



WERRIS CREEK COAL PTY LTD

ENVIRONMENTAL MONITORING

4th QUARTERLY REPORT

January, February, March 2008

This report covering the period 1st January 2008 to 31st March 2008 is the fourth 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.

15 January 2008

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Figure 2

1.0 WEATHER STATION

WEATHER

Weather data was available for 99 % of January. (Data loss due to Faulty windspeed sensor)

Weather data was available for 90 % of February. (Data loss due to Battery Failure)

Weather data was available for 82% of March. (Data loss due to modem cable failure over Easter period when no staff on site to check station functioning)

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

Werris Creek HVAS results

Date	WCHV-1 Marquett (PM10)	WCHV-2 Patterson (PM10)	WCHV-3 Ryan	WCHV-4 Eurunderee (PM10)	WCHV-5 Ryan TSP	Criteria			PM10/TSP Ratio	PM10/TSP Ratio moving ave
						24hr criteria PM10	annual criteria PM10	TSP		
6/01/2008	7	6	6	8	9	50	30	90	67%	30%
12/01/2008	12	14	20	23	41	50	30	90	49%	28%
18/01/2008	7	8	5	8	12	50	30	90	42%	26%
24/01/2008	17	4	0	13	10	50	30	90	0%	25%
30/01/2008	12	8	30	24	nd	50	30	90	0%	27%
5/02/2008	4	1	2	2	nd	50	30	90	0%	30%
11/02/2008	2	4	6	12	nd	50	30	90	0%	33%
17/02/2008	nd	nd	nd	nd	nd	50	30	90	0%	37%
23/02/2008	6	41	33	33	78	50	30	90	42%	42%
29/02/2008	nd	2	1	2	3	50	30	90	33%	42%
6/03/2008	27	11	25	36	31	50	30	90	81%	44%
12/03/2008	27	11	25	36	31	50	30	90	81%	35%
18/03/2008	13	7	8	32	18	50	30	90	44%	20%
24/03/2008	2	3	0	4	12	50	30	90	0%	7%
30/03/2008	nd	8	2	6	14	50	30	90	14%	14%

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.

January 2008 - all HVAS operated on all programmed run events apart from one run on 30th January 2008 at Ryan TSP site. The Ryan TSP HVAS developed a fault and had to be sent to Melbourne for service.

February 2008 – Filters not received for 17 February 2008 run event (staff oversight) and Marquette (Old Colliery) PM10 did not run on 29th February due to power failure caused by contractors disconnecting power to property.

March 2008 – All HVAS operated on all programmed run events with the exception of Marquette (Old Colliery) 30th March 2008 when power was again cut off to the property by contractors.

2.2 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.

2.2.1 Monitoring Data Results

See Appendix 1. Please note that December results are included as they were not received in time to publish in last quarterly report.

2.3 AIR QUALITY COMPLAINTS

No Complaints Received .

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).

The noise emission criterion for WCC is 35dB(A) at all times unless otherwise subject to a current, legally binding agreement between WCC and the occupant of the affected residential property. Hillview and Old Colliery (Marquett) are both mine owned residences and as such monitoring results above 35dB(A) are not recorded as non-compliances.

WCC environmental licence conditions indicate that compliance with noise emission criteria is not applicable under atmospheric conditions where wind speeds are higher than 3m/s and/or there is temperature inversion of greater than +3 degreesC/100m.

3.1 OPERATIONAL NOISE

3.1.1 Monitoring Data Results

8 th and 9 th of January 2008	Railway View	4:33 pm	2.1 m/s, 100°	WCC (37), Exceedance of 2 dB
25 th and 26 th of February 2008				No Exceedances
18 th and 19 th of March 2008	Railway View	4:15 pm	2.0 m/s, 150°	WCC (37), Exceedance of 2 dB

3.1.2 Discussion - Compliance / Non Compliance

Jan 2008 noise monitoring results indicated one exceedance at Railway View during day monitoring period.

February 2008 noise monitoring results showed no exceedances.

March 2008 noise monitoring results showed one exceedance at Railway View during day.

3.1.3 Action Taken

The ongoing issue of non-compliance with noise limits as raised by Department of Planning and DECC – EPA is currently subject to negotiations between WCC and affected landowners in an attempt to seek resolution as soon as possible.

