



Australian Government

BUILDING OUR FUTURE



July 2018

Temporary concrete paving batch plant at the Broadwater project compound, Broadwater

The Australian and NSW governments are jointly funding the Woolgoolga to Ballina Pacific Highway upgrade. Roads and Maritime Services Pacific Highway Project Office, Pacific Complete and its contractor partners are working together to deliver the upgrade.

In September 2016, the project team received feedback from the community about a temporary concrete paving batch plant on Broadwater Evans Head Road, Broadwater. The site for the batch plant is adjacent to the project's compound site.

The batch plant was approved for this location, but based on community feedback and the construction program, the project team postponed the building of the batch plant for 12 months.

A batch plant is now required at this location as the project team needs to produce concrete close to work sites in this section of the upgrade. An additional batch plant is located about 1km south of Minyumai Road, Tabbimoble, to provide concrete for the southern areas of this section of the upgrade.

From late July 2018, weather permitting, the team will start to build the temporary concrete batch plant facility near Broadwater. The work will take about eight weeks to complete and involves:

- Building temporary foundations and hard stand areas using excavators, heavy vehicles and vibratory machinery
- Installing batch plant modules including using a 220 tonne crane to lift the modules into place
- Establishing wash down areas, truck parking bays and stockpile areas for storing materials such as sand and gravel.

Once the batch plant is built, it will remain in use for about 18 months. Production of concrete will be a continuous and steady process to ensure the quality of the finished pavement. Once the work is complete, the batch plant will be removed and the team will remediate the site, including revegetating the area. We have provided a map showing the location of the facility and vehicle access areas.

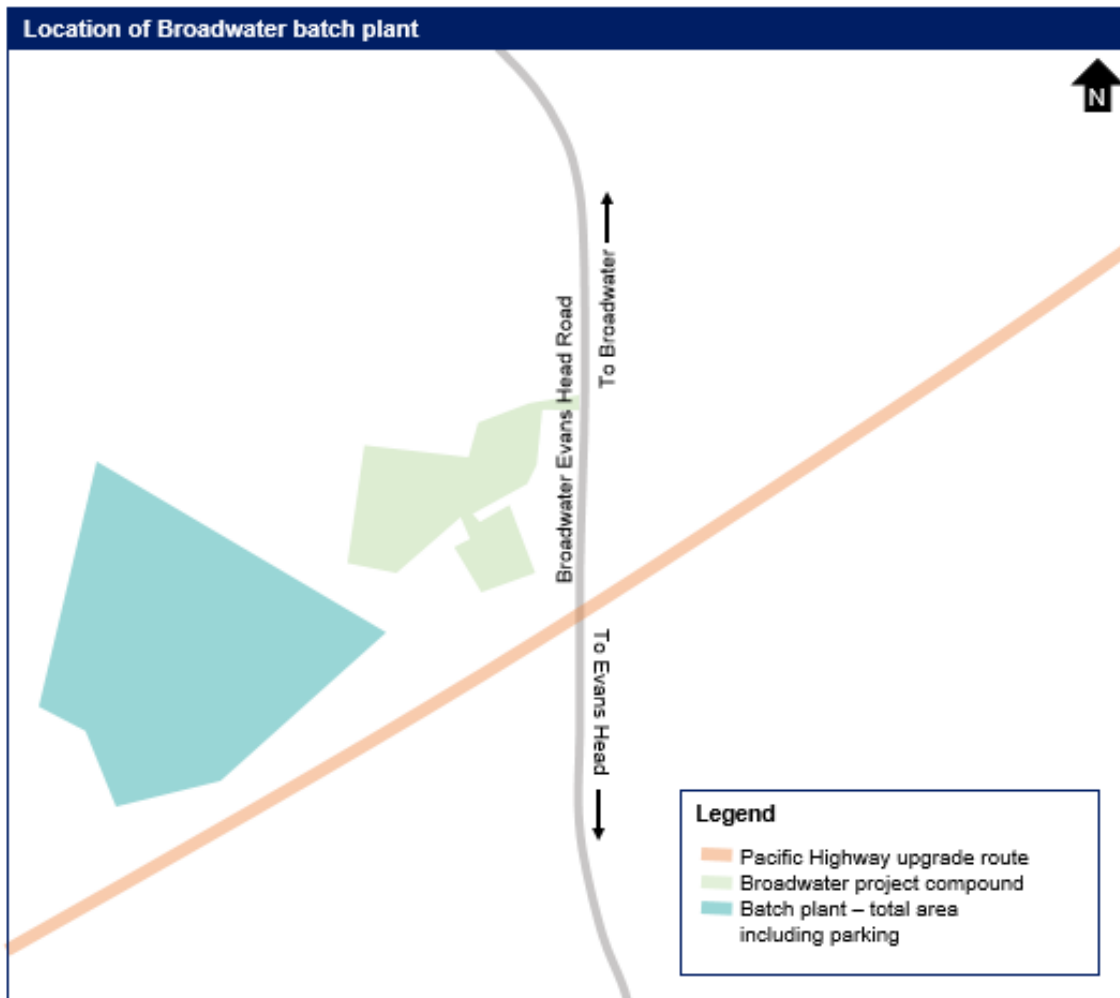
All work will be carried out in line with the project's Conditions of Approval and Construction Environment Management Plan.

