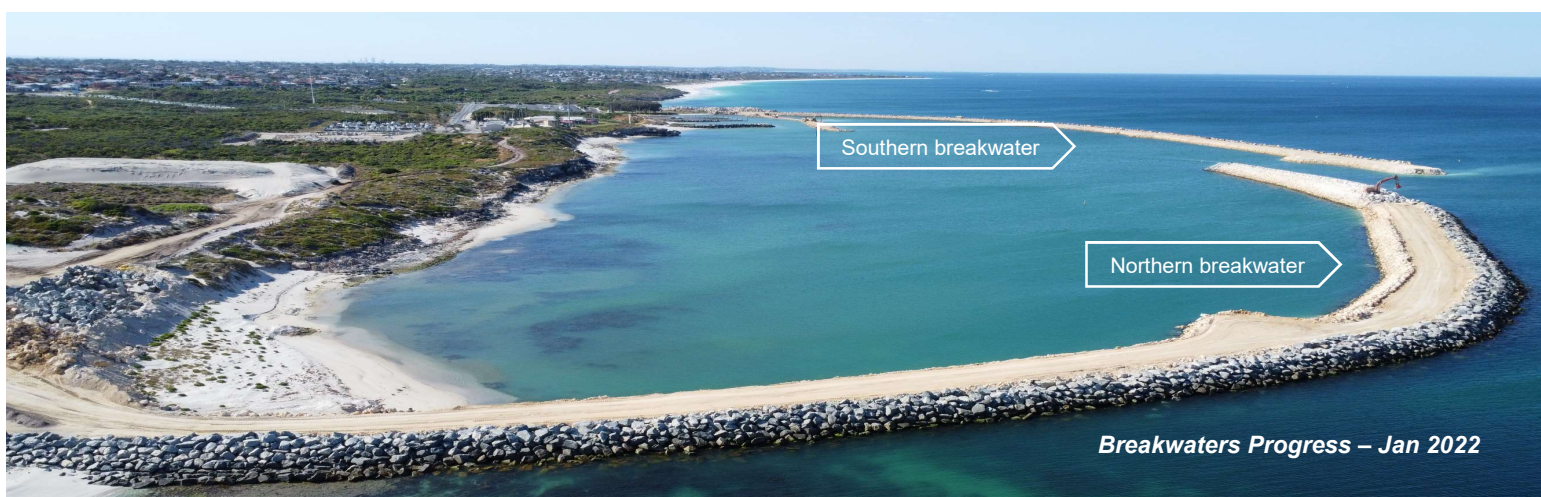


COMMUNITY UPDATE 9

Breakwater Construction February 2022



Breakwaters Progress – Jan 2022

Breakwater construction at Ocean Reef Marina is progressing well, with the Contractor reaching a major milestone on 20 December 2021 – the crossover of the two new breakwaters. Now that the new breakwaters have crossed, work has commenced on removing the existing harbour breakwaters.

Construction progress

Northern breakwater

The northern breakwater has now reached its final length of 645m in early October 2021. Working from the outer end, limestone and granite rock (armour) is now being placed on the breakwater to stabilise the structure, and bring it up to its final height of around 7.5m. The northern breakwater is expected to be complete by mid-2022.

Southern breakwater

The southern breakwater has around 140 metres in length to go, with limestone trucks continuing to focus on the south. The southern breakwater is expected to reach its final length in the next few months. Work will then begin to build it up to its final height of around 8m.

Existing breakwater and reduced truck movement

Around 60m of the existing western breakwater has been removed, with around 250 metres to go. Work to remove this existing breakwater is anticipated to be complete by mid-2022. Works are also expected to commence in the coming months to remove the existing northern breakwater for re-use. Truck volumes have now reduced, with approximately 10 trucks per day making around 100 trips to and from the two breakwater sites. This is now approximately half the movements undertaken in previous months. Breakwater construction is expected to be complete by early 2023.