3.2 NOISE COMPLAINTS

2 Complaints were received regarding Noise during the period.

4.0 BLAST

During this reporting period a total of 27 blasts numbered ORICA 59 to ORICA 86 were fired.

4.1 BLAST MONITORING

4.1.1 Monitoring Data Results

See Appendix 3.

4.1.2 Discussion - Compliance / Non Compliance

All blasts complied with blast criterion.

4.1.3 Action Taken

No Actions necessary.

4.2 BLAST COMPLAINTS

Nil Complaints were received regarding Blasting.

5.0 WATER

Groundwater monitoring was undertaken in January 2008.

Surface water monitoring was undertaken in January 2008 by Ecowise Environmental.

In addition wet weather discharge samples were taken on the 5th and 6th February 2008.

4.1 GROUND WATER

4.1.1 Monitoring Data Results

See Appendix Groundwater Monitoring Results.

4.1.2 Discussion - Compliance / Non Compliance

No recorded exceedances.

4.2 SURFACE WATER

4.2.1 Monitoring Data Results

See Appendix Surface water monitoring Results.

4.2.2 Discussion - Compliance / Non Compliance

One Surface wet weather discharge event occurred on 5th – 6th February 2008 . Samples were sent to Ecowise Laboratory for analysis.

Total Suspended Solids limits of 50mg/L were exceeded:

- 130mg/L (Werris Creek Up),
- 80mg/L (Werris Creek Down),
- 295mg/L (Quipolly Creek Up) and
- 145mg/L (Quipolly Creek Down)

PH limit of 8.5 exceeded at EPA monitoring point 10 with a result of 9.0.

6.0 COMPLAINTS SUMMARY

2 Complaints were received during this period.

Telephone Call to complaints line	Tony Ryan	No 24 19/03/2008	Lights and noise from mine, directing straight at "Railway View"	Rang Mr Ryan 20/03/2008 2.00pm, no answer – left message. Visited Mr Ryan at Home but he was not there. Rang a second time, no response. Spoke to Tony's brother, Peter (WCC employee)	Visited Tony at property and explained undertake action, also mentioned sound monitoring occurred on night in question and results will be obtained
Telephone Call to Complaints Line	Mr Davies Property directly behind "Railway View"	No 25 27/03/2008	Noise, Dozers working on the emplacement, Blasts at night.	Peter Easey rang Mr Davies to confirm details. Peter and Lynden visited Mr Davies at his property and spoke about issues raised. Also provided Mr Davies a copy of action plan outlining expected improvements to Noise Quality.	If second complaint is received then quarterly testing may have to be done at property to substantiate exceedance claims.

7.0 GENERAL

7th Community Consultative Committee meeting was held 21st February 2008.

The Department of Planning undertook an audit of the Werris Creek Coal Mine on 1st February 2008. The audit was undertaken specifically to evaluate compliance of the mine's operations against the Development Consent (DA-172-7-2004), as amended on the 6th March 2007. The audit was undertaken by the Department of Planning's, George Hawke and Rohan Tayler, accompanied by Lindsay Fulloon of DECC. Werris Creek Coal was represented by Gordon Atkinson (Manager Engineering and Environment) and Danny Young (Environmental Manager). The audit was undertaken via a review of documentation as well as site inspection.

On the 12 March 2008, Werris Creek Coal Pty Ltd received formal advice from the Department of Planning in relation to the outcomes from the audit inspection. The advice from the Department of Planning identified areas of non-compliance as well as opportunities for improvement. The Department of Planning also requested a response to the formal advice which was to include an action plan to address the inspection findings. The Department of Planning issued a Notice of Intention to Give an Order dated 12th March 2008 and a Notice to Furnish Information or Records (or both). WCC has responded to Department of Planning.

A copy of the findings of the 1st February 2008 inspection are attached.

