



Werris Creek Coal Mine Community Consultative Committee

Fourth Meeting of the Committee

Tony Caine Room, Quirindi RSL Club

2.00pm 14th June 2007

MINUTES

1. Attendance

Ron Short, (Chairman); Tony Ryan, (Community Representative); Robert Hunt, Bob Stewart, (LPSC); Paul Hensley, (Manager Mining Engineering/MME); Rob Snook & Gordon Atkinson (WCC).

2. Minutes of Previous Meeting

Chairman Ron Short welcomed all in attendance and as an introduction provided a summary of the previous meetings minutes (August 2006) noting issues relating to difficulties in maintaining/attracting community representatives to the CCC despite advertising and the proposal to invite DPI Environmental Officer, Ms Monique Meyer to present the Department's overview of the WCC Annual Environmental Management Report (AEMR). No matters were raised under general business at the 22 August 2006 meeting.

3. Matters Arising

3.1 In regard to the provision of monthly environmental monitoring data Tony Ryan raised his concerns that despite this matter being discussed at the previous meeting data had since been supplied on an irregular basis (last results covering Oct, Nov and Dec06, Jan07) in and no further results until today's meeting (Feb and March07).

3.2 Recent changes in site management (until recently advised) had contributed to concerns in ensuring that the level of community contact previously available was to be maintained.

Discussion regarding recent management changes (Refer Item 6) and the content/detail of information provided in monitoring data together with the frequency of providing such information to CCC members resulted in the following proposal.

An overview, summarising WCC's environmental monitoring data to be provided quarterly explaining any exceedances and actions taken in reporting/addressing the particular issue. Details of any complaints received including description, date and actions taken to be included.

Moved R Short. Seconded T. Ryan

In addition WCC agreed to supply an updated set of Site contact details. Refer to attached list

Minutes of Previous Meeting held 22 August 2006 were accepted.

Moved R Stewart. Seconded T. Ryan

Following initial introductions of new attendees to the CCC, Chairman Ron Short requested each new attendee formally introduce themselves, in particular the WCC and Mining Contractor representatives. (Refer to Item 6).

4. Review of Consultative Committee Membership

This issue was previously discussed at last CCC meeting on 22 August 2006 as indicated at Item 2. Rob Hunt and Bob Stewart indicated that further attempts had been made to advertise for Community Representatives for the CCC. Some initial interest had been shown by several people but this had to date failed to result in nominations.

Bob Stewart suggested that LPSC would again advertise for Community Representatives and give Chairman, Ron Short's contact details for interested persons to contact Ron and discuss details/requirements of membership. In addition a short, "one page" application form would be used to enable interested persons to easily provide application details.

Currently three (3), Community Representatives being Ron Short, Tony Ryan and Chris Holley are members of the CCC. At least two (2) additional representatives are required.

Moved R Short that the above strategy is adopted and that LPSC would advertise as outlined. Seconded B Stewart.

5. Update on monitoring results to March 2007

Monitoring results for February 2007 and March 2007 tabled.
Refer to Item 3 regarding environmental monitoring results.

6. Re-structuring of Operations at WCC

Gordon Atkinson introduced himself as a local Tamworth based contract mining engineer supplying mine engineering and environmental planning services to WCC. Presently on site approximately 3 days per week. Responsibilities include mine development/rehabilitation, site environmental monitoring, compliance and reporting in accordance with statutory requirements eg DA, mining lease and EPA Licence etc. Currently assisting with completion of the second AEMR for the 12 month period ending 31 March 2007.

Paul Hensley introduced himself as the new Statutory Mine Manager (now Manager of Mining Engineering) for Marshalls Mining and Earthmoving, the new mining contractor or mine Operator Paul provided an outline of the new Coal Mining Act 2002 and Regulation 2006 that has resulted in changes to site management structure particularly in regard to OH&S. Mr Leslie Latcham is the Project Manger for MME. (refer attached site contact details). Paul extended an invitation to CCC members to contact the MME office to arrange site visits at a mutually agreeable time.

Rob Snook introduced himself as WCC Site Manager and the day to day WCC contact, in particular regarding environmental matters. Rob outlined changes regarding site rehabilitation (topsoiling and revegetation) activities that are now undertaken by WCC following the replacement of Roche Mining by MME as at 5 March 2007. Currently Rob is preparing the next 12 month program to enable WCC to progress site rehabilitation. Details to be included in the next AEMR.

7. Frequency of Committee Meetings

Current requirement is to meet at least 4 times a year, or as determined by the Director-General.

The next meeting to be planned to coincide with release of the second AEMR for the period ending 31 March 2007 and in conjunction with an invitation to DPI Environmental Officer, Ms Monique Meyer to present the Department's overview of the AEMR as referenced in Item 2.

In addition it was agreed to also extend an invitation to Department of Planning's, Colin Phillips.

Gordon Atkinson (WCC) to advise of next meeting date.

8. General Business

8.1 Tony Ryan re-iterated the importance of the CCC's ongoing role, the need for adequate information on a timely basis and clear lines of communication as outlined under Item 3.

WCC to review performance of the WCC "hot line" including message/complaint recordings and provide revised contact list. (refer to attached)

8.2 Ron Short and Bob Stewart raised the issue of complaints to date. In general few had been brought to their attention.

- An issue of dust from coal trains had been raised in November 2006 and had subsequently been addressed by the introduction of water sprays at coal train loading facility
- Recent issue of lack of CCC meetings had been addressed by convening this meeting
- In future details of any complaints to be provided in quarterly monitoring data and actions taken as described under Item 3.

8.3 Paul Hensley advised that a site (bus) tour had been arranged for members of the Werris Creek Bowling Club for the weekend 17/18th June 2007.

8.4 Rob Hunt raised the issue regarding a recent incident of explosives not detonating at the WCC mine. Paul Hensley supplied details of the incident and confirmed that a full investigation had been undertaken in accordance with DPI – Mineral Resources Safety Inspectorate. The blast area is secure and actions to safely recover the remaining explosive were underway in accordance with DPI approved procedures.

8.5 Bob Stewart informed members that a new set of "Guidelines for CCC" were due for release and would be made available.

Also suggested for consideration by WCC was the use or contribution to a Community Newsletter to assist with the distribution of current and correct information regarding WCC's current and future operations.

8.6 Gordon Atkinson provided an update regarding WCC's approach to alternate Biodiversity Offset Strategies including the proposed exchange of part of the current BOS with an alternate (improved) offset involving land within the "Eurunderee" property. General support for addressing biodiversity issues at a local level where possible.

Chairman Ron Short thanked all for their attendance and declared the meeting closed at 3.30pm

9. Next Meeting

Refer to Item 7.

Copy to:

Ron Short Chairman
Tony Ryan Local Community Representative
Chris Holley Local Community Representative

Colin Phillips DoP

Bob Stewart LPSC
Rob Hunt LPSC

Paul Hensley MME

Rob Snook WCC
Gordon Atkinson WCC

Attachment: WCC and MME Mine Contacts List

Werris Creek Coal Mine Community Consultative Committee

Fifth Meeting of the Committee

Tony Caine Room, Quirindi RSL Club

2.50pm 28th August 2007

MINUTES

1. **Attendance** Tony Ryan, (Community Representative); Monique Meyer (DPI – Mineral Resources); Bob Stewart, (LPSC); Des George, (Manager Mining Engineering/MME); Neil Brown & Gordon Atkinson (WCC).
2. **Apologies** Ron Short, (Chairman): Chris Holley, (Community Representative)
3. **Minutes of Previous Meeting**
In the absence of Chairman Ron Short (convalescing) Bob Stewart chaired the meeting and welcomed all in attendance in particular invited guest DPI's Acting Senior Environmental Officer, Ms Monique Meyer and MME's new Manager Mining Engineering, Des George.
4. **Matters Arising**
 - 4.1 In regard to the provision of quarterly environmental monitoring data including an overview explaining any exceedances and actions taken in reporting/addressing the particular issue plus details of any complaints received including description, date and actions taken an Environmental Monitoring Quarterly Report for the period April, May and June 2007 was tabled by G. Atkinson. This report was forwarded later than anticipated (aim to forward to CCC members at least 2 weeks prior to meeting) but served as an example for further comment in regard to content and format.
 - 4.2 Further changes to site management (both WCC and MME) were outlined by Neil Brown as General Manager of WCC to ensure that the level of community contact previously available and recently re-established continued. A copy of current structure as attached was tabled.
 - 4.3 An updated set of Site contact details as previously provided with Minutes from 14 June 2007 is attached.
 - 4.4 R Stewart confirmed that advertising for additional CCC Community Representatives had resulted in four (4) nominees. All four nominees had been submitted to the DG DoP Attention Colin Phillips for approval.
 - 4.5 Update regarding monitoring results was provided under Item 4.1.
 - 4.6 Further restructuring of operations at WCC was outlined by General Manager, Neil Brown as per Item 4.2 including introduction of MME's new Manager Mining Engineering, Des George who has replaced Paul Hensley. In addition replacement of blasting contractor RBS by Orica was confirmed.
 - 4.7 To ensure frequency of CCC meetings is maintained and that the next meeting was planned in conjunction with the WCC 2006/2007 AEMR Site Inspection this fifth meeting was convened despite limited attendance.
 - 4.8 Operation of the WCC "hot line" was confirmed and contact details for both the "hot line" and site contact are now posted at the front mine access gate.