New rules to maintain community safety

Notice to beachgoers, mariners and fisherman

DevelopmentWA is committed to ensuring the highest levels of safety during the construction of the breakwaters. The current deconstruction of the existing breakwaters requires excavation of pre-existing boating contaminants built up over decades of use. As the area is a construction zone, the community should avoid consuming shell fish from within the marina and access to the beaches in the immediate area should be avoided.

Changes to safety rules now include a monitored 20m 'Exclusion Zone' around the breakwater construction area, to maintain the safety of everyone undertaking recreational sea sports, from boating to fishing. Both wind and kite boarding activities are now also banned within the marina. For further information visit the Marine Safety WA Facebook page. Visitors and mariners should view the current Department of Primary Industries and Regional Development fishing notices and the Department of Transport's current advice to mariners to ensure public safety. For more information, visit <http://www.fish.wa.gov.au/About-Us/News/Pages/default.aspx> and <https://www.transport.wa.gov.au/imate/perth-notice.asp>



Removal of the existing breakwaters is underway

Managing impacts

Dust management

We understand some of our neighbours are experiencing impacts from construction.

Whilst the Contractor is required to manage any dust issues associated with the breakwater construction, we are committed to working with the Contractor to reduce these impacts as much as possible, while still allowing construction to progress.

To help mitigate potential dust from the sites, the following dust suppression and monitoring measures have been implemented:

- hydro-mulch/gluon regularly applied to the northern breakwater sand stockpile and dune. The Contractor is required to monitor the effectiveness of this on a regular basis and re-apply as required. Whilst this product typically lasts for a minimum of six months in standard conditions, the Contractor has been applying more regularly to account for the unique site environment. The most recent coating was on 31 January 2022.
- two wheel washers are in use for trucks and vehicles leaving the sites;
- nearby roads and entrances are cleaned fortnightly by a street sweeper;
- truck loads are dampened when exiting the quarry at Neerabup
- a water cart is used to dampen accessible work areas and limestone stockpiles
- further to temporary dust monitors installed in early 2021, three additional temporary dust monitors were installed in mid-February 2022 at the northern breakwater site and at a property nearby Resolute Way.

We will continue to work with the Contractor to identify the most appropriate, reasonable measures for both preventing and suppressing any potential dust from the site and to meet the expectations of our neighbours.



Truck exiting the southern breakwater site via a wheel washer

Working with the community

Construction Working Group Meeting

A Construction Working Group (CWG) meeting was held in November 2021. The group was invited on a tour of the new breakwaters, with members being some of the first general public to take in the view back over the marina from the ocean side. Following the tour, the members were presented the latest on the project, and discussed key community enquiries and management of issues such as dust. The members were also surveyed about their views on the group's purpose and their role moving forward. It is anticipated that the group will meet again one final time in mid-late 2022.



CWG members touring the southern breakwater

Keeping you informed

We will continue to provide regular updates to surrounding residents on the breakwater works and what to expect as construction progresses. The breakwater construction webpage is updated regularly as new information becomes available, and you are encouraged to register for updates at yoursay.developmentwa.com.au/ocean-reef-marina

For further information on the breakwater works or to speak to a member of the project team, please call our information line on **1800 943 121** or email us at **oceanreefmarina@developmentwa.com.au**

Fast Facts

- ★ **Abalone** continues to grow on the northern breakwater, with a noticeable increase in new stock over the past few months.
- ★ One **granite rock** (known as armour) weighs around six tonne. The large grey rocks are used to stabilise the outer edges of the new breakwaters.
- ★ Once complete, the full length of both breakwaters will be accessible via a **public walkway**.
- ★ Work on the new \$62 million breakwaters began in February 2021, creating **56 local construction jobs**.

KEEP IN TOUCH

Please contact our community information line or get in touch by email if you have any questions or concerns regarding construction works. Register to stay informed on our website and get in touch through our Ocean Reef Marina project channels.



1800 943 121



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