NOISE MONITORING

DATE	TIME	RECEPTOR													
		R2 Zeolite	R3 Cintra	R4 Old Colliery	WCC	R5 Mountain View	WCC	R6 Hillview	WCC	R7 Railway View	WCC	R8 Hazeldeane	WCC	R10 Escott	WCC
8-Jan-08	13:00pm	35	43	44	39	35	wcc not audible	40	38	54	37	40	wcc not audible	37	wcc not audible
8-Jan-08	7:30pm	48	45	47	wcc Audible not measurable	40	wcc not audible	44	35	43	41	33	wcc not audible	44	wcc not audible
8-9/01/08	12:55am	35	42	45	38	35	wcc not audible	38	34	41	38	33	wcc not audible	41	wcc not audible
26/02/2008	7:19am	47	40	47	32	33	wcc not audible	40	32	35	33	36	wcc not audible	39	35
26/02/2008	7:38pm	41	42	45	31	48	wcc not audible	45	35	44	33	38	wcc not audible	48	34
26/02/2008	10:10pm	35	40	45	32	41	wcc not audible	54	38	43	41	36	wcc not audible	38	33
18/03/2008	3:02 PM	37	41	45	32	45	wcc not audible	42	37	38	37	41	wcc not audible	30	30
18/03/2008	7:53 PM	46	47	45	<30	42	wcc not audible	45	34	46	32	42	wcc Inaudible	43	30
18/03/2008	10:02 PM	35	51	45	28	37	28	36	27	44	39	39	34	40	29

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE mm/s	PEAK OVER PRESSURE dBL	TIME
ORICA 59	2/01/2008	Glenala	D.N.T		1310
ORICA 59	2/01/2008	Railway View	D.N.T		1310
ORICA 59	2/01/2008	Old Colliery	D.N.T		1310
ORICA 59	2/01/2008	Escott Road	D.N.T		1310
ORICA 60	4/01/2008	Glenala	D.N.T		1309
ORICA 60	4/01/2008	Railway View	0.78	108.1	1309
ORICA 60	4/01/2008	Old Colliery	1.08	98.9	1309
ORICA 60	4/01/2008	Escott Road	0.31	97.7	1309
ORICA 61	11/01/2007	Glenala	D.N.T		1315
ORICA 61	11/01/2007	Railway View	2.26	114.8	1315
ORICA 61	11/01/2007	Old Colliery	2.23	111.3	1315
ORICA 61	11/01/2007	Escott Road	D.N.T		1315
ORICA 63	11/01/2008	Glenala	D.N.T		1315
ORICA 63	11/01/2008	Railway View	2.26	114.8	1315
ORICA 63	11/01/2008	Old Colliery	2.23	111.3	1315
ORICA 63	11/01/2008	Escott Road	D.N.T		1315
ORICA 64	16/01/2008	Glenala	D.N.T		1326
ORICA 64	16/01/2008	Railway View	1.13	112.9	1326
ORICA 64	16/01/2008	Old Colliery	1.6	83.3	1326
ORICA 64	16/01/2008	Escott Road	D.N.T		1326
ORICA 65	18/01/2008	Glenala	D.N.T		1315
ORICA 65	18/01/2008	Railway View	1.53	110.9	1315
ORICA 65	18/01/2008	Old Colliery	2.4	109.3	1315
ORICA 65	18/01/2008	Escott Road	D.N.T		1315
ORICA 66	23/01/2008	Glenala	D.N.T		1303
ORICA 66	23/01/2008	Railway View	0.93	110	1303
ORICA 66	23/01/2008	Old Colliery	1.58	111.6	1303
ORICA 66	23/01/2008	Escott Road	D.N.T		1303
ORICA 67	24/01/2008	Glenala	D.N.T		1312
ORICA 67	24/01/2008	Railway View	2.14	107.7	1312
ORICA 67	24/01/2008	Old Colliery	1.4	110.3	1312
ORICA 67	24/01/2008	Escott Road	D.N.T		1312
ORICA 68	25/01/2008	Glenala	D.N.T		1308
ORICA 68	25/01/2008	Railway View	1.48	106.9	1308
ORICA 68	25/01/2008	Old Colliery	0.95	104.5	1308
ORICA 68	25/01/2008	Escott Road	D.N.T		1308
ORICA 69	30/01/2008	Glenala	D.N.T		1313
ORICA 69	30/01/2008	Railway View	1.74	108.7	1313
ORICA 69	30/01/2008	Old Colliery	1.43	83.3	1313
ORICA 69	30/01/2008	Escott Road	0.33	96.8	1313
ORICA 70	1/02/2008	Glenala	D.N.T		1320
ORICA 70	1/02/2008	Railway View	2.11	113.6	1320
ORICA 70	1/02/2008	Old Colliery	1.78	83.3	1320
ORICA 70	1/02/2008	Escott Road	0.51	102.8	1320