Minutes of Previous Meeting held 14 June 2007 were accepted.
Moved T. Ryan, Seconded R Stewart.

5. Update regarding Consultative Committee Membership

Bob Stewart confirmed that LPSC had been successful in advertising for CCC Community Representatives as outlined in the 14 June 2007 meeting with all four (4) nominees received having been forwarded to Director General DoP, Attention Colin Phillips for approval.

Subject to DG approval it was considered that all four (4) nominees should be considered for membership and that the next CCC meeting should consider a WCC site visit as a means of introduction to the role as a CCC member.

6. Update on monitoring results to March 2007

Monitoring results for April, May and June 2007 tabled. Refer to Item 4.1.

7. Overview of DPI Environmental Role

Monique Meyer Acting Senior Environmental Officer, DPI provided an outline of the Department's role and responsibilities in regard to environmental management in the coal mining industry. In particular the purpose of the AEMR in monitoring site environmental performance and the importance of consultation with immediate neighbours and the community.

Issues currently outlined in the 2006/2007 AEMR and requiring attention included noise, rehabilitation, site water management and biodiversity issues.

A copy of the 2006/2007 AEMR to be forwarded to T Ryan.

8. General Business

Operational Noise exceedances and the air blast overpressure on 15th May 2007 were noted in the April, May and June 2007 monitoring results.

Acting Chairman Bob Stewart thanked all for their attendance and declared the meeting closed at 3.35pm

9. Next Meeting

Refer to Item 5. Next meeting to be planned around a site visit to welcome new CCC members.

Copy to:

Ron Short Chairman
Tony Ryan Local Community Representative
Chris Holley Local Community Representative

Colin Phillips DoP
Monique Meyer DPI
Bob Stewart LPSC

Des George MME

Neil Brown WCC
Gordon Atkinson WCC

Attachment: WCC and MME Mine Contacts List
WCC Management Structure
WCC Environmental Monitoring Quarterly Report, April, May and June 2007

Werris Creek Coal Mine Community Consultative Committee

Fifth Meeting of the Committee **Tony Caine Room, Quirindi RSL Club** **2.30pm 28th August 2007**

AGENDA

1. Record of Attendance
2. Minutes of Previous Meeting
3. Matters Arising
4. Update regarding Consultative Committee Membership
5. Quarterly Monitoring Results April, May and June 2007
6. Overview of 2006/2007 AEMR by Monique Meyers, Acting Senior Environmental Officer, DPI – Mineral Resources
7. General Business
8. Next Meeting

Copy to:

Ron Short	Chairman
Tony Ryan	Local Community Representative
Chris Holley	Local Community Representative
Vacant	Local Community Representative
Bob Stewart	LPSC
Monique Meyers	DPI – Mineral Resources
Leslie Latcham	MME
Neil Brown	WCC
Rob Snook	WCC
Gordon Atkinson	WCC



WERRIS CREEK COAL PTY LTD

ENVIRONMENTAL MONITORING

QUARTERLY REPORT

APRIL, MAY AND JUNE 2007

SUMMARY

This report covers the period 1st April 2007 to 30th June 2007. The first three months of the 2007/8 Annual Environmental Monitoring Period.

This report was prepared by Werris Creek Coal and includes the following monitoring for the period:

- HVAS (PM10) monitoring
- TSP monitoring
- Noise Monitoring
- Blast Monitoring
- Groundwater Monitoring
- Deposited Dust

REPORTING PERIOD RESULTS

Note: Monitoring results attached with any non compliance of monitoring criteria highlighted in yellow.

Summary

PM10

Monitoring is conducted at four sites (Ryan, Patterson, Marquette and Eurunderee) .

Data recovery from each site was 100%.

One individual PM10 24 hour average result at the Marquette site (17/04/2007) exceeded the short term 24 hour impact criteria of 50ug/m³.

All other individual PM10 24 hour average results, at all sites, were equal to or below the short term 24 hour impact criteria of 50ug/m³

Currently, all PM10 sites are below the long term impact and land acquisition annual impact criteria of 30ug/m³

TSP

Monitoring is conducted at one site (Ryan)

Data recovery from this site was 100%.

Currently, the TSP site is below the long term impact and land acquisition annual impact criteria of 90ug/m³

WEATHER

Weather data was available for 100% of the period.

NOISE

Spectrum Acoustics conducted three visits to Werris Creek Coal during the period to undertake attended noise monitoring. Monitoring was undertaken on the 12th April, 30th May and 27th June. Due to wet and windy conditions with windy speeds gusting to over 8m/s during the June monitoring no valid measurements were possible at any locations.

Attended noise monitoring identified several incidences of non-compliance during the reporting period.

BLAST MONITORING

During this reporting period a total of 27 blasts numbered WC112 to WC132 and ORICA1 to ORICA6. Orica became Blasting contractors in June 2007.

On the 15th May 2007, the maximum allowable airblast overpressure criterion of 120dB(L) was exceeded at "Railway View". Verbal notification was sent to the EPA with a detailed report from the Blasting Contractors (Roche Blasting Services) following.

WATER

Groundwater monitoring was undertaken 4th April.

DEPOSITED DUST

Limits were removed from Environment Protection Licence 12290 pertaining to mean annual dust deposition, however, in accordance with commitments within the approved Air Quality Monitoring Programme, monthly routine air quality monitoring for Werris Creek Coal continues to be undertaken for deposited dust.

GENERAL

Annual EPA Return submitted.

Werris Creek HVAS results

Date	WCHV-1 Marquett (PM10)	WCHV-2 Patterson (PM10)	WCHV-3 Ryan 6	WCHV-4 Eurunderee (PM10)	WCHV-5 Ryan TSP	24hr criteria PM10	annual criteria PM10	TSP	PM10/TSP Ratio	PM10/TSP Ratio moving ave
5/04/2007	20	15	13	23	29	50	30	90	45%	44%
11/04/2007	23	18	15	38	28	50	30	90	54%	44%
17/04/2007	56	30	23	29	45	50	30	90	51%	44%
23/04/2007	25	17	17	19	46	50	30	90	37%	44%
29/04/2007	15	11	11	11	28	50	30	90	38%	44%
5/05/2007	41	36	39	34	60	50	30	90	65%	45%
11/05/2007	13	4	4	8	15	50	30	90	27%	44%
17/05/2007	10	7	7	6	15	50	30	90	47%	44%
23/05/2007	12	6	3	6	12	50	30	90	25%	44%
29/05/2007	3	6	3	6	10	50	30	90	30%	44%
4/06/2007	5	3	0	0	6	50	30	90	0%	43%
10/06/2007	7	4	4	4	11	50	30	90	36%	43%
16/06/2007	3	3	0	0	2	50	30	90	0%	42%
22/06/2007	10	6	5	2	16	50	30	90	31%	42%
28/06/2007	4	0	0	5	1	50	30	90	0%	41%

