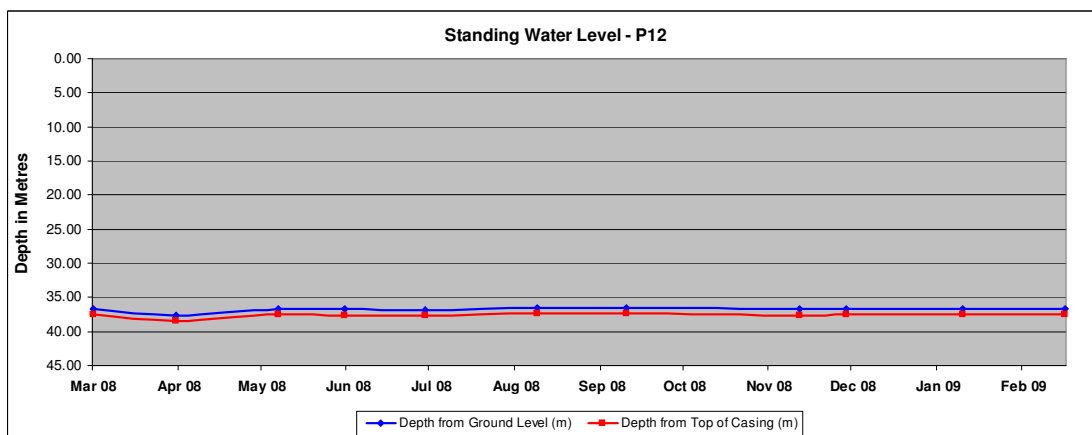
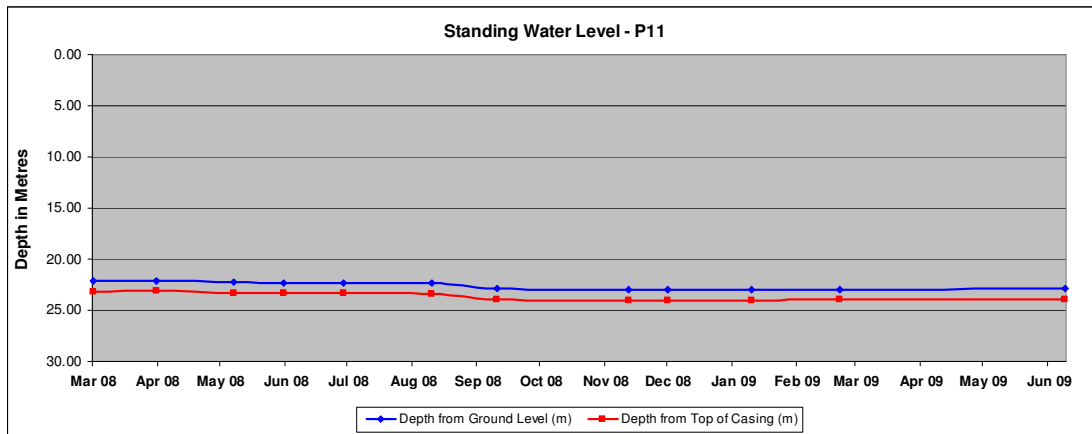
The most recent groundwater monitoring event was conducted in June 2009. A number of locations were not monitored (due to issues with access) or not assessed for Standing Water Level (due to lack of appropriate equipment for the depth of the bores/piezometers). These issues have since been rectified and a full suite of groundwater monitoring is currently being conducted. Recorded Standing Water Levels to date are provided below.

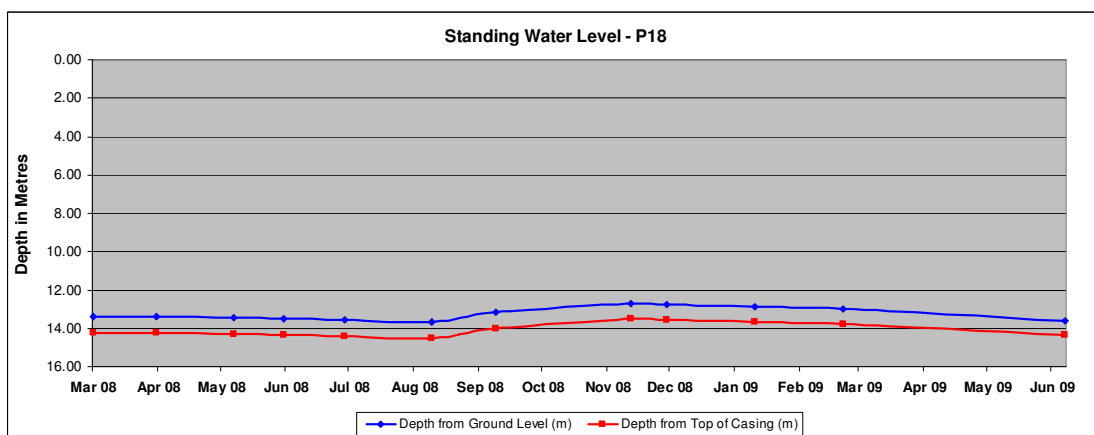
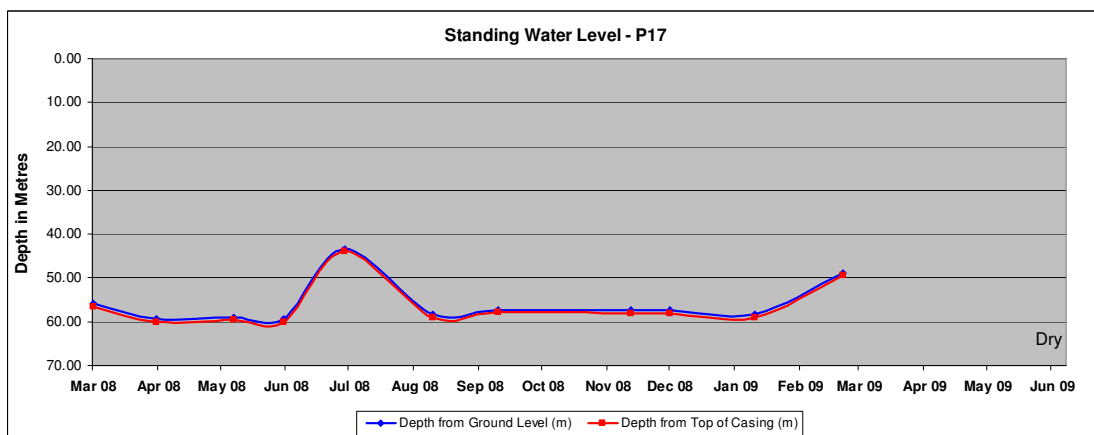
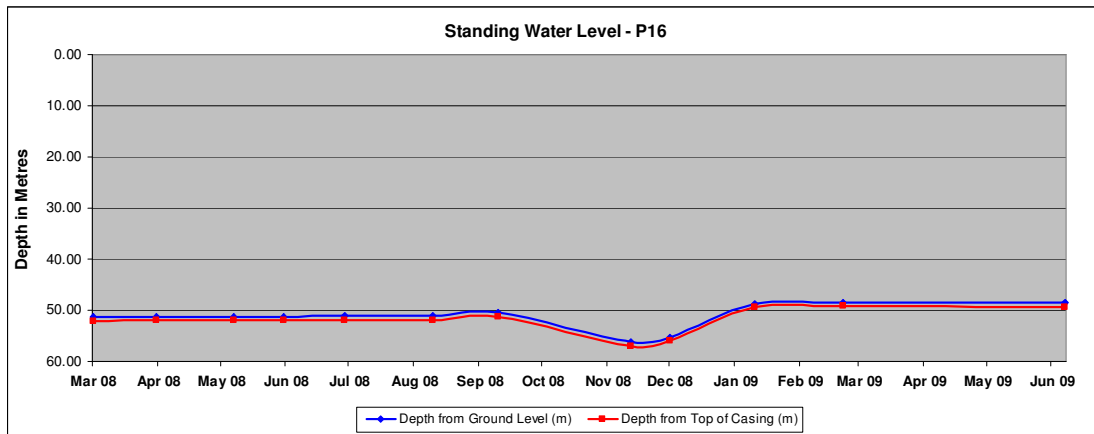