SHOT NO	DATE	MONITOR LOCATION	PEAK GROUND PRESSURE mm/s	PEAK OVER PRESSURE dBL	TIME
ORICA 82	14/03/2008	Glenala	D.N.T		1309
ORICA 82	14/03/2008	Railway View	1.28	110.8	1309
ORICA 82	14/03/2008	Old Colliery	1.83	83.3	1309
ORICA 82	14/03/2008	Escott Road	0.46	101.8	1309
ORICA 83	17/03/2008	Glenala	D.N.T		1316
ORICA 83	17/03/2008	Railway View	1.86	104	1316
ORICA 83	17/03/2008	Old Colliery	0.95	109.1	1316
ORICA 83	17/03/2008	Escott Road	0.31	105	1316
ORICA 84	18/03/2008	Glenala	D.N.T		1312
ORICA 84	18/03/2008	Railway View	0.35	103	1312
ORICA 84	18/03/2008	Old Colliery	0.28	83.3	1312
ORICA 84	18/03/2008	Escott Road	D.N.T		1312
ORICA 85	19/03/2008	Glenala	D.N.T		1312
ORICA 85	19/03/2008	Railway View	0.75	104.6	1312
ORICA 85	19/03/2008	Old Colliery	0.5	86.8	1312
ORICA 85	19/03/2008	Escott Road	D.N.T		1312
ORICA 86	27/03/2008	Glenala	D.N.T		1312
ORICA 86	27/03/2008	Railway View	3.09	108.3	1312
ORICA 86	27/03/2008	Old Colliery	1.85	104.5	1312
ORICA 86	27/03/2008	Escott Road	D.N.T		1312

Results
Jan 2008 - March 2008

Groundwater Monitoring Results

Werris Creek Coal Pty Ltd

Sample Num	Sample Location	Sample Date	Sampler	Alkalinity - Total as CaCO3 mg/L	Arsenic-filterable mg/L	Cadmium-filterable mg/L	Calcium-filterable mg/L	Chloride mg/L	Chromium-filterable mg/L	Chromium-hexavalent mg/L	Copper-filterable mg/L	Depth to Ground metres	Depth to Standpipe metres	Electrical Conductivity uS/cm	Electrical Conductivity uS/cm - field	Lead - filterable mg/L	Magnesium - total mg/L
29086.01	MW1 - Hillview	16-Jan-08	S Gordon EEL		<0.00							50.91	51.21				
29086.02	MW2 - Railway View	16-Jan-08	S Gordon EEL	440	1	<0.00005	108	71	<0.001	<0.005	0.0012	27.18	27.33	1020		0.00026	59
29086.03	MW3 - Eurunderee	14-Jan-08	S Gordon EEL	450	0.011	<0.00005	113	447	0.01	<0.005	0.0035	14.94	15.33	2220	2130	<0.00005	93
29086.04	MW4 - Piezo 1	16-Jan-08	S Gordon EEL														
29086.05	MW4B	16-Jan-08	S Gordon EEL									9.51	10.14				
29086.06	MW5	14-Jan-08	S Gordon EEL	405	0.001	0.00028	265	674	<0.001	<0.005	0.0016	8.41	9.56	2850	2740	0.00026	126
29086.07	MW6	16-Jan-08	S Gordon EEL	725	0.001	<0.00005	85	248	<0.001	<0.005	0.0008	11.51	12.1	1960		0.0015	86
29086.08	MW7 - Rosehill	14-Jan-08	S Gordon EEL	152	1	<0.00005	51	64	<0.001	<0.005	<0.0005	4.35	4.47	540	520	<0.00005	21
29086.09	MW8 - Roseneath	16-Jan-08	S Gordon EEL	360	0.001	<0.00005	126	184	<0.001	<0.005	0.0025	17.6	17.8	1320		0.00008	62
29086.1	MW9 - Rail Siding	14-Jan-08	S Gordon EEL	420	1	<0.00005	93	39	<0.001	<0.005	0.0005	12.88	13.87	960	940	0.0001	47
29086.11	MW10 - Turbulls	16-Jan-08	S Gordon EEL	355	0.001	<0.00005	118	358	<0.001	<0.005	0.0009	1876	1901	1950		<0.00005	117
29086.12	MW11 - Turbulla's Gap Bore	16-Jan-08	S Gordon EEL	420	0.001	<0.00005	94	160	<0.001	<0.005	0.0048			1350		0.00026	65
29086.13	MW12 - Hazeldene	16-Jan-08	S Gordon EEL	310	1	<0.00005	109	92	<0.001	<0.005	0.0074	7.78	8.29	950		0.00018	38
29086.14	MW13 - Parkhill	16-Jan-08	S Gordon EEL	176	1	<0.00005	67	120	<0.001	<0.005	0.0008	5.42	5.92	790		<0.00005	31
29086.15	MW14	14-Jan-08	S Gordon EEL	465	1	<0.00005	90	46	<0.001	<0.005	0.0006	15.69	16.73	1090	1080	0.00007	61

