

5<sup>th</sup> March 2013

Dear Port Botany neighbour

## **CONCRETE BATCH PLANT AND PAVING – OUT OF HOURS WORKS SYDNEY PORT BOTANY TERMINAL 3**

### **Work Description**

Laing O'Rourke will be undertaking pavements works on the Port Botany Terminal 3 project in the coming months. Some works may be required outside standard construction hours in order to meet specified standards and ensure a safe level of construction. Works may include onsite concrete batching and placement, soft concrete cutting and material deliveries.

### **Explanation of Works**

#### Batch Plant Operation and Concrete Placement

The heavy-duty port pavement for the Port Botany Terminal 3 project has 83,000m<sup>3</sup> of concrete to be placed in line with Roads and Maritime Services (RMS) design specifications. These specifications prohibit placement of concrete that exceeds 32 degrees Celsius. To certify the structural integrity of the concrete and ensure compliance with the relevant RMS standards, Laing O'Rourke will place concrete during cooler periods of the day/night. Laing O'Rourke will install sprinkler systems to cool the aggregates, however during hot weather the concrete is at high risk of exceeding the specification parameters, rendering the placement of concrete unsafe and unacceptable.

#### Soft Concrete Cutting

The heavy duty port pavement will require 'soft' concrete cutting to relieve stresses in the concrete between 2 to 6 (depending on the weather) hours post pour. The 'soft' cutting will occur whilst the concrete is semi plastic and will not produce as significant noise as a typical saw cutting operation.

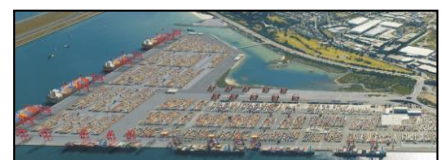
#### Out of Hours Delivery - Congestion on the Roads

In order for the batch plant to operate and produce the required concrete, it will need stocks of cement and aggregate to be replenished daily. To avoid congestion of the road network and in particular, Foreshore Road, a portion of these deliveries will be outside of peak times during the evening and night.

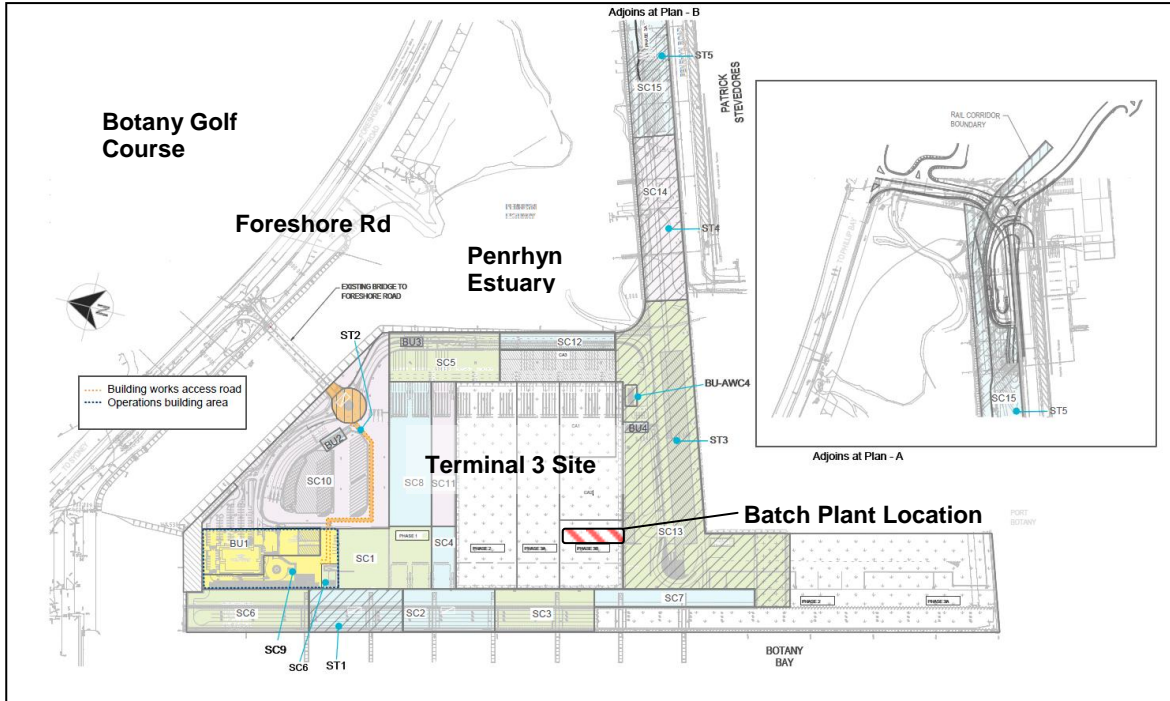
#### Mitigation

Laing O'Rourke will utilise a range of measures to minimise impacts on residents such as acoustic screening of activities, silenced equipment and limiting out of hours works. Working outside of standard hours will only be undertaken as required.

Noise trials have already shown works to be inaudible at residential areas of Banksmeadow and Matraville and this is expected to continue during construction.



The diagram below shows the Port Botany Terminal 3 site and associated construction areas. Concreting activities will progressively take place across the site.



**Expected Timeframe**

These works are expected to take place between March and December 2013, when required during early mornings, evenings and weekends. These works are not expected to be undertaken regularly outside standard hours and all controls will be in place if required.

**Effects**

Due to the nature of the Terminal 3 site and the distance from the works to the residential premises, these works are expected to have minimal effect, if any, on residential premises.

**Project Information**

Further information regarding the SPBT3 project can be found on the Project website as shown in the contact details below. Project information will be updated to reflect the relevant stages of work.

**Contact Details**

Laing O'Rourke is committed to providing ongoing information about any works on site. For project enquiries or complaints, please use the contacts shown below.

Contact	Details
General Enquiries	(02) 9455 4820
Complaints Line (24 hr)	1800 177 722
E-mail	SPBT3Enquiries@laingorourke.com.au
Media Enquiries	Please contact Manager Public Affairs Hutchison Ports Australia on (02) 8268 8000
Website	<a href="http://www.hutchisonports.com.au/port-botany-expansion">http://www.hutchisonports.com.au/port-botany-expansion</a>