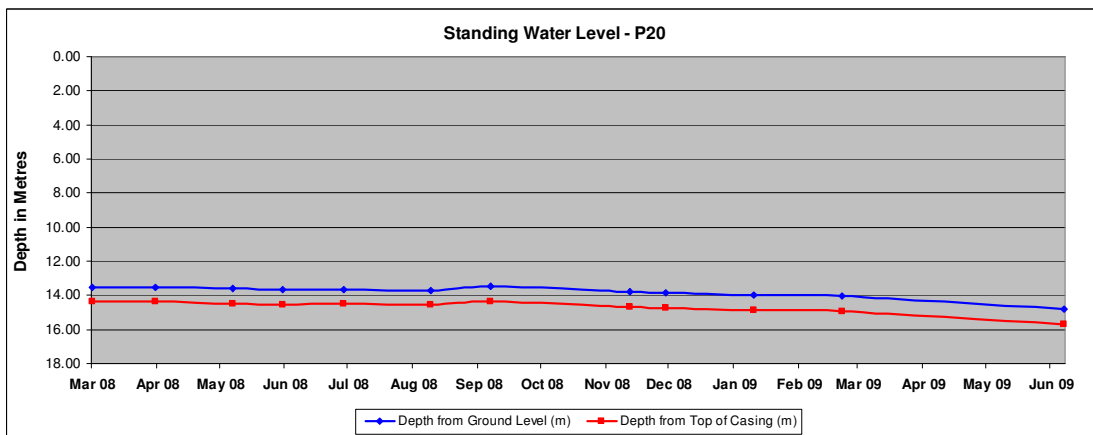
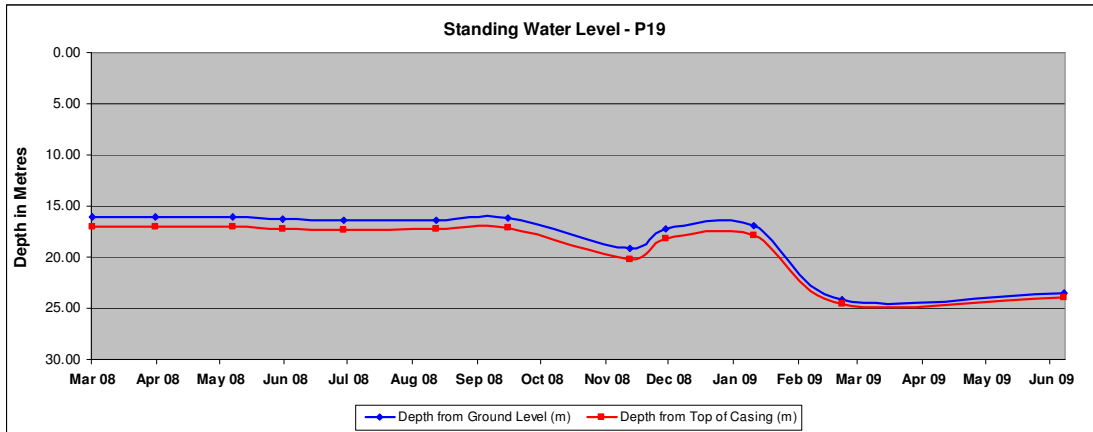












The groundwater monitoring results have not changed significantly since the last meeting.

Surface Water Monitoring

No wet weather discharge events have occurred since the previous CCC meeting. Narrabri Coal has recently been issued a revised Environment Protection Licence from the DECC which now includes licensed surface water discharge locations and concentration thresholds. As a consequence Narrabri Coal is now required to sample any discharge waters from these locations to assess concentration thresholds are met.

Routine monitoring of water storages onsite was conducted in June 2009.

Complaints

No complaints have been lodged on the complaints line since the previous meeting. However, two complaints were made directly to the Project Manager, Ben

Bomford, who advised the Environmental Manager, and one was made directly to the Environmental Manager. These complaints are:

21 July 2009

Noise coming from the mine site described as a roaring noise with reversing alarms at approx 2:30am this morning.

Investigations confirmed hard rock bidders running from the drifts to the Box Cut would have been the main source of noise under inversion conditions. Review undertaken of machines on site without low frequency broadband alarms and new alarms ordered for fitment.

7 August 2009

Noise coming from the mine site described as a roaring noise first thing of a morning as well as reversing beepers.

As per the previous complaint – new broadband type alarms on order and awaiting fitment. Operations of bidders into the Box Cut confirmed as being on an as-needs basis only.

10 August 2009

Noise coming from the mine site described as a roaring noise first thing of a morning as well as reversing beepers.

Complaint investigated and request made to site to immediately discontinue ongoing operations with surface fleet that do not yet have low frequency broadband alarms fitted. Following this action, advice received from complainant that noise levels were significantly improved.

Rehabilitation

No additional rehabilitation works have been undertaken since the previous meeting. Significant weed control measures were undertaken adjacent to Kurrajong Creek for the control of 'Mother of Millions'. All areas infested with this weed have now been treated and will be closely monitored for further outbreaks.

AEMR

Since the last meeting, Narrabri Coal has completed and submitted its Annual Environmental Management Report (AEMR) to the relevant government agencies. The Department of Planning has formally accepted and endorsed the AEMR. Narrabri Coal is currently awaiting advice from the Department of Primary Industries. A copy of the AEMR is submitted through the Chair of the CCC for member review.



Narrabri Coal Operations Pty Ltd

ACN 129 850 139
ABN 15 129 850 139

Community Consultative Committee Meeting Minutes

Meeting No: 7

Date: 8th December 2009

Time: 4.00pm

Location: Narrabri Coal Operations Site Office

Present: Terry Miller

Sally Hunter

James Stieger

Peter Webb

Mark Foster

Clr Ken Bates

Les Knox

Ben Bomford (Narrabri Coal Operations Project Manager)

Kellie Maslen (Site Clerk)

Jill Scealy (Whitehaven Environmental Officer)

1.0 Apologies

Clr Lester Kelly

Danny Young (Whitehaven Environmental Manager)

Greig Duncan (Narrabri Coal Operations General Manager)

2.0 Previous Minutes

Moved James Stieger, Mark Foster

2.1 Business Arising from Previous Minutes

Members of the Committee believed the previous minutes did not provide enough detail about water allocation discussions and asked for further clarification. Ben Bomford summarised water allocations/licences and usage requirements as follows:

- 960 ML General Security allocation (from Keepit Dam).
- 217 ML Zone 5 Alluvial Water (made up from several licences bought from within the zone).
- 20 ML High Security Licence attached to the "Broadwater" property, recently purchased by the Company.
- 240 ML Great Artesian Basin Licence, purchased 2 years ago as part of Stage 1 commitments.
- 830 ML Aquifer Interference Licence (associated with the Gunnedah Basin). This is unrelated to extracting water from known sources, but is granted by the Department of Water and Energy (rather than purchased by the Company) as a matter of course when mining through an area.
- A member of the Committee questions whether the main reason for water consumption was for fire fighting purposes. Ben Bomford indicated that this is not the case and that water is used to cool the motors of the underground equipment, for dust suppression purposes and for some coal preparation. Clean water is pumped through the motors and then recycled through the dust suppression sprays. Some of this water is absorbed in the coal and the residual water is pumped out of the mine.

Open day postponed until coal production, expected March/April 2010. Access to coal (initially planned for October 2009) has been delayed due to difficulties associated with mining through soft material.

Further detail regarding dust monitoring contamination at “Bow Hills” has been provided to the resident. He indicated that he’s not sure how the types of contamination specified (insects, bird droppings, plant material) would impact on the dust levels recorded.

Spectrum Acoustics have been advised that they must notify residents prior to entering properties for noise monitoring activities.

ALS Acirl contacted the “Bow Hills” resident to discuss access to water monitoring locations.

Ben Bomford provided a Powerpoint presentation of Stage 2 works (attached).