Manganese - filterable mg/L	Mercury mg/L	Nickel - filterable mg/L	Nitrates mg N/L	NO SAMPLE: (w)	pH	pH - field	Phosphorus - reactive 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	Zinc - filterable mg/L
0.001	<0.0001	0.003	7.6	No access	7.3		0.05	0.36	52	4	1045	7.4	<2	0.15	0.006
<0.001	<0.0001	0.007	0.28		7.3	7.4	0.39	18	119	18	1135	3.7	<2	0.5	0.082
				No sample							1455		<2		
				See comment							1000		<2		
0.016	<0.0001	0.008	2.2		7.0	7	0.01	1.4	153	66	1255	2.2	<2	0.05	0.01
0.002	<0.001	0.003	4.2		7.0		0.04	0.66	239	37	1227	4.1	<2	0.05	<0.005
0.003	<0.0001	0.001	1.4		7.0	6.8	0.06	0.79	39	27	1435	1.2	<2	0.52	0.019
0.001	<0.0001	0.007	4.6		7.0		0.01	1.4	76	24	1140	4.5	<2	1	0.007
<0.000															
1	<0.0001	0.003	6.4		7.1	7.1	<0.01	0.72	64	34	1707	6.2	<2	0.02	<0.005
0.001	<0.0001	0.004	24		7.3		<0.01	0.63	107	57	922	24	<2	0.01	0.005
0.001	<0.0001	0.003	13		7.6		0.03	0.47	121	31	900	13	<2	0.06	0.008
0.002	<0.0001	0.003	2.3		7.3		0.05	0.66	59	65	1210	2.2	<2	0.21	0.013
0.005	<0.0001	0.002	2.4		7.0		0.06	1.2	46	38	1105	2.3	<2	0.07	0.016
0.03	<0.0001	0.004	20		7.1	7.2	0.03	1.6	64	14	1555	20	<2	0.6	<0.005

