

# Boral Concrete Sydney Metro

Supplying materials for a strong and growing community

December 2019

**Boral's new concrete batching plant in Greendale Road is well on the way to being completed. As we head into the festive season and new year, we offer our valued neighbours this further update on what's been happening at our site.**

## Connect with Boral Bringelly

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Construction hours:	7am-6pm Mon-Fri 8am-1pm Sat

## Silos on the scene...

*Perhaps the most recognisable part of any concrete plant, our new Bringelly Concrete silos were put into position during November in a major milestone for the establishment of the new plant.*

A **100 tonne crane** was brought to the site to help lift the **10 metre** silos onto their supports between **18** and **19 November**.



A crew of **six** supervised the installation of the silos and other elements requiring a crane lift, including the plant's **materials conveyors**.

While visible just above the tree line from some vantage points, the **green** colour of each silo greatly assists with their '**blending**' into the **tree canopy**.

As proposed at the **planning stage**, this lower visibility has also been aided by the **cutting** of the site's '**floor**' into the hillside.

This, combined with the **bunding** around the **northern** and **eastern** boundaries, has helped to create a better visual outlook as a result.



## Connected concrete plant

*Another significant focus of construction been connecting the site to various services and utilities which we all depend upon each and every day.*

Much work was undertaken to **wire** the site ahead of its connection to **electricity** on **24 November**.

In order to make the connection safely, a **localised power outage** was required about which we advised and worked with the relevant affected **neighbours**.

We'd like to **thank** those households for being patient while we undertook this work, and for providing **critical feedback** which ensured neither our schedule nor neighbour amenity was adversely impacted.



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Work on the **plumbing system** has also been carried out to supply **water** to the site for **operational needs** and the **irrigation** of future **landscaping**.

The water will largely come from a **stormwater dam** located near the plant **entrance**. The dam has a usable capacity of **up to 450 000 litres** – in a ‘**dry**’ year, this will mean our reliance upon ‘**mains**’ supply will be reduced by **up to 34 percent** (**68 percent** in a ‘**wet**’ year).

**Dust suppression fixtures** such as sprinklers for the **stockpiles** will also require water, as will the septic system which will run site amenities.



## Deterring dust...

*Ensuring the effects of any ‘nuisance dust’ generated is a considerable challenge for any worksite, let alone one under construction during one of the worst droughts ever experienced in Sydney.*

Regardless of the conditions, we are still obligated by our **planning consent** to decrease the risk of dust escaping onto neighbouring property.

To assist with our efforts, a **10000 litre water cart** operates at our site. Water carts are an industry ‘**best practice**’ measure for dust management.



The carts drench **unsealed surfaces** to discourage dust being whipped up by **winds** and **traffic**.

Water carts, however, are only **one** component of a site’s overarching **dust management strategy**.

Other opportunities such as **establishing** and **vegetating** **bunds** to create a physical obstacle,

‘**hard standing**’, and working to **weather conditions** also contribute.

You may have noticed the number of **agitators** visiting the site to provide the plant’s hard stand surfaces. Pouring has been ongoing since **mid November** and at the time of this update, around **60 percent** of the concrete hard stand is now complete.



## Into the new year...

*As we draw into the final weeks on 2019, what can our neighbours expect to see at the site heading into January and February?*

Further **concrete pours** are planned as the site continues to take shape, although there’ll be **no** increase in the rate of deliveries.

Neighbours will see some minor **roadworks** at the front of the site, with **Greendale Road widened** per our planning approval to better accommodate the vehicles travelling into and from the plant.

We’ll **notify** neighbours in advance of these works, and **traffic controls** will be in place for a short period to ensure everyone’s safety.

The plant’s **switch** and **control rooms** will be positioned and fitted out, while the final connections of **wiring** and **services** will be completed.

Weather permitting, we are on track to **commission** the plant in **February**. This should take around **two weeks**, with the first **commercial concrete production** expected toward the end of that month.



**Merry Christmas and a Happy New Year!**

*The Boral Concrete Bringelly team would like to wish everyone the very best tidings for the upcoming festive season, and thank you for your patience throughout construction so far.*

*Activity at the plant site will slow between Christmas Eve and Monday, 6 January. If you need to contact us during this period, or notice something to be reported, please contact our Project Manager on 0401 893 310.*

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