Summary		Winnis Creek																				
Date	12 min	T2 av	T2 max	INV min	INV av	INV max	H min	H av	H max	RAINF mm	WS min	WS av	WS max	ST min	ST av	ST max	Bat min	Bat av	Bat max	SR min	SR av	SR max
10/4/2007	10.1	17.7	25.1	-24.5	-0.5	27.4	29.0	52.3	76.0	0.0	0.5	2.7	3.5	4.0	15.4	47.0	6872.1	6959.2	7038.0	-7.0	240.7	696.0
20/4/2007	13.6	19.6	26.1	-26.0	0.1	29.2	27.0	49.3	73.0	0.0	0.2	1.2	3.3	4.0	30.9	94.0	6857.8	6946.0	7010.5	-7.0	245.0	838.0
30/4/2007	14.4	20.0	26.3	-26.2	1.3	27.3	30.0	51.2	77.0	0.0	0.1	1.3	3.4	3.0	26.1	91.0	6857.8	6944.2	7004.8	-7.0	195.3	931.0
4/04/2007	13.3	20.1	28.0	-23.4	-0.5	24.3	28.0	50.3	88.0	0.0	0.2	2.1	4.6	2.0	20.7	97.0	6856.6	6940.0	7002.9	-7.0	218.5	841.0
5/04/2007	13.4	19.1	27.1	-22.4	-1.4	19.3	31.0	63.9	84.0	4.2	0.1	1.8	6.1	6.0	28.4	96.0	6793.9	6841.9	7011.9	-7.0	192.7	893.0
6/04/2007	13.3	17.2	23.7	-10.4	-2.5	10.5	36.0	67.4	89.0	0.0	1.4	5.0	10.5	3.0	10.1	21.0	6862.5	6901.9	7003.5	-7.0	220.3	875.0
7/04/2007	10.4	15.9	22.4	-21.2	-1.8	18.4	33.0	62.4	95.0	0.0	0.7	3.6	8.4	5.0	13.2	61.0	6888.0	6972.1	7033.5	-7.0	224.6	965.0
8/04/2007	9.4	18.1	23.1	-23.0	0.2	25.7	32.0	59.9	88.0	0.0	0.3	3.2	6.0	5.0	13.7	51.0	6868.9	6957.0	7037.0	-7.0	207.0	946.0
9/04/2007	9.2	16.6	24.7	-22.2	-1.3	18.6	33.0	60.4	85.0	0.0	0.2	2.4	5.2	4.0	17.3	67.0	6877.6	6965.0	7038.0	-7.0	210.3	899.0
10/04/2007	9.3	17.0	24.9	-23.4	-0.4	21.4	21.0	53.6	90.0	0.0	0.1	1.5	3.7	4.0	26.9	87.0	6878.0	6865.2	7041.3	-7.0	230.1	804.0
11/04/2007	8.3	17.8	24.3	-23.4	0.9	24.4	17.0	47.3	85.0	0.0	0.1	2.1	7.0	3.0	20.7	70.0	6865.4	6860.0	7040.0	-7.0	222.5	805.0
12/04/2007	10.5	17.9	25.6	-23.6	0.4	26.4	30.0	46.1	89.0	0.0	0.3	2.1	4.5	2.0	17.7	98.0	6872.4	6956.1	7027.3	-7.0	219.9	836.0
13/04/2007	9.3	17.5	27.8	-27.5	-2.0	17.2	12.0	52.2	84.0	0.0	0.1	1.6	4.8	2.0	25.1	102.0	6850.8	6861.8	7048.9	-7.0	216.2	784.0
14/04/2007	10.9	16.6	25.7	-23.4	-0.3	24.5	27.0	49.7	78.0	0.0	0.1	1.2	3.4	3.0	31.6	80.0	6866.1	6850.4	7031.8	-7.0	200.0	810.0
15/04/2007	14.4	20.2	26.9	-22.3	-0.1	18.4	25.0	47.7	68.0	0.0	0.1	1.6	5.4	3.0	28.3	88.0	6860.6	6833.0	6992.1	-7.0	173.8	813.0
16/04/2007	15.3	21.1	28.8	-17.9	1.4	27.6	23.0	44.0	68.0	0.0	0.2	2.7	5.6	4.0	20.2	72.0	6852.4	6828.0	6975.1	-7.0	199.2	746.0
17/04/2007	12.3	20.1	28.5	-24.0	-3.2	15.1	21.0	54.5	91.0	0.0	0.2	1.8	3.7	5.0	23.1	84.0	6847.3	6836.4	7018.8	-7.0	205.5	744.0
18/04/2007	13.0	20.6	28.6	-28.1	-1.5	25.5	18.0	50.3	85.0	0.0	0.2	1.2	2.8	2.0	25.9	88.0	6834.6	6837.2	7011.9	-7.0	203.1	733.0
19/04/2007	13.1	20.9	27.3	-18.8	3.9	37.7	30.0	50.2	74.0	0.0	0.1	1.3	3.6	3.0	26.4	90.0	6823.3	6840.1	7002.3	-7.0	145.4	804.0
20/04/2007	12.9	20.7	28.9	-24.9	-2.0	16.0	22.0	58.7	92.0	0.0	0.1	1.4	4.5	1.0	27.4	92.0	6845.8	6837.4	7015.4	-7.0	194.7	720.0
21/04/2007	13.3	20.0	28.0	-23.9	-2.0	16.0	22.0	58.7	92.0	0.0	0.2	1.9	3.4	3.0	20.5	92.0	6846.6	6836.2	7005.5	-7.0	185.0	754.0
22/04/2007	13.4	19.9	28.3	-22.0	-0.5	15.1	25.0	50.4	81.0	0.0	0.1	1.7	4.5	6.0	26.5	97.0	6834.6	6836.2	6990.6	-7.0	169.1	781.0
23/04/2007	10.2	17.5	25.0	-30.6	-2.2	25.1	28.0	56.1	76.0	0.0	0.1	2.5	6.1	3.0	22.6	91.0	6809.0	6850.1	7035.6	-7.0	184.2	907.0
24/04/2007	12.9	17.0	23.8	-18.3	-3.2	12.8	40.0	84.8	84.0	0.0	1.2	3.6	6.4	4.0	12.3	52.0	6895.6	6991.6	7007.3	-7.0	154.9	772.0
25/04/2007	12.2	17.0	23.8	-25.7	-4.1	10.0	43.0	67.9	84.0	0.0	0.4	3.2	6.2	3.0	13.3	82.0	6863.1	6854.6	7007.9	-7.0	140.4	802.0
26/04/2007	11.8	17.2	23.9	-22.0	-3.6	9.5	39.0	85.3	88.0	0.0	0.4	2.4	5.5	3.0	17.1	78.0	6876.9	6857.2	7009.0	-7.0	134.9	845.0
27/04/2007	13.8	16.2	16.8	-7.8	-1.9	6.1	71.0	88.0	94.0	14.8	0.2	1.3	3.5	7.0	20.8	88.0	6860.0	6890.3	6894.0	-7.0	21.3	121.0
28/04/2007	14.5	15.4	16.0	-10.4	-2.0	1.4	75.0	88.5	95.0	23.0	0.4	2.9	5.7	11.0	17.9	48.0	6840.0	6876.3	6891.8	-7.0	97.5	837.0
29/04/2007	13.4	16.7	20.8	-13.4	-3.7	1.2	41.0	84.4	86.0	0.0	1.4	3.0	6.5	16.0	15.9	27.0	6911.9	6992.6	6986.5	-7.0	167.7	811.0
30/04/2007	12.5	15.1	17.8	-11.8	-1.2	13.2	50.0	68.1	92.0	2.0	0.2	3.2	5.2	5.0	16.8	38.0	6849.9	6876.2	7006.9	-7.0	83.7	683.0
Month	9.2	18.2	28.6	-30.6	-1.0	37.7	12.0	57.9	65.0	43.8	0.1	2.3	10.5	1.0	21.2	102.0	6785.0	6854.1	7046.8	-7.0	182.8	965.0

