

NSBT Project Construction EMP April EMP Report

This document reports on performance against the construction environmental management plan (“EMP”) for the NSBT project in April. 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 April:

- provide temporary noise barrier between O'Keefe Street and Morrissey Street;
- provided noise barriers for properties located on Lutwyche Road;
- commenced construction of roadheader and TBM tunnel enclosure buildings at O'Connell Terrace.

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.

Worksite	Location of Monitoring	Average Levels in April 2007
Gibbon Street	19 Gibbon Street	59
Shafston Avenue	40 Connor Street	53
O'Connell Terrace	8 Tufton Street	59
Pacific Motorway	73 Abingdon Street	67

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.

The exceedance at the Pacific Motorway site occurred due to the movement of the monitoring device closer to the worksite. The nature of the short term local work being carried out immediately adjacent to this device represents the worst case and noise mitigation action is currently being taken in consultation with residents in the area.

2. VIBRATION MONITORING

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

3. COMPLAINTS

During the month of April a total of 24 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	3				3
Noise	1				1
Traffic	3			1	4
Vibration					
Property (access, security, damage)	1		1		2
Other	9		3	2	14
Total					24

Key mitigation measures included:

- when noisy work is required at night this will be scheduled to occur early in each shift;
- provision of traffic controllers at the crossing point on O'Keefe Street to increase safety for workforce and public;
- enhanced dust suppression across all sites including the increased use of bonding agent, water cart, improved haul routes where possible;
- enforcement of dust covers for all loose material deliveries;
- provision of sensor light to improve security along pedestrian detour route;
- use of non-potable water across all worksites where appropriate;
- replacement/movement of machinery to reduce noise, dust or light impacts.