3.0 General Business

3.1 Construction Progress Report

Kamilaroi Highway Upgrade	Complete
Earthworks and Rehabilitation	Complete
Site access & Kurrajong Creek Road	Complete
Industrial Complex	Complete
Ventilation Fans	Complete
66kv Transmission Line	Complete
Rail Loop	Complete
Sewerage Treatment Plant	Complete
Mine Entry	Complete
Boxcut	Complete
High and Low Voltage Works	Complete
Drift Construction	75% Complete
Mining Equipment Delivery	90% Complete
Drift & Skyline Conveyors	Complete
Coal Processing Plant	75% Complete
Train Loadout	85% Complete

Ben Bomford provided the following response to the Committee’s enquiry about the employment process:

- There has been some difficulty filling the technical and managers positions. The majority of the mining positions have been filled.
- The mine requires experienced miners (12 months working in underground coal) at this stage and will advertise for a further 50 positions (which will include inexperienced personnel) in the next round.
- 113 people are needed for Stage 1 and this will increase to 170 people for Stage 2.
- The mine will consider transportation options (eg. providing a bus for employees) but it is difficult to impose these options as people prefer flexibility.
- Working hours will be 3 x 8 hour shifts.

- All new and potential employees are provided with information brochures for the Narrabri/Boggabri area to highlight the facilities available. Sally Hunter asked whether the information packs include details about the Baan Baa Playgroup. Kellie Fletcher indicated that the HR Manager for NCO is currently developing an additional information pack which provides more information about schools, hospitals etc and information on the Baan Baa Playgroup can be included if the details are provided to the mine.

3.2 Environmental Overview

As per provided report.

A question was raised about the amount of water extracted from the coal seam. The exact volume was not discussed but Ben Bomford indicated that little water has been extracted as it is evaporating from the dam rather than accumulating. Water extraction is metered and details of the quantities extracted will be provided in future reports.

Ben indicated that water extraction is associated with degassing of the coal seam.

4.0 Complaints and Complaints Hotline

As per provided report

5.0 New Business

The option of top-coal caving was discussed.

- Ben Bomford indicated that there could be a third stage to the project that won't commence until the Company has confidence in how the coal holds up (will wait at least 2 panels before deciding). NCO has bought the longwall which is capable of top-coal caving as it can remain underground and be retrofitted, rather than having to buy another machine.
- Top-coal caving allows mining of the top 3.5-4m of coal at the top of the seam, allowing for better recovery of the resource. It also increases subsidence and associated environmental impacts. Studies will be commissioned once mining commences and approximately 2 years worth of work will occur prior to top-coal caving being used at the site (pending approval).
- The mine life is extended when longwall mining and top-coal caving simultaneously as the machine moves slower but annual production remains the same. Top-coal caving also allows degassing of the coal – broken coal liberates gas so it's better that we take the coal.
- A member of the Committee asked about the increase in washing requirements associated with top-coal caving. Ben Bomford confirmed that as the quality of coal decreases the requirement for washing increases (which may produce fine reject or tailings) in the future.

Ken Bates requested that meetings be held on the same day as Narrabri Shire Council meetings (1st Tuesday of the month). The Committee concurred with this arrangement.



Narrabri Coal Operations Pty Ltd

ACN 129 850 139
ABN 15 129 850 139

James Stieger requested that a representative from DECCW attend one of the CCC meetings.

6.0 Next Meeting

Tuesday 2nd March 2010, 4pm, Site Office
Meeting closed 5.20pm

Narrabri Coal Project Community Consultative Committee Meeting #7

Environmental Monitoring Report August 2009 – October 2009

Noise Monitoring

Attended noise monitoring was undertaken on the Wednesday 2nd September 2009 to verify if noise levels were within compliance limits. The results from this monitoring are detailed in the tables below.

Noise Monitoring Results – 2 September 2009 (Day)

Location	Time	dB(A),L _{eq}	Wind speed/ direction	Identified Noise Sources
Naroo	4:05 pm	44	3.5m/s NNW	Traffic (43), birds (36), NCM inaudible
Claremont*	3:43 pm	35	4.5m/s NNW	Birds (33), farm machinery (30), NCM inaudible
Westhaven	3:07 pm	37	4.5m/s NNW	Drill (35), birds (32), NCM inaudible
Greylands	4:45 pm	37	3.5m/s NNW	Birds (34), traffic (33), drill (26), NCM inaudible
Bow Hills	4: 52 pm	50	3.5m/s NNW	Traffic (50), NCM inaudible

* Correction of 4-8dB to be subtracted from the *mine noise component only* measured at "Claremont" boundary to estimate levels at "Kurrajong".

Noise Monitoring Results – 2 September 2009 (Evening)

Location	Time	dB(A),L _{eq}	Wind speed/ direction	Identified Noise Sources
Bow Hills	9:26 pm	61	1.5m/s NW	Traffic (61), NCM (29)
Naroo	9:09 pm	52	1.5m/s NW	Traffic (52), NCM (30)
Claremont*	8:48 pm	31	1.5m/s NW	NCM (30) , insects (25)
Westhaven	8:14 pm	30	1.5m/s NW	Insects (30), NCM faintly audible
Greylands	7:50 pm	34	1.5m/s NW	Insects (33), traffic (26), NCM inaudible

* Correction of 4-8dB to be subtracted from the *mine noise component only* measured at "Claremont" boundary to estimate levels at "Kurrajong".

Noise Monitoring Results – 2 September 2009 (Night)

Location	Time	dB(A),L _{eq}	Wind speed/ direction	Identified Noise Sources
Bow Hills	11:30 pm	62	<0.5m/s NW	Traffic (62), insects (30), NCM inaudible
Naroo	11:10 pm	42	<0.5m/s NW	Traffic (42), NCM (25)
Claremont*	10:50 pm	33	<0.5m/s NW	NCM (33)
Westhaven	10:00 pm	29	1m/s NW	NCM (29)
Greylands	10:23 pm	29	1m/s NW	NCM (28) , insects (23)

* Correction of 4-8dB to be subtracted from the *mine noise component only* measured at "Claremont" boundary to estimate levels at "Kurrajong".

The results indicate that noise emissions from the mine were below the criterion of 35 dB(A),Leq(15min) at all receivers.

Unattended noise monitoring was also undertaken in September 2009, as required under the consent. Noise logs have been provided to Narrabri Coal from the consultant as part of the background noise collation. This data does not distinguish between mine and other noise sources and as such the data is not presented in this report. It is anticipated that following the first 12 months of mining from the project site, the requirement for ongoing unattended noise monitoring will be removed.

Deposited Dust Monitoring

Month	ND1 Turrabaa	ND2 Claremont	ND3 Bow Hills	ND4 Matoppo	ND5 Claremont	ND6 Willarah	ND7 Claremont	ND8 Claremont
December 2008	2.2	1.3	0.8	15.6	1.5	2.3	1.1	0.1
January 2009	3.2	2.3	1.4	27.9	1.9	2.6	0.8	1.6
February 2009	1.8	1.9	0.5	9.4	2.0	13.8	1.0	3.5
March 2009	0.6	13.8	3.1	5.1	35.5	6.6	3.6	3.5
April 2009	1.4	0.6	0.3	33.5	1.4	2.0	1.0	0.1
May 2009	1.1	0.8	7.5	4.1	5.3	2.6	5.8	2.4
June 2009	0.4	0.5	4.0	3.7	4.9	1.5	3.0	2.2
July 2009	0.9	0.4	3.2	0.8	7.9	0.7	1.9	1.6
August 2009	64.4	2.2	6.2	1.5	1.6	2.3	1.5	1.4
September 2009	18.9	20.5	18.1	23.6	12.9	14.3	12.6	19.1
October 2009	8.3	4.2	4.8	2.7	2.7	0.9	2.7	4.1
November 2009	7.0	1.9	1.5	2.2	1.9	1.9	2.8	1.5
Annual Average	9.2	4.2	4.3	10.8	6.6	4.3	3.2	3.3

