

NSBT Project Construction EMP February EMP Report

This document reports on performance against the construction environmental management plan (“EMP”) for the NSBT project in February. This report also considers complaints received and how those complaints have been addressed. LBB manages the receipt and tracking of complaints/issues using a formal computer based tracking system. A 24-hour toll-free contact telephone number operates to respond to complaints, concerns or enquiries from the general public. A verbal response is provided within two hours unless the person requests otherwise. Some complaints are received via the community relations email address, in which case, if no telephone or mailing address details are provided, responses are provided electronically.

LBB assigns a dedicated person to each of the following four main worksites to follow up on complaints:

- South-East Freeway including Ipswich Road.
- Gibbon Street, Woolloongabba;
- Shafston Avenue, Kangaroo Point;
- O’Connell Terrace, Bowen Hills;

This report comprises three sections:

- 1.0 Noise Monitoring
- 2.0 Vibration Monitoring
- 3.0 Complaints

1. NOISE MONITORING

The main noise mitigation strategies implemented in the period remain as reported in November 2006.

LBB continues to record noise levels at the monitoring stations near each of the four main work sites located external to building at the addresses in the table below.

Worksite	Location of Monitoring	Average Levels in February
Gibbon Street	19 Gibbon Street	59
Shafston Avenue	40 Connor Street	Corrupted
O'Connell Terrace	8 Tufton Street	58
South East Freeway	3 Abingdon Street	61

The target for daytime noise level measured externally to a building is 60 dBA after applying a 5 dBA correction to the EMP goal of 55 dBA which is based on measuring internal to a building. There was a minor exceedance of the construction noise goals at the South East Freeway site but no complaints were received.

The power supply to the logger recording data at Shafston Avenue was disrupted, and noise level recordings were limited to between 12:09pm on 9 February and 12:54am on 10 February 2007 when a level of 64 dBA was recorded. Two separate attended monitoring events undertaken on 22 February 2007 and 28 February 2007 recorded levels of 57.4 dBA and 59.4 dBA respectively to confirm the efficacy of the acoustic shed enclosure being built on the site.

2. VIBRATION MONITORING

A total of 6 controlled blasts were carried out at Shafston Avenue and O'Connell Terrace sites in February. There were no exceedances of the 25mm/s blasting goal at either of the sites.

Two continuous vibration monitoring events were also undertaken during February. The purpose of this monitoring was to confirm that works being undertaken by LBBJV close to surrounding property boundaries did not exceed our continuous vibration EMP goal of 5mm/s. There were no exceedances of this goal at either of the two locations.

3. COMPLAINTS

During the month of February a total of 37 complaints/issues were raised. The following table shows the number and nature of the complaints/issues at each worksite.

Nature of Complaint	SE Freeway	Gibbon	Shafston	O'Connell Terrace	Total
Dust	2			2	4
Noise	8		1	3	12
Traffic	2			2	4
Vibration					
Property (access, security, damage)	6		2		8
Other	7		1	1	9
Total					37

Key mitigation measures implemented to address these issues included:

- Staff notified of parking restrictions on public roads;
- trucking companies reminded to use allocated turning lanes and to turn off engines whilst awaiting site access;
- site workforce reminded not to start work before 6.30am and to keep noise down prior to starting work;
- noise and dust monitoring over and above normal monitoring has been carried out in response to specific issues;
- use of mowers substituted for whipper snippers to reduce noise;
- senior community relations staff carried out visits to residents to address specific concerns;
- improved signage will be provided to assist with cycleway diversion;
- mini traffic management controls initiated to separate traffic from temporary works.