



## **NSBT Project Construction EMP January EMP Report**

This document reports on performance against the construction environmental management plan ("EMP") for the NSBT project in January. 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 the buildings at the addresses in the table below.

Worksite	Location of Monitoring	Average Levels in January
Gibbon Street	19 Gibbon Street	59
Shafston Avenue	40 Connor Street	60
O'Connell Terrace	8 Tufon Street	59
South East Freeway	3 Abingdon Street	60

The target for daytime noise level measured externally to a building is 60dBA after applying a 5dBA correction to the EMP goal of 55dBA which is based on measuring internal to a building. The construction noise goals were not exceeded in January.



## 2. VIBRATION MONITORING

A total of 27 controlled blasts were carried out at Shafston Avenue and O'Connell Terrace sites in January. There were no exceedances of the 25mm/s goal at Shafston Avenue.

On a few occasions, the measured results exceeded the EMP target at the O'Connell Terrace RNA wall, Queensland Rail bridge abutment and once at Tufton Street. Monitoring indicates no damage has been occasioned to any of these structures and owners have confirmed satisfaction with the results.



### 3. COMPLAINTS

During the month of January a total of 26 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	1			4	5
Noise	2			4	6
Traffic	4			1	5
Vibration			1		1
Property (access, security, damage)	4			2	6
Other	3				3
<b>Total</b>					<b>26</b>

Key mitigation measures implemented to address these issues included:

- safety coordinator reminded site of procedure for trucks leaving site;
- site workforce reminded to keep noise down prior to starting work at 6.30am;
- reinforced the need for all staff and subcontractors to conform to dust suppression requirements at all times;
- end of day street sweeping activities to be carried out as soon as possible following completion of works for the day;
- alternative fencing to be erected to minimise noise reverberation;
- multilingual services to be provided to assist with issue resolution;
- acoustic shed to be erected at the northern portal will control future noise levels;
- a resumed building was secured and security patrols were initiated;
- reinforced the requirement for site traffic to avoid transit across commercial properties adjacent to worksites.