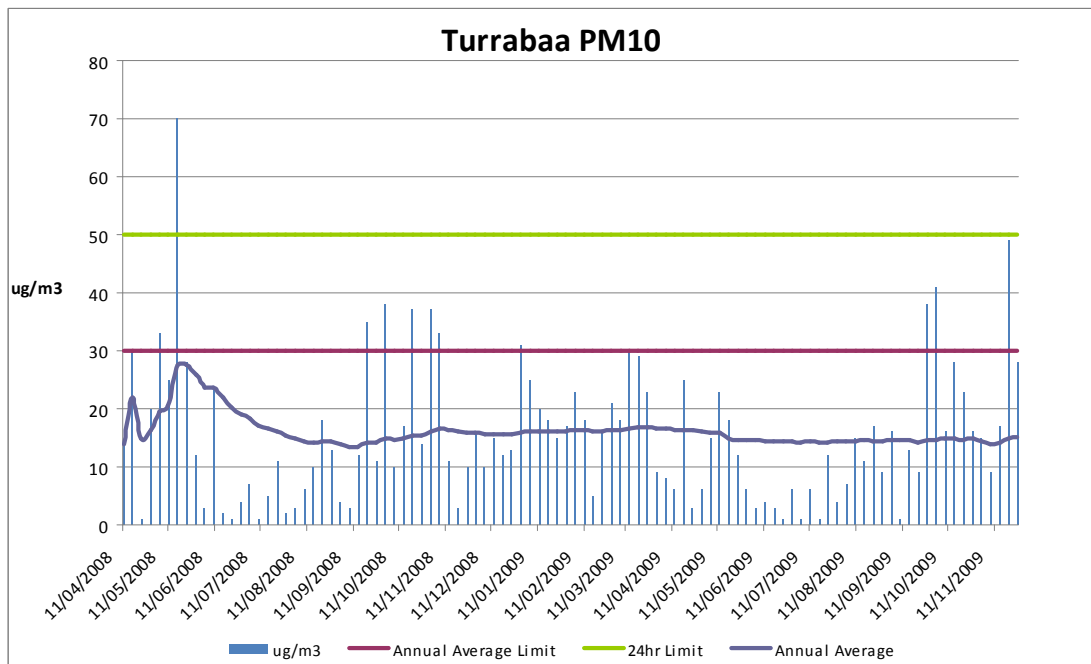
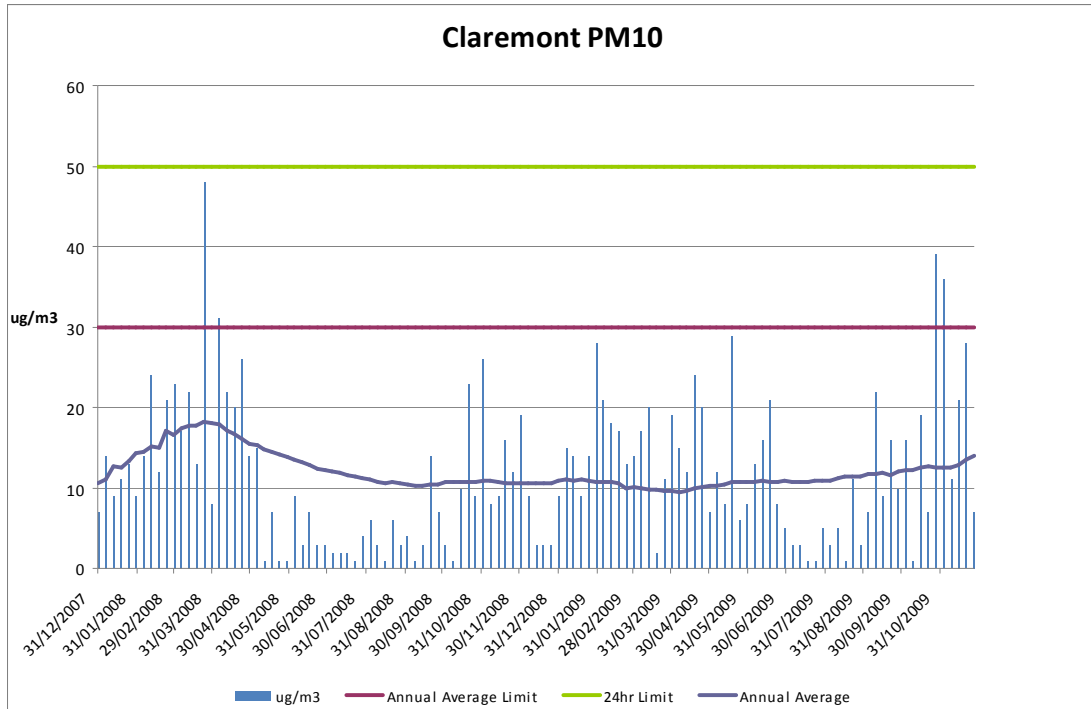
Deposited dust results have been relatively high since the last CCC meeting as a result of dusty conditions throughout September and October 2009 (including the severe dust storm on the 23rd September 2009) and sample contamination (plant material, insects and bird droppings). These results have had a significant impact on the annual average result.

The impact of the dust storms on deposited dust results was referred to the relevant agencies.

High Velocity Air Sampling (PM₁₀)

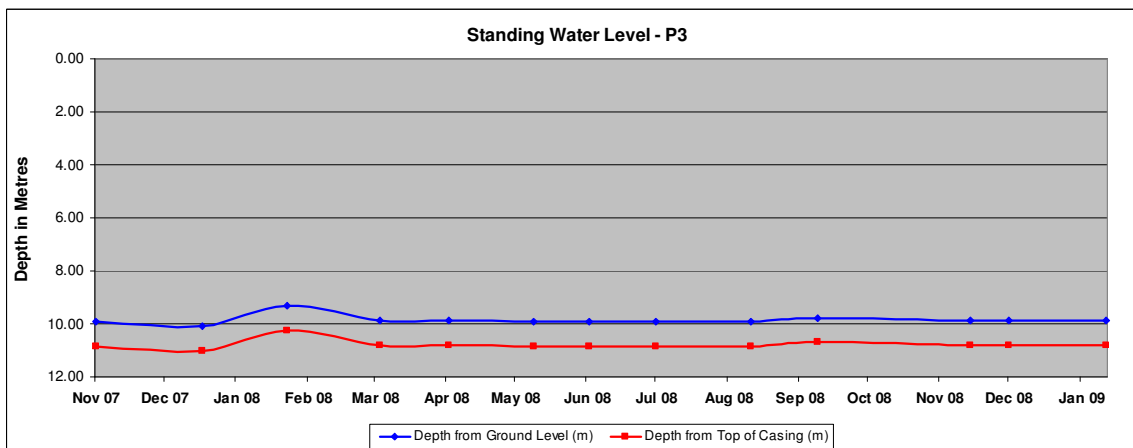
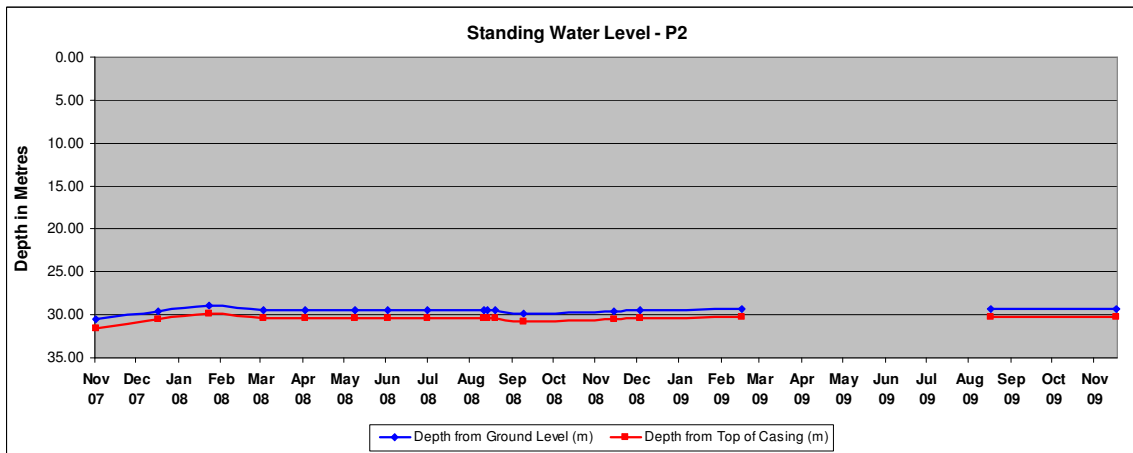
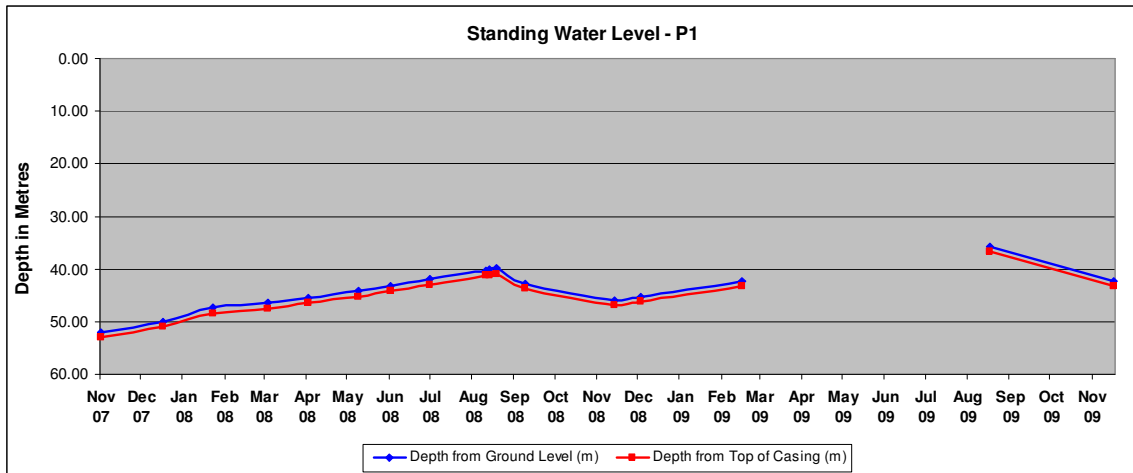
PM₁₀ measurements taken to date for the "Claremont" High Velocity Air Sampler is returning a running annual average of 14.02ug/m³ which is well below the annual average limit of 30ug/m³. The highest reading from this sampler remains at 48ug/m³ as measured on 23rd February 2008.