How will the works affect you?

During batch plant operations, nearby residents can expect:

- Light and heavy construction vehicles accessing the batch plant facility via Broadwater Evans Head Road, including trucks delivering materials such as gravel, sand, cement powder and fly ash (a by-product of electricity manufacturing used to make road pavement)
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- Some noise due to heavy vehicles accessing the facility to unload materials (banging of tailgates)
- Some noise due to operating equipment and machinery including conveyor belt alarms and generators
- Flashing lights and reversing alarms from machinery and vehicles, for the safety of workers
- Trucks being loaded with concrete and transporting to work areas
- Light from the site compound, batch plant sensors and security lighting



Managing environmental impacts

The project team must comply with the environmental guidelines outlined with the project's Conditions of Approval and Construction Environment Management Plan.

Noise

The facility is located more than 300 metres from the nearest residential property and in a position that provides effective acoustic shielding from residences.

Other measures we use to minimise noise impacts include:

- Using features such as earth mounds and site structures to provide noise shielding
- Monitoring noise and air quality to manage any potential impacts and adjust the work activity as required

- Turning off machinery when it's not in use and positioning noise generating plant and equipment away from residential properties, where practicable
- Fitting equipment with devices to minimise noise, particularly reversing squawkers
- Encouraging drivers to limit compression braking
- Servicing and maintaining plant and equipment so they are in good working order.

Air quality

The design of the batch plant includes dust suppression components such as extraction systems on the silos to prevent cement and fly ash dust escaping during the batching operation. To minimise materials from becoming airborne, materials are pumped into onsite storage tanks then piped from the storage tanks to the silos.

Water carts and keeping areas maintained will be used to minimise dust around the batch plant and stockpile areas.

Water quality

The project team will carry out ongoing water monitoring as required under the project's Environmental Protection Licence. Any water runoff from batching operations is directed to built-for-purpose pits. The water is then tested and treated, where required, to minimise any impact to surrounding water sources.

Work hours

Typically, work will be carried out during the project's approved construction hours, which are:



7am – 6pm Monday – Friday
8am – 5pm Saturdays

No work will be carried out on Sundays or public holidays.

Nearby residents will be notified at least five working days in advance of any activities scheduled outside of these working hours.

For more information

If you have any questions, please contact the Woolgoolga to Ballina project toll free line on 1800 778 900 (dial 1), email W2B@pacificcomplete.com.au or visit the project website rms.nsw.gov.au/W2B.

We apologise for any inconvenience and thank you for your patience during this important work.



If you need help understanding this information, please contact the Translating and Interpreting Service on 131 450 and ask them to call us on 1800 778 900.