Summary May-27 Weirris Creek

Date	12 min	12 av	12 max	INV min	INV av	INV max	H min	H av	H max	FAIN (mm)	WS min	WS av	WS max	ST min	ST av	ST max	Bat min	Bat max	SR min	SR av	SR max
1/05/2007	8.5	14.8	21.2	-21.5	1.0	27.1	40.0	66.5	93.0	0.0	0.1	1.2	3.4	3.0	28.3	91.0	6694.8	6991.5	-7.0	190.9	640.0
2/05/2007	10.4	15.9	21.6	-17.8	2.7	29.1	38.0	69.5	96.0	0.0	0.3	2.1	3.8	4.0	18.9	94.0	6894.8	7044.0	-7.0	196.2	860.0
3/05/2007	10.0	16.4	25.8	-23.8	0.8	26.1	27.0	51.7	63.0	0.0	0.1	2.1	4.3	5.0	22.5	80.0	6894.8	7033.8	-7.0	178.4	680.0
4/05/2007	13.8	20.8	27.9	-18.8	1.7	31.7	26.0	48.5	72.0	0.0	0.2	2.1	4.2	5.0	23.2	78.0	6854.0	7000.4	-7.0	168.2	684.0
5/05/2007	9.7	17.2	25.1	-23.5	3.7	30.8	28.0	56.5	67.0	0.0	0.1	1.2	2.8	1.0	23.4	84.0	6872.5	7038.1	-7.0	176.0	688.0
6/05/2007	10.3	17.2	25.8	-27.5	2.4	28.8	25.0	53.4	61.0	0.0	0.1	0.9	2.0	0.0	24.4	85.0	6868.3	7031.9	-7.0	169.2	725.0
7/05/2007	11.9	18.9	28.4	-24.3	0.9	24.1	35.0	57.5	79.0	0.0	0.1	1.4	3.9	4.0	26.5	92.0	6861.9	7091.8	-7.0	169.1	661.0
8/05/2007	13.7	19.7	28.1	-23.3	-0.4	18.7	35.0	57.0	79.0	0.0	0.2	1.3	4.7	3.0	27.8	88.0	6861.0	7068.1	-7.0	164.5	628.0
9/05/2007	12.4	18.9	25.5	-23.2	0.9	20.9	40.0	65.8	80.0	0.0	0.2	1.8	5.1	5.0	24.2	83.0	6867.8	7087.0	-7.0	152.7	646.0
10/05/2007	13.0	18.2	20.1	-12.7	0.1	10.2	65.0	60.8	89.0	0.5	0.3	3.1	7.3	0.0	11.0	24.0	6928.9	6971.2	-7.0	94.8	712.0
11/05/2007	10.2	15.9	22.6	-24.5	0.7	22.5	43.0	68.0	94.0	0.2	0.1	2.0	4.7	3.0	21.3	95.0	6862.1	6874.0	-7.0	150.5	612.0
12/05/2007	7.0	15.9	23.6	-20.8	0.4	26.8	32.0	60.0	89.0	0.0	0.2	2.3	5.1	5.0	22.7	88.0	6879.0	6874.5	-7.0	159.0	628.0
13/05/2007	11.3	17.2	22.9	-17.0	1.5	22.2	41.0	65.6	89.0	0.0	0.1	1.2	4.2	2.0	25.4	81.0	6894.4	6860.6	-7.0	111.5	624.0
14/05/2007	11.3	17.3	24.2	-23.2	1.2	20.3	31.0	63.7	83.0	0.0	0.1	1.0	3.3	3.0	26.8	86.0	6860.3	6863.1	-7.0	152.8	720.0
15/05/2007	11.0	17.2	24.2	-19.8	1.8	24.5	33.0	63.1	89.0	0.0	0.1	1.1	3.3	4.0	26.4	87.0	6875.1	6863.8	-7.0	148.4	695.0
16/05/2007	13.0	15.7	21.7	-17.3	2.3	17.6	61.0	81.7	94.0	11.2	0.1	1.2	4.3	5.0	25.7	85.0	6874.1	6875.0	-7.0	90.9	651.0
17/05/2007	10.4	17.4	24.0	-18.0	0.8	18.8	43.0	75.5	86.0	0.2	0.0	1.3	2.8	0.0	20.8	93.0	6878.9	6896.1	-7.0	141.3	602.0
18/05/2007	12.3	14.7	20.0	-4.1	-1.3	3.7	61.0	64.2	94.0	36.8	0.8	3.7	6.8	6.0	18.5	57.0	6948.0	7004.4	-7.0	10.2	178.0
19/05/2007	11.9	14.1	16.3	-15.4	-2.0	12.8	53.0	77.0	94.0	0.0	1.0	2.6	4.2	5.0	18.5	48.0	6947.4	7010.5	-7.0	114.5	705.0
20/05/2007	9.1	13.4	18.7	-17.1	1.0	20.1	44.0	70.2	93.0	0.0	0.1	1.5	3.1	4.0	32.2	98.0	6950.4	6892.9	-7.0	133.2	722.0
21/05/2007	8.9	13.4	18.0	-18.7	-1.3	14.0	43.0	69.5	87.0	0.0	0.1	2.0	3.5	5.0	20.8	80.0	6928.0	6953.9	-7.0	155.2	653.0
22/05/2007	7.8	12.0	16.5	-15.4	-0.4	12.7	43.0	61.0	80.0	0.0	0.1	2.4	4.5	7.0	20.1	78.0	6952.9	7003.8	-7.0	147.4	623.0
23/05/2007	3.5	9.1	15.7	-21.1	1.5	18.1	42.0	70.3	94.0	0.0	0.1	1.2	3.0	1.0	27.4	53.0	6953.0	7034.0	-7.0	149.1	586.0
24/05/2007	3.1	9.8	17.1	-22.8	1.8	23.4	34.0	68.0	84.0	0.0	0.1	1.0	2.3	0.0	26.5	98.0	6936.4	7038.3	-7.0	150.3	593.0
25/05/2007	2.7	10.8	18.3	-20.4	2.1	22.5	31.0	64.4	82.0	0.0	0.1	0.9	2.0	3.0	27.1	80.0	6917.4	7023.1	-7.0	149.7	580.0
26/05/2007	5.7	13.9	22.1	-19.0	4.3	23.5	28.0	58.8	87.0	0.0	0.1	0.9	2.9	0.0	22.4	89.0	6891.4	7004.1	-7.0	148.4	570.0
27/05/2007	8.5	14.7	21.8	-19.9	4.0	34.0	40.0	61.9	78.0	0.0	0.1	1.3	2.9	3.0	23.9	88.0	6891.8	6895.5	-7.0	143.2	568.0
28/05/2007	9.7	15.8	22.2	-19.4	2.4	23.8	37.0	61.8	86.0	0.0	0.1	1.5	5.8	5.0	28.2	94.0	6895.0	6875.1	-7.0	137.2	588.0
29/05/2007	11.7	17.8	23.3	-10.6	2.0	27.7	41.0	57.3	80.0	0.0	0.4	3.1	9.9	6.0	21.2	78.0	6868.8	6856.4	-7.0	125.2	561.0
30/05/2007	6.4	12.8	18.1	-15.7	-1.8	17.0	51.0	73.2	95.0	13.0	0.1	2.5	6.3	0.0	18.8	87.0	6947.8	6894.1	-7.0	137.1	644.0
31/05/2007	3.0	9.1	16.0	-22.5	3.0	28.9	37.0	70.5	85.0	0.0	0.1	1.1	2.6	3.0	27.1	100.0	6948.8	7034.1	-7.0	142.5	571.0
Monthly	2.7	15.3	27.9	-27.5	1.2	34.0	25.0	65.1	98.0	61.5	0.8	1.7	6.9	9.0	23.7	108.0	6854.0	6978.5	-8.0	141.8	840.0

Werris Creek Coal Environmental Monitoring – June 2007

Summary Jun-07 Werris Creek

Date	12 min	12 av	12 max	1N min	1N av	1N max	H min	H av	H max	RAIN mm	WS min	WS av	WS max	ET min	ET av	ET max	Bul min	Bul av	Bul max	SR min	SR av	SR max
1/06/07	1.7	8.0	17.0	-28.8	3.1	24.8	45.9	70.8	93.0	0.0	0.2	1.0	2.5	0.0	24.8	93.0	6946.3	7036.1	7107.1	-7.0	139.6	596.0
2/06/07	4.8	11.2	19.8	-19.2	2.0	28.1	34.0	68.7	94.0	0.0	0.1	0.8	2.8	0.0	28.5	88.0	6914.8	7017.5	7081.8	-7.0	136.7	581.0
3/06/07	7.2	10.1	13.4	-19.7	6.8	30.0	77.0	87.7	96.0	7.2	0.1	1.2	0.1	4.3	25.9	96.0	6967.5	7024.9	7082.4	-7.0	34.1	341.0
4/06/07	3.8	10.0	16.8	-19.7	2.4	21.8	60.0	85.8	97.0	0.4	0.0	1.0	2.3	1.0	24.7	90.0	6937.3	7021.5	7075.5	-7.0	128.5	546.0
5/06/07	4.3	10.7	17.9	-20.5	0.2	13.7	48.0	79.3	95.0	0.2	0.2	0.8	2.1	3.0	27.0	81.0	6932.4	7017.7	7083.3	-7.0	123.4	647.0
6/06/07	6.7	13.8	18.5	-12.8	0.3	12.4	55.8	76.1	88.0	0.0	0.1	1.2	2.7	5.2	24.3	93.0	6967.0	6999.8	7044.6	-7.0	83.7	489.0
7/06/07	10.8	12.4	16.1	-16.2	-2.6	5.6	71.4	90.8	95.6	19.8	0.2	1.8	4.0	5.6	21.9	74.6	6955.1	6994.6	7033.0	-7.0	62.2	481.1
8/06/07	5.5	7.1	10.8	-8.0	-3.0	-0.3	90.8	93.6	95.1	16.8	0.5	3.1	5.7	6.8	18.9	38.0	7013.0	7041.3	7085.3	-7.2	16.0	331.8
9/06/07	3.2	8.3	13.0	-17.3	-3.8	1.4	88.1	88.3	86.0	20.8	0.1	2.0	4.0	7.2	21.8	88.7	6972.4	7029.2	7074.9	-7.3	99.3	632.2
10/06/07	0.7	11.7	10.5	-18.0	0.4	22.6	54.7	74.7	93.0	0.0	0.1	1.3	3.3	4.8	22.8	82.4	6942.3	7006.4	7054.3	-7.2	90.0	795.5
11/06/07	4.8	9.9	15.7	-10.3	2.1	21.8	52.8	76.0	84.0	0.2	0.1	1.4	3.1	3.4	23.2	87.5	6954.0	7022.4	7071.3	-7.2	136.3	571.5
12/06/07	4.1	8.0	14.1	-19.1	0.8	17.7	50.8	73.9	95.4	0.0	0.1	1.7	4.7	7.0	23.8	84.8	6967.0	7040.3	7085.8	-7.3	115.8	580.9
13/06/07	-0.3	5.7	12.3	-19.8	2.8	22.1	42.8	75.5	86.1	0.0	0.2	1.2	3.3	0.0	21.8	82.7	6993.8	7080.3	7128.3	-7.3	131.6	595.0
14/06/07	1.0	6.8	13.8	-22.4	2.4	27.6	39.8	69.1	94.0	0.0	0.1	2.1	4.0	3.1	18.0	94.9	6981.4	7060.0	7114.5	-7.3	138.2	550.0
15/06/07	5.1	7.9	11.0	-14.0	3.6	28.1	66.8	78.5	93.3	0.8	0.1	1.9	4.4	4.4	22.1	101.1	6997.6	7048.7	7079.6	-7.1	74.1	563.0
16/06/07	4.5	8.2	11.6	-0.6	-0.9	13.3	72.1	87.9	84.6	0.2	0.2	2.1	4.7	6.5	16.4	92.4	7003.6	7037.9	7076.4	-7.0	50.0	538.8
17/06/07	8.2	11.6	14.4	-10.5	-1.4	3.5	73.8	83.2	83.2	0.0	0.4	3.0	6.3	5.0	13.1	42.3	6983.0	7012.9	7030.9	-6.9	44.5	288.5
18/06/07	6.5	11.1	15.1	-15.3	0.0	25.1	72.8	86.3	85.9	12.0	0.3	1.9	4.0	3.0	19.3	80.3	6969.0	7017.4	7053.8	-6.9	66.1	377.5
19/06/07	4.4	8.3	10.5	-9.0	-2.1	1.4	60.2	83.0	95.5	11.0	0.3	3.4	5.8	5.4	15.7	52.1	7007.9	7038.7	7071.3	-7.0	49.3	414.5
20/06/07	3.0	5.4	7.7	-0.8	-2.5	3.0	60.0	89.0	95.3	1.4	2.0	3.2	6.0	9.3	18.4	25.9	7035.4	7066.0	7085.1	-7.1	39.7	352.5
21/06/07	3.8	6.8	10.3	-12.1	-2.0	3.9	53.3	77.5	90.9	0.2	0.5	3.0	5.4	7.8	18.0	72.0	7001.8	7051.4	7090.8	-7.1	96.2	507.4
22/06/07	0.0	6.5	12.8	-21.8	1.8	25.6	50.8	78.9	97.7	0.0	0.1	1.1	2.8	6.0	25.0	79.5	6979.8	7055.0	7113.1	-7.3	133.1	543.3
23/06/07	3.2	8.9	16.5	-23.7	0.8	19.0	24.4	67.3	80.3	0.0	0.1	1.1	2.9	2.9	29.9	91.7	6943.1	7036.9	7101.8	-7.0	139.7	611.0
24/06/07	2.4	9.3	16.8	-18.2	2.7	21.8	50.4	76.4	98.1	0.0	0.1	1.7	4.3	3.9	20.7	95.5	6946.8	7034.2	7099.6	-7.0	132.7	534.5
25/06/07	5.7	10.3	15.9	-11.9	1.8	23.8	60.5	85.7	95.8	4.2	0.1	1.2	2.4	3.5	21.9	83.3	6958.3	7023.2	7072.0	-6.8	81.0	388.8
26/06/07	6.1	10.5	11.7	-4.3	-1.3	4.1	60.5	88.6	95.8	12.8	1.2	3.3	6.0	9.8	10.9	38.0	7053.5	7017.8	7089.8	-6.8	29.3	212.0
27/06/07	5.4	7.1	9.8	-5.1	-1.3	6.6	59.3	75.8	89.1	1.2	2.7	4.8	7.4	7.3	14.2	23.4	7027.3	7046.8	7088.8	-6.8	45.1	280.4
28/06/07	4.7	7.1	9.8	-8.8	-2.5	-0.7	71.3	87.0	94.9	6.2	2.2	3.8	5.7	9.8	18.2	23.1	7017.4	7053.9	7078.5	-6.8	38.7	316.0
29/06/07	6.9	8.0	12.0	-0.8	-2.2	1.3	60.2	81.1	93.7	0.0	1.7	4.1	6.4	9.4	16.5	35.4	6993.1	7046.2	7073.1	-6.5	52.1	484.0
30/06/07	6.5	8.3	13.3	-10.3	-1.9	4.1	52.4	77.8	91.4	0.0	1.4	3.6	6.4	9.5	16.4	28.4	6985.3	7044.4	7077.8	-6.5	74.5	695.1
Month	-0.3	8.1	18.8	-28.8	0.2	30.6	24.4	80.5	97.7	114.8	0.0	2.1	7.4	0.0	20.3	101.1	6907.6	7033.7	7128.3	-7.3	85.7	758.5