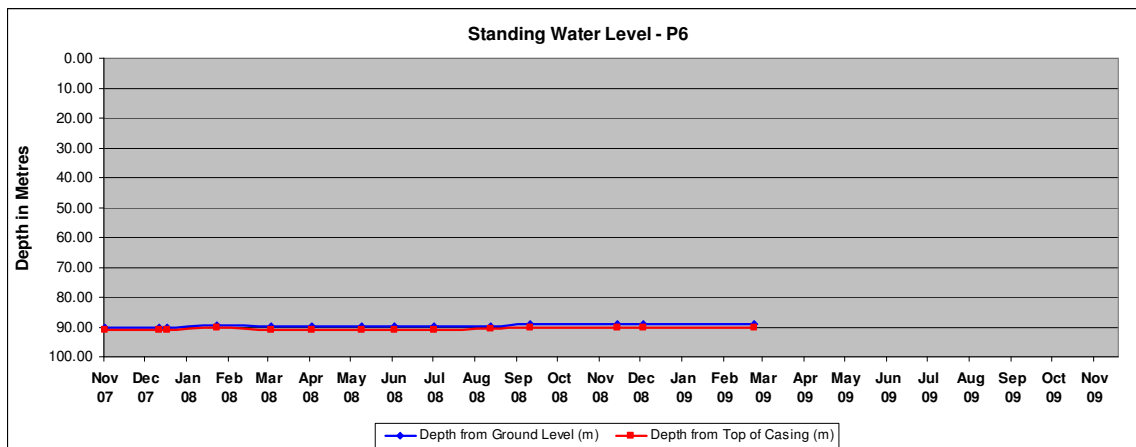
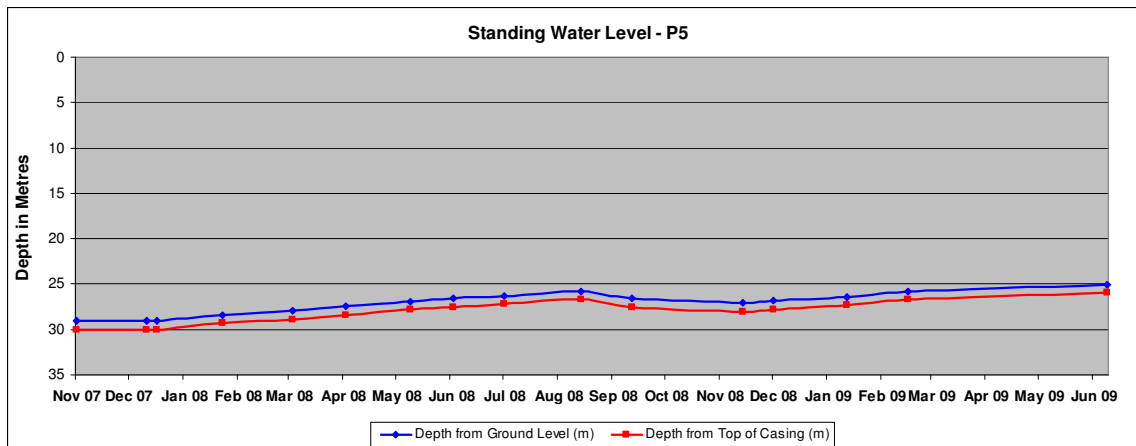
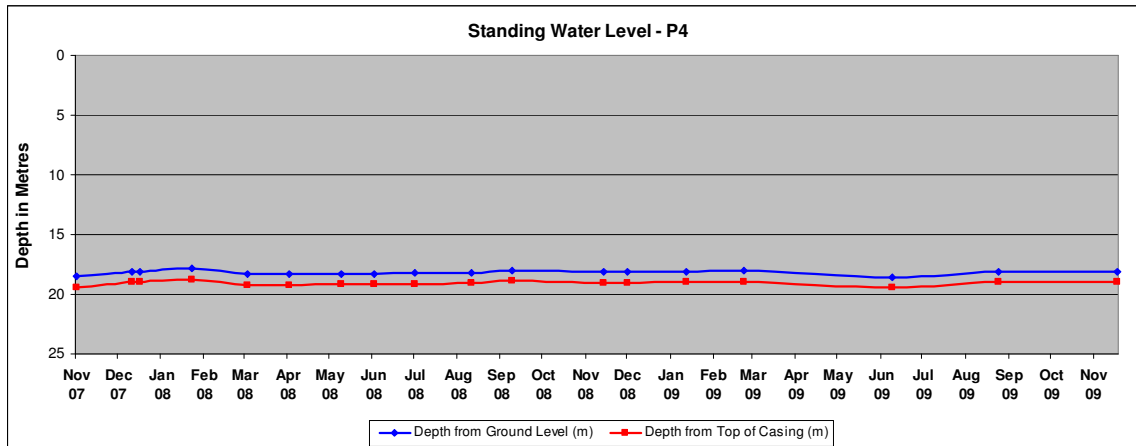
PM₁₀ measurements taken to date for the Turrabaa High Velocity Air Sampler is returning a running annual average of 15.16ug/m³ which is well below the annual average limit of 30ug/m³. The highest reading from this sampler remains at 70ug/m³ as measured on 17th May 2008.



