

BOWENS ROAD NORTH PROJECT (BRN)
SIX MONTHLY DUST AND COMPLAINTS REPORT
SEPTEMBER 2008

Introduction

BRN Development Consent Condition 6.1 b)(vi) requires the provision of a six monthly report on the performance of dust control measures, and of the dust monitoring system, as detailed in the EIS and conditions of the consent. Full details of the control measures and monitoring system employed (including monitoring locations and sample frequency) for BRN are provided in the Bowens Road North Open Cut Coal Mine, Dust Management Plan (April 2002). This report presents the results of the monitoring undertaken in accordance with the Plan.

BRN Development Consent Condition 10.2 a)(ii) requires the provision of a six monthly report of complaints received with respect to the construction and operation of BRN. This report presents the complaints recorded, and actions taken in respect of each complaint, for the period September 2007-March 2008.

Dust Monitoring

Graphs 1 and 2 report measured PM₁₀ dust generation against the NEPM goals of 50 µg/m³ (24-hour average) and EPA limit of 30 µg/m³ (annual mean).

As detailed in Section 4.3 of the Dust Management Plan a correlation between TSP and PM₁₀ was developed by measuring both parameters at the Craven and Stratford monitoring locations over five (5) consecutive sampling runs. Graph 3 shows calculated Total Suspended Particulate Matter (TSP) levels reported against the National Health and Medical Research Council (NHMRC) annual mean of 90 µg/m³.

Graph 4 shows measured dust fallout reported against the NSW EPA Amenity Based Criteria of 4 g/m²/month.

Discussion

Graph 1 shows that recorded PM₁₀ dust generation for the combined Bowens Road North/Stratford operations has been consistently below the NEPM 24hr average of 50 µg/m³ for the reporting period.

Graph 2 shows that the PM₁₀ rolling annual averages for the combined Bowens Road North/Stratford operations has been consistently below the EPA limit of 30 µg/m³.

Graph 3 shows that calculated TSP values for the combined Bowens Road North/Stratford operations have been consistently below the NHMRC limit of 90 µg/m³.

Graph 4 shows that dust deposition for the combined Bowens Road North/Stratford operations has been consistently below the EPA criteria of 4g/m²/month. A single instance of sample contamination was recorded for July at the D7 monitoring location.

Complaints

Complaints recorded for the reporting period are presented in Table 1.

Table 1 Bowens Road North Complaints March -September 2008

Date	Time	Complainant	Complaint	Response
22/04/2008	12:05pm	Mr. Richard Clarke	Past 3 nights there have been no lights on at BRN intersection. Last Thursday 17/04 and Friday 18/04 the road at Roseville intersection was unsatisfactory.	Issues discussed with Site Services Manger and OCE.
30/04/2008	11:33am	Mrs Judy Johnson	Night time noise	Complainant has advised that noise of the night of the 29/04 and morning of the 30/04 sounded "similar to that of the vibration of a air conditioner." The noise was not extremely loud but very constant. Discussed with CHPP-no abnormal activities being und
14/05/2008	1:10 PM	Mr. Keith Whittel	Blast undertaken at Roseville Pit shook house more than previously experienced.	Blast monitoring result for Ex-Judge (located adjacent to Whittel residence) reviewed 0.59 mm/s 105.6 dBl. Issue discussed with Mr. Whittel.
20/06/2008	1:14 PM	Mrs. Diana Rosenbaum	Effect of BRN blast 20/06/08 unsatisfactory	
20/06/2008	13:30 PM	Mr. Jack Atkins	Effect of BRN blast 20/06/08 unsatisfactory	
20/06/2008	9:52 PM	Mr. Richard Clarke	Effect of BRN blast 20/06/08 unsatisfactory	Response via e-mail 24/06/08 stating recorded blast results at 'Clarke' monitor and additional operational actions.
4/07/2008	6:55am	Mr. Ken Bagnall	Night time noise from product stockpile dozer.	Complaint noted to CHPP management. Operator error identified and warning issued. J.Sonnberg visited K.Bagnall to discuss issue.
7/07/2008	7:52am	Mr. Ken Bagnall	Stockpile dozer noise 10:00pm Saturday evening.	Complaint noted to CHPP management.
27/07/08	5:58am	Mr. Kevin Lowrey	Excessive mine noise early in the morning.	T.Dwyer assessed noise in proximity (Crowthers Rd) to Lowrey residence 6:20-6:35am. Complaint noted to GCL management and CHPP.
21/09/2008	6.15am	Mr. Kevin Lowrey	Excessive noise from coal mine	Complainant woke up to the sound of the stockpile dozer and coal falling into a bin at approximatly 5.45am. The noise had subsided by 6.20am when J.Benson contactd Mr Lowrey and discussed issue. J.Benson discussed with CHPP at 6.55am who had been filling

Discussion

A total of ten (10) complaints were received during the reporting period for the Bowens Road North project (including Stratford Operations). This is thee (3) more complaints than received over the previous reporting period.

Of these complaints five (5) related to noise, four (4) related to blasting, and one (1) related to the BRN haul road intersection.

All complaints received were addressed in accordance with Environment Protection Licence 11745 and or EPL 5161 and relevant complaint response protocols outlined within the Projects Environmental Management Plans.