NOISE MONITORING

DATE	TIME	RECEPTOR																				
		R2	R3	R4	R5	R6	R7	R8	R10	WCC	WCC											
		Zeolite	Cintra	Old Colliery	Mountain View	Hillview	Railway View	Hazelidene	Escott													
12-Apr-07	3:20PM	47	45	39	NOT MEASURABLE	44	33	38	INAUDIBLE	51	41	46	39	41	INAUDIBLE	34	JUST AUDIBLE					
12-Apr-07	7:10PM	31	30	24	INAUDIBLE	44	39	29	INAUDIBLE	50	32	49	36	35	INAUDIBLE	32	25					
12-Apr-07	10:10PM	26	JUST AUDIBLE	29	JUST AUDIBLE	39	36	27	INAUDIBLE	33	30	31	30	27	27	25	JUST AUDIBLE					
30-May-07	3:10PM	33	MEASURA	34	NOT MEASURABLE	39	30	37	32	36	34	46	45	37	30	30	JUST AUDIBLE					
30-May-07	7:15PM	29	29	28	28	46	37	35	33	31	28	38	37	31	29	28	28					
30-May-07	10:10PM	37	37	36	36	41	37	35	35	37	37	47	47	32	31	33	33					
27-Jun-07 afternoon conditions were wet and windy with wind speeds measured gusting to over 8m/s and averaged greater than 6m/s																						
27-Jun-07	7:00pm	55	INAUDIBLE	62	<35	58	<35	61	approx 40	52	INAUDIBLE											
27-Jun-07	10:10PM			50	<35	55	<35	55	APPROX 38	51	INAUDIBLE											
27-Jun-07 winds abated slightly during evening and night surveys but still regularly gusted over 5m/s. No valid measurements of 15 minutes duration were possible at any location throughout evening and night time surveys.																						

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE mm/s	PEAK OVER PRESSURE dBL	TIME
WC112	2/4/07	Glenara	0.65	99.0	1322
WC112	2/4/07	Old Colliery	0.08	112.5	1322
WC112	2/4/07	Railway View	0.92	110.2	1322
WC112	2/4/07	Windsor	D.N.T		1322
WC113	3/4/07	Glenara	D.N.T		1310
WC113	3/4/07	Old Colliery	D.N.T		1310
WC113	3/4/07	Railway View	0.6	113.5	1310
WC113	3/4/07	Windsor	D.N.T		1310
WC114	4/4/07	Glenara	D.N.T		1604
WC114	4/4/07	Old Colliery	0.88	105.3	1604
WC114	4/4/07	Railway View	1.64	110.5	1604
WC114	4/4/07	Windsor	D.N.T		1604
WC115	5/4/07	Glenara	D.N.T		1332
WC115	5/4/07	Old Colliery	1.23	103.2	1332
WC115	5/4/07	Railway View	1.07	109.2	1332
WC115	5/4/07	Windsor	D.N.T		1332
WC116	11/4/07	Glenara	D.N.T		1629
WC116	11/4/07	Old Colliery	D.N.T		1629
WC116	11/4/07	Railway View	0.13	111.6	1629
WC116	11/4/07	Windsor	D.N.T		1629
WC117	13/4/07	Glenara	D.N.T		1411
WC117	13/4/07	Old Colliery	1.2	97.9	1411
WC117	13/4/07	Railway View	1.71	105.3	1411
WC117	13/4/07	Windsor	D.N.T		1411
WC118	17/4/07	Glenara	D.N.T		1317
WC118	17/4/07	Old Colliery	1.13	97.9	1317
WC118	17/4/07	Railway View	1.49	112.3	1317
WC118	17/4/07	Windsor	D.N.T		1317
WC119	19/4/07	Glenara	D.N.T		1334
WC119	19/4/07	Old Colliery	0.98	97.9	1334
WC119	19/4/07	Railway View	1.64	110.2	1334
WC119	19/4/07	Windsor	D.N.T		1334
ORICA 1	20/4/07	Glenara	D.N.T		1517
ORICA 1	20/4/07	Old Colliery	1.12	102.7	1517
ORICA 1	20/4/07	Railway View	1.07	109.5	1517
WC120	23/4/07	Glenara	D.N.T		1603
WC120	23/4/07	Old Colliery	0.88	97.9	1603
WC120	23/4/07	Railway View	0.8	104.2	1603
WC120	23/4/07	Windsor	D.N.T		1603
WC121	24/4/07	Railway View	0.94	107.3	1501
WC121	24/4/07	Old Colliery	0.8	97.9	1501
WC121	24/4/07	Windsor	D.N.T		1501
WC121	24/4/07	Glenara	D.N.T		1501
WC122	30/4/07	Railway View	1.09	113.6	1629
WC122	30/4/07	Old Colliery	1.18	97.9	1629
WC122	30/4/07	Windsor	D.N.T		1629
WC122	30/4/07	Glenara	D.N.T		1629
WC123	1/5/07	Railway View	D.N.T		1645
WC123	1/5/07	Old Colliery	D.N.T		1645
WC123	1/5/07	Windsor	D.N.T		1645
WC123	1/5/07	Glenara	D.N.T		1645
WC124	2/5/07	Railway View	1.54	114.8	1655
WC124	2/5/07	Old Colliery	1.33	97.9	1655
WC124	2/5/07	Windsor	0.37	103.2	1655
WC124	2/5/07	Glenara	D.N.T		1655