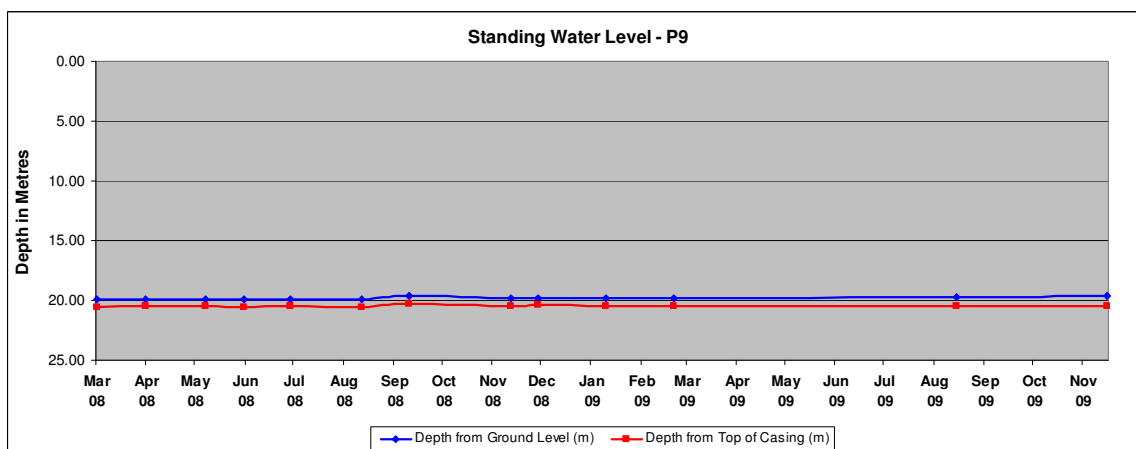
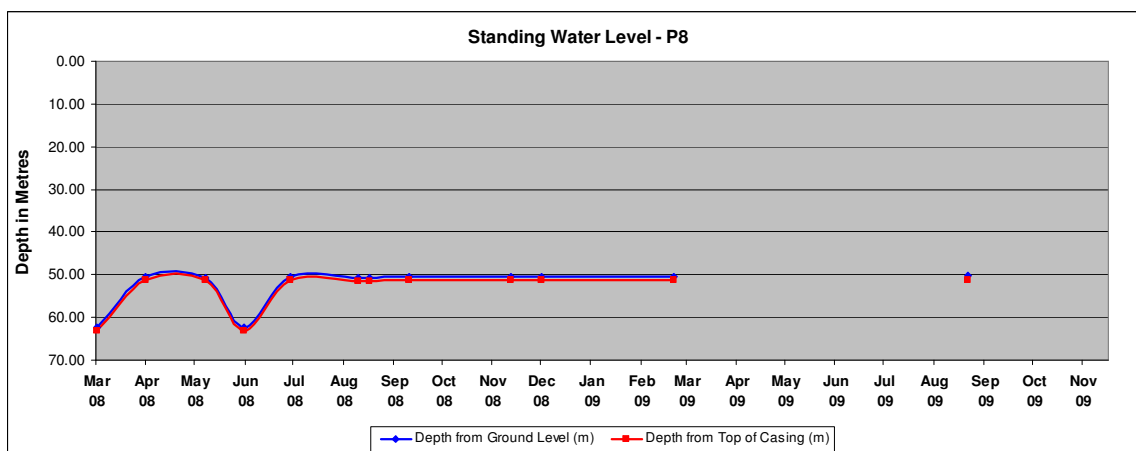
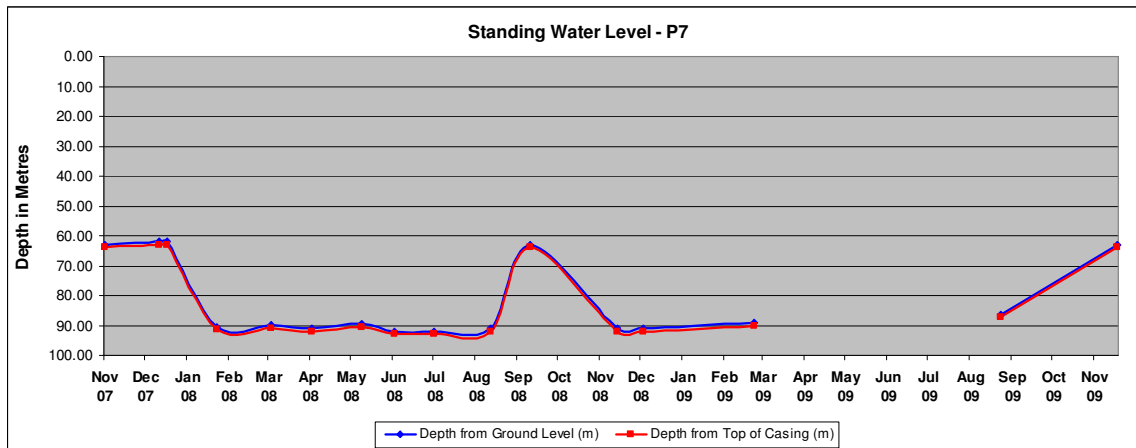
Groundwater Monitoring

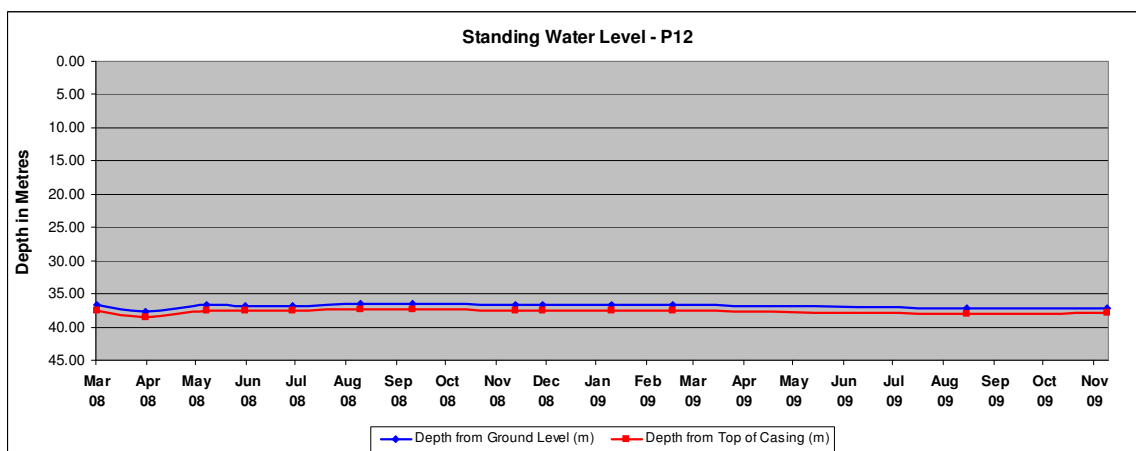
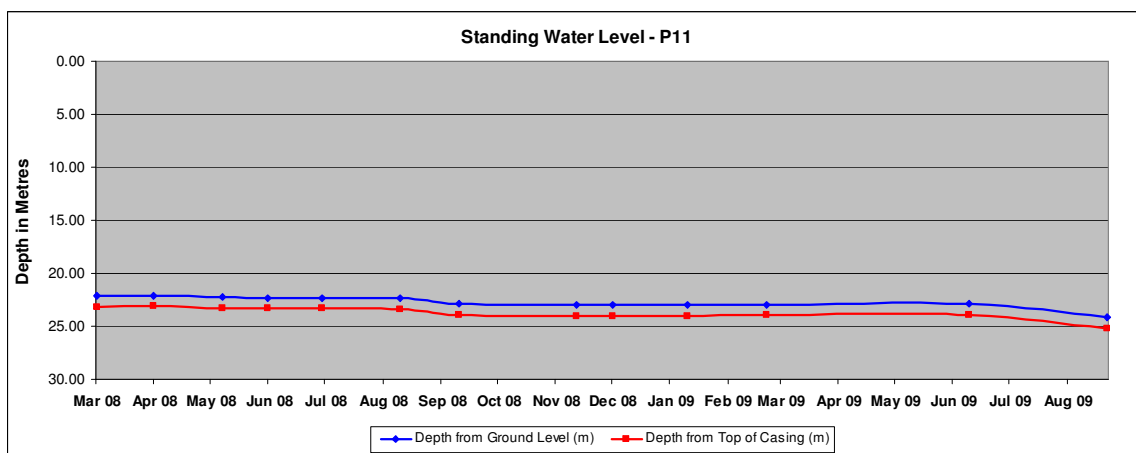
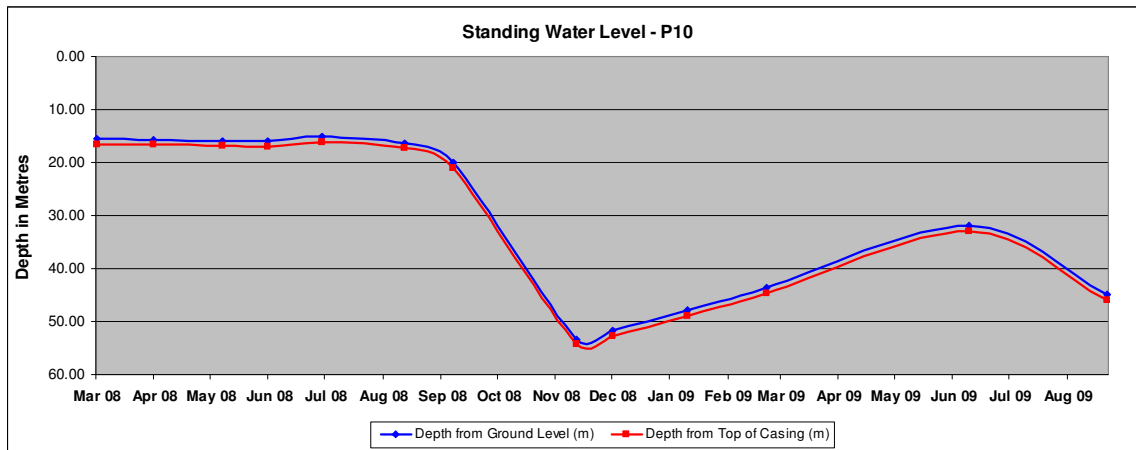
The most recent groundwater monitoring event was conducted in November 2009. P3 was not sampled and the standing water level at P8, P10 and P11 was not recorded due to equipment failure. It is expected that these will be recorded this week. Standing water levels were also recorded at the end of August 2009. Recorded Standing Water Levels to date are provided below.

