

Boral Linwood Quarry & Marino Concrete

Community Update

December 2016

The Boral Linwood Quarry and Marino Concrete operations are pleased to present this edition of Community Update for the information of our valued neighbours and community.

Test blasting at Linwood

One of the key things all quarries operating across Australia are required to do is manage the potential effects of blast vibration on surrounding properties and environments.

To help ensure we can meet Australian Standards, regular tests of our blasting practices are undertaken at **all** sites. The tests are carried out jointly with **Orica**, the company which conducts blasting at many of our quarries.

Orica is greatly experienced in blasting and, through this testing, seeks to provide information about rock resources and better blasting techniques, as well as enhancements to the blast 'designs' prepared for each site.

The tests involve drilling what are called **seed holes** which are subsequently detonated. Seed hole blasts are typically 'small' and result in **no** production yield for the quarry.

On **7 December**, we conducted a test at Linwood followed by two blasts later in the day for production purposes.

The test followed a standard configuration used previously at various sites around the country. The position of the holes was plotted in accordance with different charge weights, and eight monitors were set up to capture results.



Unfortunately, the results and effects from the tests were **not** aligned to what was expected or predicted. Given the calls and feedback we received from residents following the test, we asked Orica stage an immediate investigation.

While the results were within the **Australian Standard AS2187.2** for ground vibration and 'airblast' (the standard to which the site needs to adhere), we want to assure you the testing can be regarded as a **one off**. The community should **not** normally expect to hear multiple blasts in a row as was the case on 7 December.

We also wanted to ensure it was clear the blasting was **not** done for production gain. It was performed to gather the data necessary to improve blast practices and ultimately reduce effects on the surrounding community.

We would therefore like to unreservedly apologise on behalf of ourselves and Orica for any inconvenience caused on this day.

We also remind you that if you'd like to be notified ahead of our blasting activities, simply email us at feedback@boral.com.au.



Your local Quarry Manager

Andy Baker has been managing our Linwood site since 2012. You can contact Andy on **8296 6230** or andrew.baker@boral.com.au

Facts on the road

A media article published on 26 October about the relocation of the quarry's access road may have given residents an incorrect understanding of the actual situation.

As mentioned in a previous *Community Update*, the access road's relocation has been the subject of lengthy discussions between us and local development firm Seacliff Developments Pty Ltd, owners of the 'Lorenzin' or 'Cement Hill' site in Marino.

Seacliff Developments has, for some time, been looking to rezone their site, allowing residential development.

Our long-held position is we can support the rezoning **only** if the quarry access road is moved away from any future new development.

Negotiations with Seacliff Developments are progressing and we are confident the matter will be finalised in early 2017.



The media article stated Boral is looking to have the access road relocated so heavy vehicles can use Main South Road for northbound transport instead of Brighton Road. This is entirely **incorrect**.

Our **only** interest is in the safety and amenity of existing residents around Clubhouse Road, and that of any future new residents.

The article also stated we are consulting with the community on where the new access road should intersect with Ocean Boulevard. This is again **incorrect**.

The eventual design of the new access road will depend on the location and type of intersection which meets the requirements of the Department of Planning, Transport and Infrastructure (DPTI).

This process cannot, however, begin until **after** an agreement has been reached with Seacliff Developments.

The article is therefore completely **incorrect** in suggesting we are currently seeking feedback.

Information about the access road relocation and other planning-related matters at Linwood was published, and can still be found, on the quarry's website.



Beginning the move east

Early in the New Year, we'll be seeking your input as we start the process of moving the quarry in a new direction.

As reported previously, the long-term future of the Linwood Quarry lies to the east of the existing quarry pit. We estimate around 100 years of rock resource lies beneath these lands.

The relevant planning process first requires us to prepare a 'Mining Proposal' for submission relevant State Government authorities.

The Mining Proposal must include information on a range of topics relevant to quarrying, as well as define 'outcomes' which the quarry must meet to achieve satisfactory operations.

Successful compliance with the outcomes is measured through relevant 'criteria'. For example, the criteria for blast vibration is the relevant Australian Standard.

To develop outcomes, the process requires we go to our stakeholders. Accordingly, we'll be asking you what you think in order to start building a picture of the quarry's future.

Details about opportunities to get involved and how to offer feedback will be provided in coming months.

