

## **NSBT Project Construction EMP March EMP Report**

This document reports on performance against the construction environmental management plan (“EMP”) for the NSBT project in March. 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 following main noise mitigation strategies were implemented in March:

- provide temporary noise barrier between O'Keefe Street and Morrissey Street.
- commence construction of noise barriers along Lutwyche Road.

LBB has established continuous monitoring stations near each of the four main work sites located external to buildings at the addresses in the table below.

<b>Worksite</b>	<b>Location of Monitoring</b>	<b>Average Levels in March</b>
Gibbon Street	19 Gibbon Street	60
Shafston Avenue	40 Connor Street	56
O'Connell Terrace	8 Tufton Street	59
Pacific Motorway	73 Abingdon Street	-

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. Noise levels were compliant with the project goals. An equipment malfunction resulted in the loss of the Pacific Motorway data.

## 2. VIBRATION MONITORING

A total of 8 controlled blasts were carried out at the O'Connell Terrace site in March. There was no exceedence of the CEMP blasting goals.

### 3. COMPLAINTS

During the month of February a total of 29 complaints/issues were raised. The following table shows the number and nature of the complaints/issues at each worksite.

Nature of Complaint	Pacific Motorway	Gibbon Street	Shafston Avenue	O'Connell Terrace	Total
Dust	4			3	7
Noise	5		2	4	11
Traffic	3				3
Vibration	2				2
Property (access, security, damage)	1				1
Other	4			1	5
<b>Total</b>					<b>29</b>

Key mitigation measures implemented to address these issues included:

- when noisy work is required at night this will be scheduled to occur early in each shift;
- monitoring and consultation undertaken for all work involving vibration generating activities;
- redesign of the crossing point on O'Keefe Street to increase safety for workforce and public;
- enhanced dust suppression across all site including the increased use of bonding agent, water cart, improved haul routes where possible;
- enforcement of dust covers for all loose material deliveries;
- trials of "smart" reversing alarms.