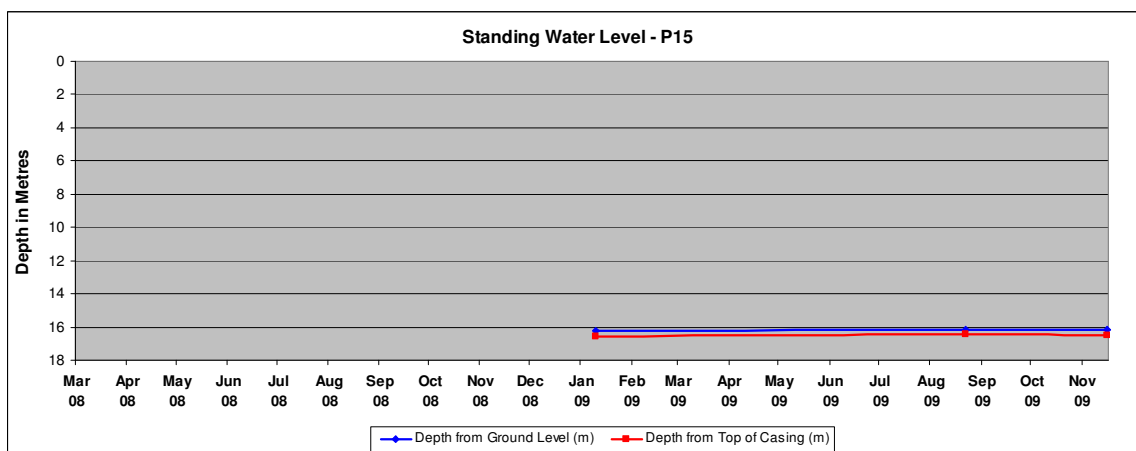
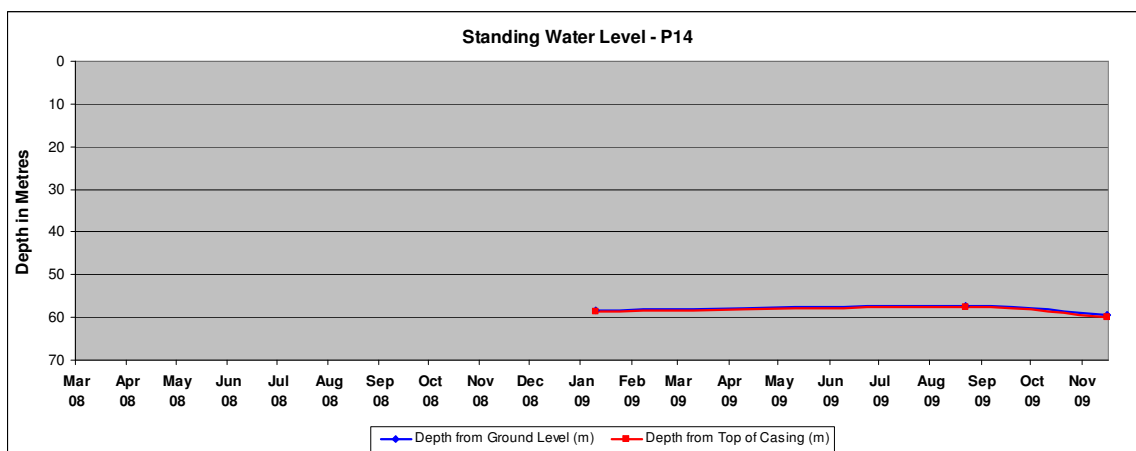
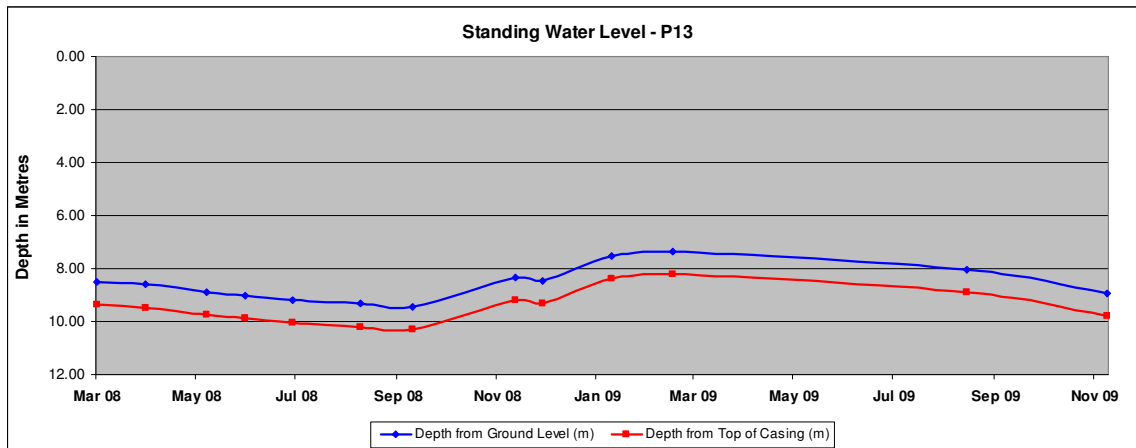


