

Boral Marulan South Operations

Newsletter | Issue 19 | May 2015

Boral is pleased to present this issue of its Marulan South Operations newsletter.

The tradition of mining and extraction in the Marulan region extends back well over a century, providing one of the area's foundation industries. Boral's Marulan South Limestone operations are central to that heritage.

Beginning in the 1870s, the mine has been worked by generations of locals and produced materials which have not only built Marulan and surrounds, but also NSW and the ACT.

With up to three million tonnes of limestone produced by the operations each year, the mine remains a critical part of today's building and construction sectors.

The majority of the annual tonnage is delivered by rail to the Boral Berrima Cement Works, where it becomes the key ingredient of 60 percent of cement consumed by these industries across the state.

Many locals know that Marulan South limestone can be found in familiar buildings and structures in Sydney, Canberra and beyond. The Sydney Opera House, Anzac and Seacliff Bridges, and the Snowy Mountains Hydro Electric Scheme are all on this list.

In the last year, the limestone site has been joined by the Boral Peppertree Quarry. Producer of hard rock aggregates which, in turn, become part of concrete and asphalt, the quarry's high quality output has become sought after by the market.

All of this means Boral is committed to a long-term future in Marulan, as well as the continuing social and economic benefits the two sites can and do offer the growing local community.

To ensure this legacy continues well into the 21st Century, this year we're undertaking several initiatives designed to strengthen the position of our operations and carry on the tradition started all of those years ago.



State Significant Development (SSD) application

Given its long-standing existence as a limestone mine, the Boral Marulan South Limestone operations have been managed to 'continuing use rights' for many years.

These 'rights' have been supported by a mining lease and operations plan, and local development consents issued by Goulburn Mulwaree Council.

Changes to both mining and planning laws during the last 10 years mean, however, that those operations relying on 'continuing use rights' must obtain an up-to-date planning approval for new changes.

Work is therefore underway on developing an SSD application for the Marulan South Limestone site which will seek to continue the operations.



What is included in the SSD application?

Preparing the application, which will be submitted to the NSW Department of Planning and Environment for assessment, affords us an opportunity to establish operational conditions which meet current best practices and standards.

It will also allow us to plan effectively for the future development of the operations and the 105 direct jobs they support.

Through the application, these plans will include:

- continuation of the operations for a 30 year period;
- approval to produce up to 3.5 million tonnes of limestone per year;
- the establishment of new 'overburden' emplacements to the west and north-west of the operations;
- the re-routing of a section of Marulan South Road near the operations to allow for the new emplacements.

Boral Marulan South Operations

Newsletter | Issue 19 | May 2015

What is 'overburden' and an 'emplacement'?

'Overburden' refers to the top soil, sub soil and other matter which sits next to the limestone to be mined. As the mine is developed, this material has to be relocated.

Through the SSD application, we will propose to transfer the overburden generated from the mine into:

- the existing 'south pit', which will be back-filled; and
- new overburden 'emplacements', or mounds, which will be gradually built up over time.

The emplacements will be located to the west and north-west of the present limestone operations. They will hold the overburden volume which cannot be placed in the south pit.

As they are built, the emplacements will be shaped so they blend in with the surrounding landscape. They will also be revegetated using local species once they have reached their completed form.

The emplacements will also provide additional noise mitigation from the existing operations once they are completed.



Marulan South Road

As the overburden emplacements are developed, it is expected they will eventually grow across Marulan South Road, near to the operations.

Accordingly, as part of the SSD application, we will propose to build a new road around the emplacement footprint, to the north of the current route.

We also recognise that Marulan South Road is the only local link for other businesses and, most importantly, local residents.

As a result, the application will also propose we negotiate with Council about the contribution we make to the road's ongoing maintenance and repair.

Given we will also seek to confirm our ability to move up to 600 000 tonnes of materials per year along the road from both local sites, we believe this contribution is necessary to keep Marulan South Road as safe as possible.



Growing our newest quarry

Although only producing since the start of last year, the Boral Peppertree Quarry is already enjoying high demand from our customers. The quality of the aggregates produced at the site is being regarded as very good, resulting in the increased demand.

To keep pace with this interest, Boral will also soon be lodging a separate minor modification to the quarry's approval. The modification will seek to:

- allow an additional six hours of in-pit activity, alongside the 24-hour operations of the site outside of the pit; and
- an additional overburden emplacement to the south of the currently approved quarry footprint.

Find out more

A lot is therefore happening at Boral's Marulan South Operations during 2015. Although our objectives are straightforward, we acknowledge the complexity around the processes involved.

For this reason, we'll do our best to share our plans with the whole community as they move forward. Expect to see updates in this newsletter, other Boral newsletters, local media, and through meetings with community groups and key stakeholders.

You can also find out more by visiting our website at www.boral.com.au/marulan.

Comments and questions are welcome at any time in relation to any of this information of the sites in general. You can call us on any of the numbers in the green box below.