Sample No	Sample Location	Sample Date	Sampler	Alkalinity- Total as CaCO ₃ mg CaCO ₃ /l	Electrical Conductivity µS/cm - field	Electrical Conductivity µS/cm - lab	Nitrate mg/l	Oil & Grease mg/l	pH - field	pH - lab	Phosphorus reactive mg/l	Time (w)	Total Nitrogen mg/l	Total Phosphorus mg/l	Total Suspended Solids >105C mg/l	Comments
29038.01	MV Dewatering Dam	14-Jan-08	S Gordon EEL		840	860	3	<2	8.2	8.1	<0.01	1105	3.2	0.13	2	
29084.01	MV1	14-Jan-08	S Gordon EEL		1090	1090	3.2	<2	7.1	7.6	<0.01	915	3.2	0.03	<2	
29084.02	SD1	14-Jan-08	S Gordon EEL			175	3.1	<2		7.4	0.05	1015	3.1	0.43	22	
29084.03	SD2	14-Jan-08	S Gordon EEL			260	1.1	<2		7.4	0.2	1025	1.1	0.29	10	
29084.04	SD3	14-Jan-08	S Gordon EEL			360	1.4	<2		8.3	0.21	1420	1.4	0.3	5	
29084.05	SD4	14-Jan-08	S Gordon EEL			270	1.1	<2		8.9	0.21	1435	1.1	0.39	15	
29084.06	SD5	14-Jan-08	S Gordon EEL		285	280	<0.01	<2	8.9	9	0.35	1025	1.8	0.42	11	
29084.07	SD6	14-Jan-08	S Gordon EEL		640	630	0.01	<2	9.5	9.5	0.15	1035	3	0.7	220	
29084.08	SD7	14-Jan-08	S Gordon EEL		440	430	0.02	<2	8.6	8.5	0.54	1050	0.66	0.7	21	
29084.09	SD8	14-Jan-08	S Gordon EEL									1440				
29084.1	SD9	14-Jan-08	S Gordon EEL				0.31	<2	7.8	7.4	0.17	1240	1.4	0.7	22	
29084.11	SD10	14-Jan-08	S Gordon EEL		175	170						845				
29084.12	SD11	14-Jan-08	S Gordon EEL		110	110	0.47	<2	7.5	7.3	0.95	1730	2.8	0.95	129	
29084.13	SD12	14-Jan-08	S Gordon EEL		110	110	0.26	<2	7.6	7.5	0.03	1740	1.4	0.49	328	
1	SB2 (EPA 10) was SD7	5-Feb-07	WCC staff			0.44	0.032	<5			<0.02		0.7	0.02	38	Wet Weather Discharge event 05/02/2008
2	EPA 23 WC-UP	6-Feb-08	WCC staff			0.25	0.013	<5			0.54	1430	1.2	0.61	130	Wet Weather Discharge event 06/02/2008
3	EPA 24 WC-DOWN	6-Feb-08	WCC staff			0.26	0.16	<5			0.53	1440	0.4	0.51	80	Wet Weather Discharge event 06/02/2008
4	EPA 25 QC-UP	6-Feb-08	WCC staff			0.4	0.047	<5			0.13	1510	0.5	0.14	295	Wet Weather Discharge event 06/02/2008
5	EPA 26 QC-DOWN	6-Feb-08	WCC staff			0.39	0.064	<5			0.16	1500	1	0.11	145	Wet Weather Discharge event 06/02/2008



Contact: George Hawke
Phone: 9228 6115
Fax: 9228 6366
Email:
george.hawke@planning.nsw.gov.au
Our ref: S08/00175

Mr Peter Easey
Coal Processing Manager
Werris Creek Coal Pty Ltd
PO Box 125
WERRIS CREEK NSW 2341

12 March 2008

Dear Mr Easey

Werris Creek Coal Mine: Inspection of 1 February 2008

An inspection of the mine was undertaken by George Hawke and Rohan Tayler on 1 February 2008, accompanied by Lindsay Fulloon of the Department of Environment and Climate Change (DECC) and Mr Gordon Atkinson, the Manager Engineering and Environment. The inspection was carried out to evaluate compliance of the mine's operations with the development consent from the Minister for Planning, determined on 18 February 2005 and modified on 19 October 2005 and 6 March 2007.

The inspection focused primarily on the consistency of the operations with the approval, general environmental management, noise management, blasting and vibration management, surface water and groundwater management, and environmental monitoring.

The inspection noted that the acquisition of the "Old Colliery" property on 6 February 2008 and the proposed acquisition of "Railway View" will assist with compliance with the noise, blasting and PM₁₀ criteria for the mine.

Findings referred to DECC

As the following findings represent potential non-compliances with Environment Protection Licence (EPL) No. 12290, they have been referred to the DECC.

1. Noise was measured for 15 minutes duration, not 30 minutes as required by the EPL.
(EPL, Condition M2.1)
2. The airblast overpressure criterion was exceeded at "Railway View" on 23 January 2007, 15 May 2007 and on 3 July 2007. It is understood that the DECC has warned the mine a number of times as a result of blast exceedances and has issued one fine for a blast exceedance. Site staff informed that the mine is acquiring "Railway View".
(EPL, Condition L8.1)
3. On 20-21 August 2007 the total suspended solids during wet weather discharges was 60 mg/L (SD7), 110 mg/L (SD9) and 125 mg/L (SD10), which exceeded the limit of 50 mg/L. During this discharge the total suspended solids upstream was 92 mg/L (Quipolly Ck) and 165 mg/L (Werris Ck) and the total suspended solids downstream was 125 mg/L (Quipolly Ck), 690 mg/L (Werris Ck). The mine has been requested to provide information about any other wet weather discharges during 2007-2008.
(EPL, Condition L3.3)
4. The ground water was not sampled at "Hillview" (MW1) during August 2007 and November 2007. Site staff informed that the pump was disconnected in during August 2007.
(EPL, Condition M2.1)