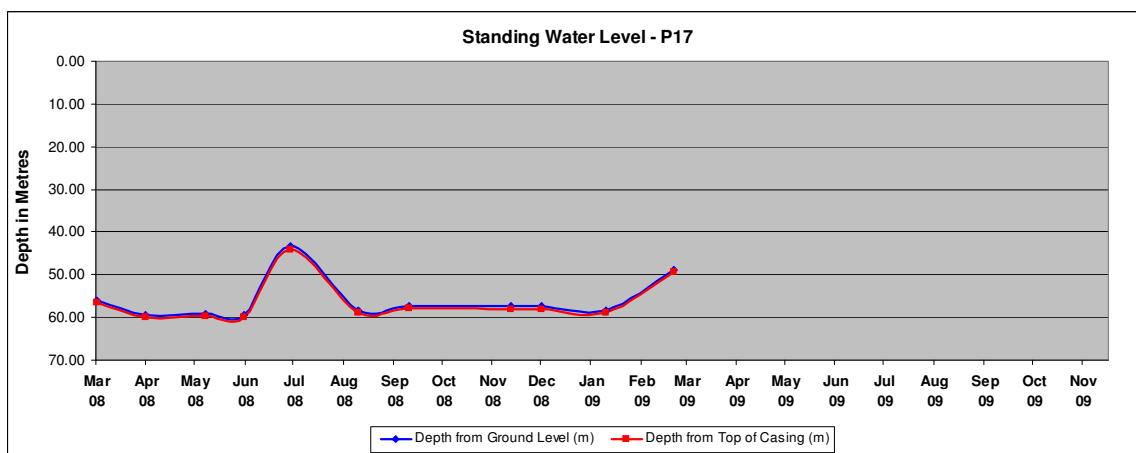
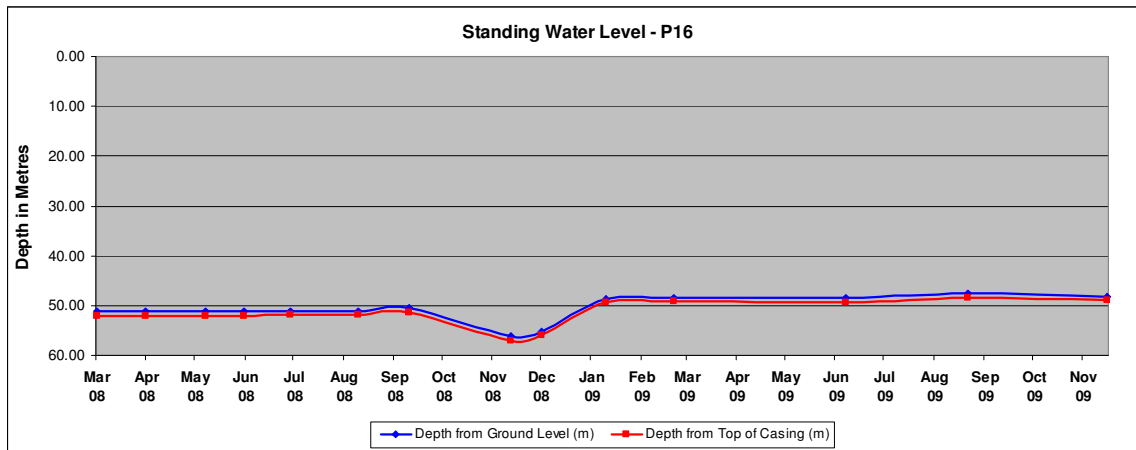


* P6 dry – Aug 09 and Nov 09

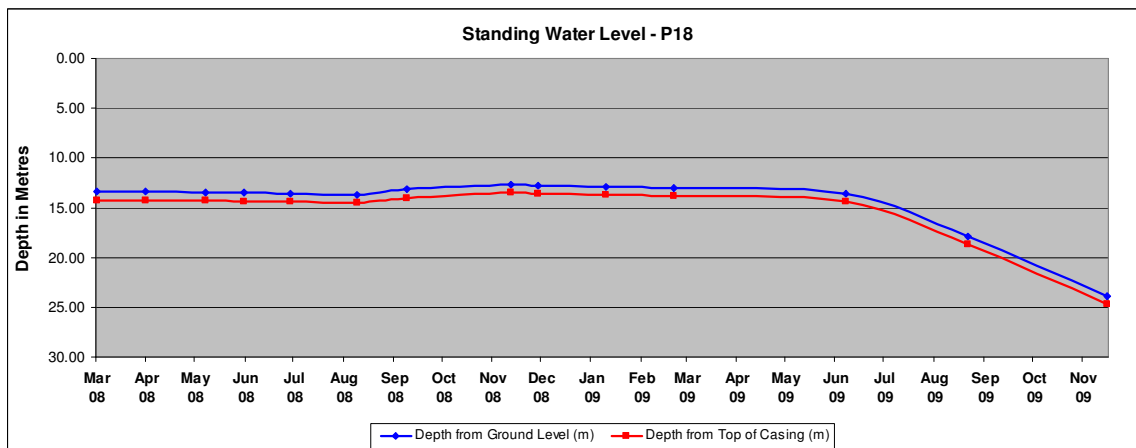


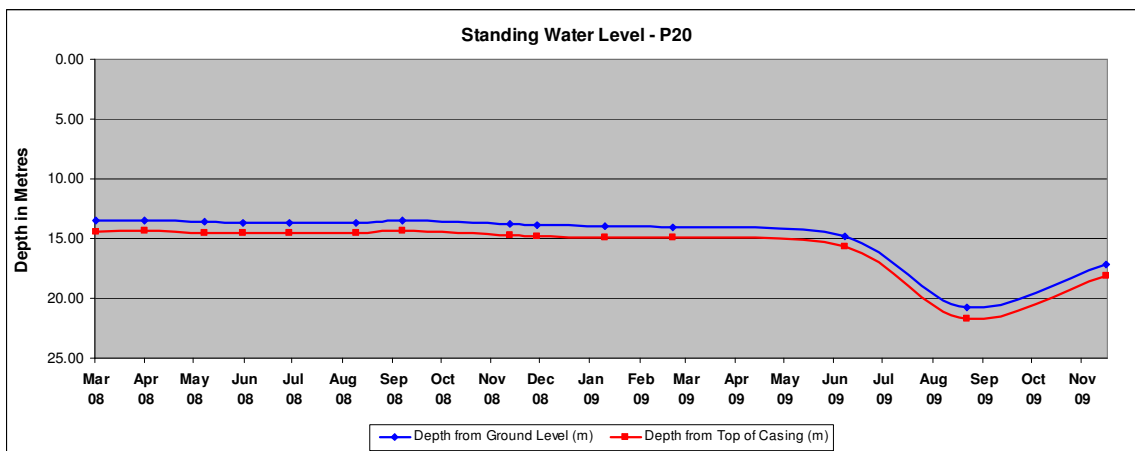
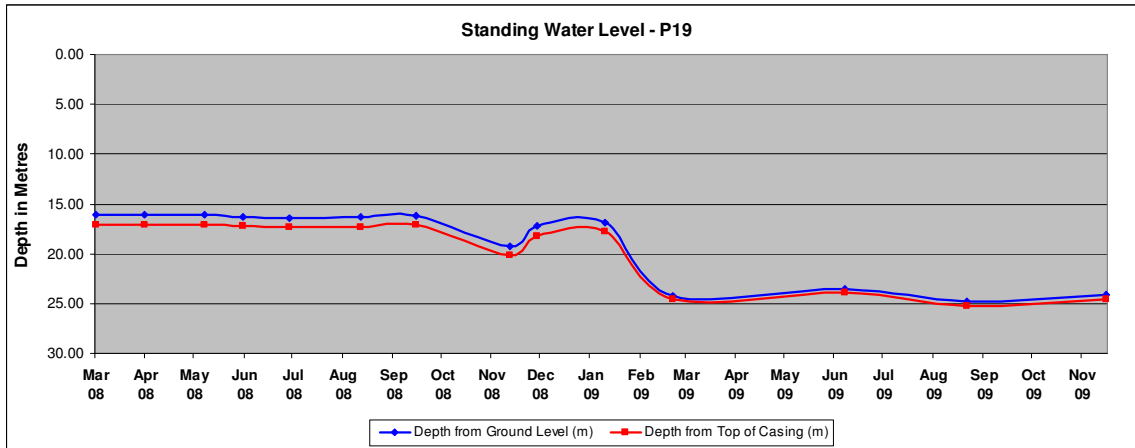






* P17 dry – June, Aug and November 2009





In general, groundwater levels have remained relatively constant since the last meeting. P18 has dropped approximately 10m since June 2009 which is likely associated with water extraction from the coal seam.

Surface Water Monitoring

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

Complaints

No complaints have been lodged on the complaints line since the previous meeting. A complaint was lodged directly with the Project Manager, Ben Bomford, who advised the Environmental Manager. Details of the complaint and follow up action are as follows:

25th November 2009

Complainant noted that noise was coming from the mine site between 2am and 5am each day.

The complainant was advised that the matter would be investigated to identify the noise source. Subsequent discussions between staff identified no additional surface fleet that would impact on noise sources, with the only other equipment on site related to the gas plant. It was determined that the best course of action would be to engage Spectrum Acoustics to undertake noise monitoring specifically during that time frame (2am-5am) to identify any noise source and if it is outside compliance requirements.

Noise monitoring will be conducted in December with the complaint to be followed up following receipt of monitoring results.

Rehabilitation

Additional rehabilitation works since the previous meeting have comprised re-working the eastern amenity bund and planting of tubestock in and around the bund to improve the visual aspect from the south-eastern side of the site.