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE mm/s	PEAK OVER PRESSURE dBL	TIME
WC125	3/5/07	Railway View	1.42	109.7	1314
WC125	3/5/07	Old Colliery	1.05	97.9	1314
WC125	3/5/07	Windsor	0.37	96.8	1314
WC125	3/5/07	Glenara	D.N.T		1314
WC126	4/5/07	Railway View	0.55	113.7	1314
WC126	4/5/07	Old Colliery	D.N.T		1314
WC126	4/5/07	Windsor	D.N.T		1314
WC126	4/5/07	Glenara	D.N.T		1314
WC127	8/5/07	Railway View	1.09	106.4	1313
WC127	8/5/07	Old Colliery	0.63	97.9	1313
WC127	8/5/07	Windsor	0.4	98.1	1313
WC127	8/5/07	Glenara	D.N.T		1313
WC128	9/5/07	Railway View	3.61	114.7	1625
WC128	9/5/07	Old Colliery	1.88	97.9	1625
WC128	9/5/07	Windsor	0.88	111.3	1625
WC128	9/5/07	Glenara	D.N.T	0.0	1625
WC129	10/5/07	Railway View	0.92	109.4	1533
WC129	10/5/07	Old Colliery	0.48	97.9	1533
WC129	10/5/07	Windsor	D.N.T		1533
WC129	10/5/07	Glenara	D.N.T		1533
WC130	11/5/07	Railway View	1.37	108.9	1641
WC130	11/5/07	Old Colliery	D.N.T		1641
WC130	11/5/07	Windsor	D.N.T		1641
WC130	11/5/07	Glenara	D.N.T		1641
WC131	15/5/07	Railway View	3.83	121.4	1312
WC131	15/5/07	Old Colliery	1.93	108.9	1312
WC131	15/5/07	Windsor	0.57	110.1	1312
WC131	15/5/07	Glenara	D.N.T		1312
WC132	21/05/2007	Railway View	1.04	101.7	1311
WC132	21/05/2007	Old Colliery	0.68	97.9	1311
WC132	21/05/2007	Windsor	D.N.T		1311
WC132	21/05/2007	Glenara	D.N.T		1311
ORICA2	29/05/2007	Glenala	D.N.T		1015
ORICA2	29/05/2007	Railway View	1.49	108.3	1015
ORICA2	29/05/2007	Old Colliery	1.49	104.5	1015
ORICA3	14/06/2007	Glenala	0.07	107.5	1318
ORICA3	14/06/2007	Railway View	1.59	114.4	1318
ORICA3	14/06/2007	Old Colliery	1.64	115.0	1318
ORICA4	15/06/2007	Glenala	D.N.T		1516
ORICA4	15/06/2007	Railway View	1.39	114.8	1516
ORICA4	15/06/2007	Old Colliery	1.5	110.0	1516
ORICA5	21/06/2007	Glenala	D.N.T		1404
ORICA5	21/06/2007	Railway View	1.58	114.4	1404
ORICA5	21/06/2007	Old Colliery	2.27	93.3	1404
ORICA6	26/06/2007	Glenala	0.1	113.9	1316
ORICA6	26/06/2007	Railway View	1.23	110.3	1316
ORICA6	26/06/2007	Old Colliery	1.3	101.2	1316

Interim Results
April 07 - June 07

WATER MONITORING RESULTS

WERRIS CREEK COAL PTY LTD

Sample Num	Sample Location	Sample Date	Chloride mg/L	Chromium hexavalent mg/L	Chromium mg/L	Copper - filterable mg/L	Depth to Ground metres	Depth to Standpipe - metres	Electrical Conductivity uS/cm - field	Lead - filterable mg/L	Magnesium - total mg/L	Manganese - filterable mg/L	Mercury mg/L
26514.01	MW1 - Hillview	4-Apr-07	78	<0.005	<0.001	0.0098	52.4	52.7	730	0.00029	60	0.006	<0.0001
26514.02	MW2 - Railway View	4-Apr-07	67	<0.005	<0.001	0.0012	27.91	28.02	1020	0.00041	55	<0.001	<0.0001
26514.03	MW3 - Eurunderree	4-Apr-07	535	<0.005	0.001	0.0023	16.32	16.71	2480	0.00005	106	0.037	<0.0001
26514.04	MW4 - Piezo 1	4-Apr-07											
26514.05	MW4B	4-Apr-07	46	<0.005	0.25	0.002	9.63	10.27	1040	0.0024	28	2.4	0.0005
26514.06	MW5	4-Apr-07	588	<0.005	0.001	<0.0005	9.74	9.87	2630	<0.00005	113	0.014	<0.0001
26514.07	MW6	4-Apr-07	230	<0.005	0.001	<0.0005	10.93	11.97	1970	<0.00005	86	0.001	<0.0001
26514.08	MW7 - Rosehill	4-Apr-07	71	<0.005	<0.001	0.0006	4.6	4.99	550	<0.00005	19	0.001	<0.0001
26514.09	MW8 - Roseneath	4-Apr-07	280	<0.005	<0.001	0.0038	18.71	18.92	1700	0.00039	77	0.002	<0.0001
26514.1	MW9 - Rail Siding	4-Apr-07	60	<0.005	0.001	0.0012	14.67	15.74	1120	<0.00005	53	0.004	0.0001
26514.11	MW10 - Turnbulls	4-Apr-07	337	<0.005	<0.001	0.0012	18.2	18.4	1920	<0.00005	105	0.001	<0.0001
26514.12	MW11 - Turnbull's Gap Bore	4-Apr-07	174	<0.005	<0.001	0.0023	No acc	No access	1380	0.00037	61	0.001	<0.0001
26514.13	MW12 - Hazeldene	4-Apr-07	92	<0.005	<0.001	0.0019	8.7	8.98	930	0.00011	36	<0.001	<0.0001
26514.14	MW13 - Parkhill	4-Apr-07	135	<0.005	<0.001	0.0014	5.74	6.18	860	0.00005	32	0.001	<0.0001
26514.15	MW14	4-Apr-07	39	<0.005	0.001	<0.0005	16.41	17.44	1080	<0.00005	57	0.041	<0.0001
26516.01	MV1	4-Apr-07							1220				
26516.02	SD7	4-Apr-07							400				

WATER MONITORING RESULTS

Interim Results
April 07 - June 07

Nickel - filterable mg/L	Nitrates mg/L	NO SAMPLE: (w)	Oil & Grease mg/L	pH - field	Phosphorus - reactive mg/L	Potassium - filterable mg/L	Potassium - total mg/L	Sodium - total mg/L	Sulfates mg/L	Time: (w)	Total Nitrogen mg/L	Total Petroleum Hydrocarbons mg/L	Total Phosphorus mg/L	Total Suspended Solids @105C mg/L	Zinc - filterable mg/L
0.004	6.6			6.9	0.03	0.71		61	<2	1450	7	<2	0.09		0.07
0.002	6.8			7	0.05	0.29		56	4	1505	7.4	<2	0.11		0.006
0.006	4.1			7	0.07	4.4		141	37	930	4.4	<2	0.1		0.018
		Borehole blocked								1615					
0.009	3.4			7.2	0.04	4.1		139	<2	1550	34	<2	0.08		0.009
0.006	2			6.9	<0.01	0.84		160	56	1005	2.2	<2	0.13		<0.005
0.003	4.1			6.9	0.06	0.42		243	35	1520	4.3	<2	0.14		<0.005
0.001	1.4			6.7	0.06	0.58		45	20	1100	1.6	<2	0.12		0.005
0.016	6.2			7.1	0.01	1.2		96	54	1155	7.1	<2	0.04		0.011
0.003	12			6.9	<0.01	0.7		77	16	1250	12	<2	0.04		<0.005
0.004	23			7.6	<0.01	0.4		112	46	1435	24	<2	0.06		0.006
0.002	14			7.4	0.02	0.28		132	25	1420	15	<2	0.13		0.005
0.003	2.4			7.1	0.04	0.51		62	61	1210	2.5	<2	0.16		0.008
0.002	2.4			6.6	0.06	0.96		51	37	1130	2.6	<2	0.11		0.006
0.003	19			7	<0.01	1.3		67	12	1335	21	<2	0.07		<0.005
	6.1			7.5	<0.01					800	6.3		0.03	22	
	1.4			8.5	0.11					850	2		0.48	11	

