

Tarrawonga Coal Mine Community Consultative Committee Meeting #3

Environmental Monitoring Report, July-October 2006

Noise Monitoring

Since the Tarrawonga Community Consultation Committee in July, Road Traffic and Mine site Noise monitoring has been conducted in July, August, September and October.

The July mine site noise monitoring was conducted early in the morning with inaudible monitoring results from TCM.

The August site noise monitoring was conducted over three periods: day (7am-6pm), evening (6pm-10pm) and night (10pm-7am). The results at all sites from TCM were inaudible.

The September site noise monitoring was conducted again over three time periods (day, evening, night). The results from all sites were within the noise criterion level of 35dB (A) with the highest reading of 30dBL (A) occurring at 10:56am at Templemore

The results from the October monitoring have not yet been received, but technicians on the day indicated that the results showed that TCM was compliant.

The road noise monitoring was undertaken since the transportation of coal has begun and results were compliant with limits.

Blasting Pressure

Blasting Results

Since the first shot there have been 8 blasts.

Of this all have been compliant with the limits of 115dBL and 5mm/s.

The highest overpressure recorded was 109.2 dBL at Bollol Creek on the 25th of October 2006.

The highest ground vibration was 0.94mm/s at Templemore on the 8th of June 2006.

The only complaint received about the blasting, has since been retracted after monitoring was conducted at their residence, which did not register any pressure or vibration changes.

Air Quality

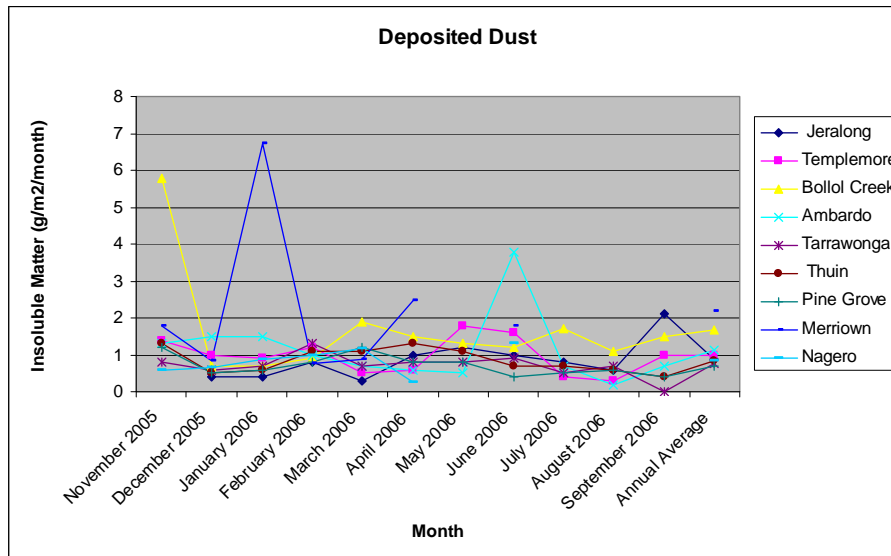
Air Quality (PM₁₀) Results

The annual average for PM10 readings is currently at 8.9 ug/m³, which is well below the annual average limit of 30ug/m³.

The highest 24hr reading was 19 ug/m³ which was recorded on the 3rd July 2006 and again is well below the 24hr limit of 50 ug/m³.

Air Quality (Dust Deposition) Results

Month	Jeralong	Templemore	Bollol Creek	Ambardo	Tarrawonga	Thuin	Pine Grove
November 2005		1.4	5.8	1.3	0.8	1.3	1.2
December 2005	0.4	1.0	0.7	1.5	0.6	0.5	0.5
January 2006	0.4	0.9	0.7	1.5	0.7	0.6	0.6
February 2006	0.8	1.2	0.9	1	1.3	1.1	0.8
March 2006	0.3	0.5	1.9	0.7	0.7	1.1	1.2
April 2006	1.0	0.6	1.5	0.6	0.8	1.3	0.8
May 2006	1.2	1.8	1.3	0.5	0.8	1.1	0.8
June 2006	1	1.6	1.2	3.8	0.9	0.7	0.4
July 2006	0.8	0.4	1.7	0.7	0.5	0.7	0.5
August 2006	0.6	0.3	1.1	0.2	0.7	0.6	0.6
September 2006	2.1	1	1.5	0.7	NS	0.4	0.4
Annual Average	0.86	0.97	1.66	1.14	0.78	0.85	0.71



Water Monitoring

Ground Water

The Ground Water Monitoring Program involves monitoring at six monthly intervals. Monitoring occurred in June this year, the next monitoring is to occur in the 1st week of December.

Surface Water

There have been no discharges from site.

Water quality tests of water in storage dams are to be completed quarterly. The first monitoring of this occurred on the 8th of September, due to lack of rain only four dams had water in them and were tested.