DEPOSITED DUST

Date		Site																				
In	Out	WC-1 ("Escott")			WC-2 ("Cintra")			WC-3 ("The Colliery")			WC-4 ("Hillview")			WC-5 ("Railway View")			WC-6 (Southern Boundary)			WC-7		
		Insoluble Matter g/m ² /month	Ash g/m ² /month	Ash Content %	Insoluble Matter g/m ² /month	Ash g/m ² /month	Ash Content %	Insoluble Matter g/m ² /month	Ash g/m ² /month	Ash Content %	Insoluble Matter g/m ² /month	Ash g/m ² /month	Ash Content %	Insoluble Matter g/m ² /month	Ash g/m ² /month	Ash Content %	Insoluble Matter g/m ² /month	Ash g/m ² /month	Ash Content %	Insoluble Matter g/m ² /month	Ash g/m ² /month	Ash Content %
10/04/07	3/05/07	0.7	0.5	71	1.4	0.9	64	1.9	1.0	53	1.0	0.6	60	1.0	0.5	50	6.3	4.1	65	0.9	1	67
3/05/07	5/06/07	0.2	0.2	100	0.3	0.2	67	1.8	0.4	22	0.3	0.2	67	0.4	0.3	75	4.3	2.7	63	0.6	0.3	50
5/06/07	4/07/07	0.4	0.2	50	0	0.2	50	0.6	0.2	33	0.4	0.2	50	0.3	0.2	67	5.1	3.8	75	1	1	83

Werris Creek Coal Mine Community Consultative Committee

Sixth Meeting of the Committee

Tony Caine Room, Quirindi RSL Club

10.00am 13th December 2007

MINUTES

- 1. Record of Attendance** Ron Short (Chairman); Tony Ryan (Community Representative); Chris Holley (Community Representative); Noel Taylor (Community Representative 67 462276); Jill Coleman (Community Representative 67 687352); Lindsay Bridge (Community Representative 67 462210); Casper Dieben (General Manager WCC); Chris Burgess (Area Manager Whitehaven Group); Lee McDonagh & Gordon Atkinson (WCC).

Apologies Des George, (Manager Mining Engineering/MME); Bob Stewart, (Director Environmental & Community Services, LPSC)

2. Minutes of Previous Meeting

Chairman Ron Short chaired the meeting and welcomed all in attendance in particular the new members of the CCC.

Minutes of the previous meeting 28th August 2007 were accepted, Moved Tony Ryan, Seconded Gordon Atkinson.

3. Matters Arising

- 3.1 The three new members of the CCC were welcomed.
- 3.2 Tony Ryan received his copy of AEMR.
- 3.3 Ron Short suggested that the new members review WCC AEMR's to get a feel for the scope of the WCC development and management obligations of the DA Consent and all the obligations that WCC are committed to.
- 3.4 Each person present at the meeting gave a brief introduction.

4. Welcome to new members

- 4.1 Ron Short welcomed new members again and explained that WCC had a fairly smooth history of environmental issues to date. The response he felt from WCC was good considering the obligations that WCC had to contend with. Ron Short asked the committee to be open and frank with WCC forum and to represent the communities interests.
- 4.2 Ron Short suggested that at each meeting a dot point of matters which each member would like to discuss should be presented prior to or early in the meeting. These points can then be discussed in General Business. Dot points for this meeting:
 - Tony Ryan – Company Structure
 - Noel Taylor – Concern re water discharge event – where the water came from.
 - Lindsay Bridge – Groundwater effects.

5. New Guidelines for Establishing and Operating CCC's for Mining Projects –June 2007

Ron Short advised members to read CCC guidelines and for WCC to distribute guidelines to any members who did not receive them.

Note: Item to be included for next meetings Agenda – CCC Guideline's.

6. Werris Creek Coal Pty Ltd (WCC) – Management and Operations update

Following Whitehaven Coal Limited's complete acquisition of Werris Creek Coal Pty Ltd, Casper Dieben explained the changes in senior management. Keith Ross is Managing Director and Rob Stewart has recently been appointed as the new CEO. Casper Dieben and Chris Burgess report to Rob Stewart.

The management structure on site at WCC is currently undergoing review.

Tony Ryan expressed concerns about a clear line to a person at the mine to deal with or who is WCC's company representative – a qualified person who can deal with any problems. Until formalised Gordon Atkinson will be the short term contact person at the mine.

Tony Ryan expressed that he needs a contact on operational matters. Ron Short identified that there has been a company shuffle going on and he enforced the point that the person needs to be an operational person on site at all times.

Casper Dieben identified Les Latcham, Marshalls Mining and Earthmoving (MME)'s Project Manager as the operations contact and Peter Easey to be the WCC operations contact. Casper Dieben expressed the need for Tony Ryan to contact Les Latcham. WCC will organize an updated list of contacts for MME and WCC to be distributed to CCC members as soon as possible.

Chris Burgess explained that WCC do not operate as mining contractors but that it is in fact MME that do therefore the importance is in being able to contact MME. WCC handle coal processing and dispatch. WCC have to make sure that contractors comply with consent conditions.

Noel Taylor queried noise problems and Chris Burgess explained WCC's procedures for compliance.

Casper Dieben stated that WCC have requested MME to engage a consultant to do a noise validation study. Once problems are identified consultants will be further engaged to conduct specific investigations and monitoring.

Casper Dieben explained that as General Manager he is ultimately responsible and he hopes to be able to deal with all issues as they arise.

Noel Taylor stated that he has seen a truck traveling on the road not covered with tarps. Casper Dieben indicated that investigations are currently underway to have all trucks fitted with electronic covers and that mechanical inspections on trucks are also being conducted.

Note: Item to be included for next meetings Agenda – WCC to provide an Update on Company Information.

Discussion around WCC's quarterly newsletter. It was agreed that the newsletter was a valuable tool and to continue with quarterly monitoring.

7. Update on monitoring results to September 2007

Monitoring results for July, August and September 2007 tabled. Ron Short accepted the tabling of results and reiterated the need to get monitoring results out to CCC members 2 weeks prior to next CCC meeting.

8. General Business

Noel Taylor questioned what happens in the event of a flood.

Chris Burgess highlighted the major issues of water, blast, noise and suggested that WCC could invite specialist consultants to attend CCC meetings to provide specific information on the particular issue.

Tony Ryan raised the point to other CCC members to be aware that the life of Mine could possibly be extended for a longer term and that members need to be aware of aesthetics of the country side for such a long period.

Ron Short asked with the extension of mine, when/what will happen. Chris Burgess explained that WCC is currently developing a revised Mine Plan and that further drilling will take place. Once Mine Plan is developed WCC will engage environmental consultants to prepare the appropriate EIS/DA which will then need to be lodged with Government Departments to gain approval. This would no doubt require public display of the assessment process and would require some time to complete.

Meeting Closed 11.38am.

Following the meeting a site visit to the WCC mine was conducted by MME's Des George.

6. Next Meeting

Next meeting to be planned for February 2008 with a date to be specified. The option of having a site meeting in association with any one of the environmental consultants while on site was considered very appropriate. WCC to let Ron Short know in advance when such an opportunity with consultants arose in order that he could organize the committee to attend the site.

Copy to:

on Short	Chairman
Tony Ryan	Local Community Representative
Chris Holley	Local Community Representative
Jill Coleman	Local Community Representative
Noel Taylor	Local Community Representative
Lindsay Bridge	Local Community Representative

Colin Phillips	DoP
Monique Meyer	DPI
Bob Stewart	LPSC

Des George	MME
Les Latcham	MME

Casper Dieben	WCC
Gordon Atkinson	WCC
Chris Burgess	Whitehaven Coal



WERRIS CREEK COAL PTY LTD

ENVIRONMENTAL MONITORING

2nd QUARTERLY REPORT

July, August, September 2007

This report covering the period 1st July 2007 to 30th September 2007 is the second quarterly Environmental Monitoring Report for the 2007/8 Annual Environmental Management Report (AEMR) reporting period (1 April 2007 to 31 March 2008).

The report includes environmental monitoring results for the on-site Weather Station, Air Quality, Noise (operational and blasting), Surface and Ground Water together with complaints received and general detail covering site environmental matters.

Note: Monitoring results with any non compliance of monitoring criteria are highlighted in **yellow**.

22 November 2007

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Appendix 3	Blast Monitoring Results
Appendix 4	Ground Water Monitoring Results
Appendix 5	Surface Water Monitoring Results

1.0 WEATHER STATION

WEATHER

Weather data was available for 18% of July due to a fault with the weather station.
Weather data was available for 84% of August due to a fault with the weather station which has been rectified. Weather data was available for 100% of September.

2.0 AIR QUALITY

2.1 HVAS (PM10) Monitoring

High Volume Air Sample (HVAS) monitoring for particulate matter less than 10 micron in size (PM10) is conducted at four sites as shown on the attached plan, **Figure 2** and labeled as listed below.

- WCHV1 – “Old Colliery” or Marquettes
- WCHV2 – Pattersons
- WCHV3 – “Railway View” or Ryans
- WCHV4 – “Eurunderee”

In addition a fifth site WCHV5 at “Railway View” continues to sample total suspended particulate (TSP) matter to monitor the PM10/TSP relationship on a voluntary basis to assist with government departmental air quality data collection and correlation.

Sample data is scheduled for 24 hours every 6 days in accordance with DECC – EPA protocols and results are reported as micro grams per cubic metre of air sampled or ug/m³.

2.1.1 Monitoring Data Results

Data recovery from each site during the period was 100%.

Werris Creek HVAS results

Date	WCHV-1 Marquett (PM10)	WCHV-2 Patterson (PM10)	WCHV-3 Ryan 6	WCHV-4 Eurunderee (PM10)	WCHV-5 Ryan TSP	24hr criteria PM10	annual criteria PM10	TSP	PM10/TSP Ratio	PM10/TSP Ratio moving ave
4/07/2007	13	8	5	6	12	50	30	90	42%	44%
10/07/2007	15	12	10	11	15	50	30	90	67%	44%
16/07/2007	14	8	7	7	18	50	30	90	39%	42%
22/07/2007	6	9	0	4	9	50	30	90	0%	43%
28/07/2007	11	8	5	7	12	50	30	90	42%	46%
3/08/2007	17	5	7	7	18	50	30	90	39%	47%
9/08/2007	8	7	5	6	13	50	30	90	38%	48%
15/08/2007	37	14	11	18	24	50	30	90	46%	49%
21/08/2007	4	0	5	9	14	50	30	90	36%	49%
27/08/2007	12	9	8	7	20	50	30	90	40%	52%
2/09/2007	10	18	10	8	18	50	30	90	56%	54%
8/09/2007	11	8	6	47	9	50	30	90	67%	54%
14/09/2007	29	21	23	27	57	50	30	90	40%	49%
20/09/2007	23	22	28	30	65	50	30	90	43%	54%
26/09/2007	31	25	29	42	45	50	30	90	64%	64%

2.1.2 Discussion - Compliance / Non Compliance

All individual PM10 24 hour average results, at all sites, were equal to or below the short term 24 hour impact criteria of 50ug/m³.

All PM10 sites are below the long term impact and land acquisition annual impact criteria of 30ug/m³.

The TSP site is below the long term impact and land acquisition annual impact criteria of 90ug/m³.

2.2 DEPOSITED DUST

Limits were removed from Environment Protection Licence 12290 pertaining to mean annual dust deposition in January 2007, however, in accordance with Schedule 3, of DA-172-7-2004 routine air quality monitoring for Werris Creek Coal continues to be undertaken for deposited dust.

2.2.1 Monitoring Data Results

See Appendix 1.

2.3 AIR QUALITY COMPLAINTS

No Complaints Received – Refer Table 1.

3.0 NOISE

Noise Monitoring is conducted by Spectrum Acoustics at the following locations:

R2: Zeolite, R3: Cinta, R4: Old Colliery, R5: Mountain View, R6: Hillview (mine owned residence) R7: Railway View, R8: Hazeldene, and R10: Escott. Three sets of measurements are made over the “circuit”, one during the day time period, (before 6pm), one during the evening period (from 6pm – 10pm) and one at night (after 10pm).

3.1 OPERATIONAL NOISE

3.1.1 Monitoring Data Results

See Appendix 2.

3.1.2 Discussion - Compliance / Non Compliance

11th July 2007 noise monitoring results indicated exceedances at most noise monitoring locations, however it is believed that a temperature inversion and high relative humidity contributed to these results.

30th August 2007 noise monitoring results showed exceedances of operational noise criterion of 35dB(A) at Railway View and at Cintra during the day survey only.

18th September 2007 noise monitoring results showed exceedances at Cintra during day and evening time surveys and at Zeolite, Hillview and Railway View during the evening

3.1.3 Action Taken

The monitoring results for this quarter show a reduction in the number of noise non – compliances to previous months however the ongoing issue of non-compliance with noise limits continues to be discussed with DECC and landowners in an attempt to be resolved as soon as possible.

3.2 NOISE COMPLAINTS

2 Complaints were received regarding Noise. Refer Table 1.

4.0 BLAST

During this reporting period a total of 26 blasts numbered ORICA 7 to ORICA 33 were fired.

4.1 BLAST MONITORING

4.1.1 Monitoring Data Results

See Appendix 3.

4.1.2 Discussion - Compliance / Non Compliance

On the 3rd July 2007, the maximum allowable airblast overpressure criterion of 120dB(L) was exceeded at “Railway View” when a reading of 121.9dB(L) was recorded.

4.1.3 Action Taken

Verbal notification was sent to the EPA with a report from Marshalls Mining and Earthmoving sent at a later date. Following detailed investigations by EPA an infringement notice was issued to Werris Creek Coal Pty Ltd.

4.2 BLAST COMPLAINTS

One Complaint was received regarding Blast on 3rd July 2007. Refer Table 1.

5.0 WATER

Groundwater monitoring was postponed on the 3rd July due to unsafe access conditions following wet weather.

Sampling was undertaken on the 16th July for groundwater monitoring and also for all surface water storage dams 1 –12, and MV1.

Additional testing of water was required 16th July due to Pit Dam Overflow event.

Additional testing was also required due to a Wet weather Discharge event on 20th and 21st August 2007.

4.1 GROUND WATER

4.1.1 Monitoring Data Results

See Appendix 4.

4.1.2 Discussion - Compliance / Non Compliance

Groundwater monitoring results indicate compliance with limits.

4.2 SURFACE WATER

4.2.1 Monitoring Data Results

See Appendix 5.

4.2.2 Discussion - Compliance / Non Compliance

WET WEATHER DISCHARGE

Notification of a wet weather sediment dam discharge was verbally given to Department of Environment and Climate Change (DECC) following water discharges occurring following rainfall over a 5 day period from the 16th to 20th August 2007 where 89mm of rain was recorded at the WCC weather station.

The site water management system was inspected on Monday 20th August and Tuesday 21st August with samples taken at EPA monitoring points where discharges were observed. Samples were sent to Tamworth Environmental Laboratory for analysis of pH, Conductivity and Suspended Solids, Total Phosphorus, Reactive Phosphorus, Total Nitrogen, Nitrate and Oil and Grease.

4.2.3 Action Taken

Following the August wet weather discharge event and the July mine water discharge event (refer to Section 4.3) the Site Water Management Plan under went review. Department of Lands – Soil Services Armidale were engaged to review the existing SWMP and report accordingly. DECC have been consulted and improvements are currently underway.

4.3 WATER COMPLAINTS

MINE WATER DISCHARGE EVENT

This event is currently still under investigation by DECC –EPA.

Details of this event area as follows:

Mine water was discharged from the Werris Creek Coal Mine (from Saturday 14th July 2007) following a breach of the mine dam. The released water traveled approximately 1 km southward along a grassed water way immediately east of the sealed mine access road, then under this road via culverts to sediment basin SB 3, then overflowed into sediment dam SD 7 (a wet weather licenced discharge point) prior to exiting the premises at a point directly south of SD7.

Water continued to flow (but at a reduced rate) from saturated areas below the mine dam via SB3 and SD7 while these structures were full or over flowing. This was evident when water samples were taken during the afternoons of Monday 16th July and again on Tuesday 17th July when the flow was reduced to a trickle.

Due to the saturated ground conditions it was considered that any attempt to immediately stop the water discharge from the premises would result in increased sediment loading.

Quality of Mine Water Discharge

The mine water discharged was a combination of ground water and surface runoff collected within the mine void and pumped to the mine water or mine process water dewatering dam. The quality of this water has generally been considered suitable for stock drinking purposes as supported by historic water quality monitoring data.

Following the discharge event water sampling was undertaken to verify the stock drinking quality of the discharged water and to check compliance with the EP licence concentration limits.

Samples taken on the 16th and 17th July 2007 were immediately sent to Tamworth Environmental Laboratory for immediate analysis of pH, Conductivity and Suspended Solids. Additional samples taken on the 17th July 2007 were forwarded to Ecowise Environmental in Mudgee for complete analysis.

Laboratory results were then forwarded to an independent testing laboratory (East West EnviroAg) for comment. The East West EnviroAg report is attached and considered that the water sampled was suitable for stock, irrigation and general agricultural use and that the likelihood of contamination building up in the soil where water had discharged is very low.

6.0 COMPLAINTS SUMMARY

Table 1

DATE	NO	COMPLAINT	FOLLOW UP ACTION
03/07/2007	19	House Shook from blast	WCC and MME personnel visited complainant and viewed blast results for that day. Offered to notify future blasts – not required Kelley Covey engaged to complete house inspection and report. Report forwarded to complainant.
16/07/2007	20	Robert O'Hern from EPA passing on complaint received by DECC Water leaving WCC site	LPSC took samples, WCC took samples and pictures of overflow at discharge point. EPA inspected site. Water samples tested at Tamworth laboratory and Ecowise – Mudgee. Independent report on water quality received from East West Enviro Ag. DECC –EPA investigation continuing
17/07/2007	21	Noise	MME notified of complaint and request discussion with OCE. WCC followed with phone call to complainant
18/07/2007	22	Robert O'Hern from EPA passed on complaint - Concern re water quality from water discharged from site on 16/07/2007 onto neighbouring property	Peter Easey spoke to complainant, tour of mine site given to neighbours, Complainants happy and no further problems. Water analysis results forwarded to complainants.
24/07/2007	23	Noise (same complainant as 21)	Ongoing issue, contacted MME's Project manager and advised of another complaint.

7.0 GENERAL

Annual Environmental Monitoring Report site Inspection was held on 28th August 2007.

5th Community Consultative Committee meeting was held 28th August 2007.