

COMMUNITY UPDATE 6

Start of Breakwater Construction

January 2021

Breakwater construction is an approximately 18-month program of works which will involve the construction of two new breakwaters at Ocean Reef, and subsequent removal of the existing breakwaters.

The new breakwaters will be approximately two kilometres long and up to 18.5 metres high from the ocean floor. Connected to the shoreline, these structures will extend offshore and provide calm waters within the marina development.



Artist impression showing the breakwaters (indicative only)

Overview of the works

Breakwater construction will commence in February 2021 and will take approximately 18 months to complete. The key steps include:

- Extraction of granite from Byford quarry commenced – Late 2020
- Extraction of limestone from Neerabup quarry to commence – Feb 2021
- Site preparation, clearing and earthworks (landside works) – Feb to April 2021

- Construction of the two outer breakwaters (southern and northern) – March 2021 to September 2022
- Removal of the existing breakwaters – early 2022

Local businesses, WA Limestone and Italia Stone Group have been selected to undertake the works.

All works will be carried out between the hours of 7:00am to 6:00pm Monday to Saturday. If in the unlikely event that work takes place outside of these hours, we will inform the community of these changes as soon as possible.

Traffic movements

Construction traffic within and into the Ocean Reef Marina site will be managed by a Traffic Management Plan for the entire duration of the works.

The objective of the Plan is to ensure the safety of all road users and to minimise impacts on the road network and local community.

Trucks will operate during the operational hours of the worksite from 7:00am to 6:00pm Monday to Saturday and will transport limestone and granite from the Neerabup and Byford quarries along approved routes.

The community can expect trucks to travel from:

- The Byford quarry to the site through the approved route via Tonkin Hwy, Reid Hwy, Wanneroo Rd, Ocean Reef Rd, Marmion Ave and Hodges Dr (turning left or right onto Ocean Reef Rd for access into the stockpile areas).

- The Neerabup quarry to the site through the approved route via Flynn Dr, Neerabup Rd, Mitchell Fwy and Hodges Dr (turning left or right onto Ocean Reef Rd for access into the site).

The impact on traffic along these routes is not expected to adversely affect traffic flows of the surrounding road network, however there will be regular traffic monitoring and site checks during works. We encourage community members to contact us if there are any questions or concerns.

Noise, Dust and Vibration

A Construction Management Plan is in place to minimise the impact of noise, dust and vibration on local residents. Some of the measures being put in place are:

- Ensuring all equipment is maintained and serviced accordingly;
- Limiting work times to between 7:00am to 6:00pm Monday to Saturday;
- The use of a water cart to dampen roadways and exposed areas;
- Spraying of stockpile areas to prevent dust;
- Regular cleaning of work areas and access paths; and,
- Monitoring to assess dust and vibration experienced through works.

There will also be a dedicated Construction Liaison Officer and information line to respond to any questions or concerns that may arise. Please contact us if you have any queries or concerns about noise, dust and vibration through construction.

Access to boat ramps

The existing boat ramps and trailer parking will remain operational during breakwater construction. The ramps and trailer parking will only be impacted once construction of the marine enterprise precinct and new boat ramps commences which is expected to occur in 2022.

It is intended to keep the existing number of boat ramps (8) operational at all times to minimise the impact on boat users as much as possible. This will involve constructing and opening some of the new boat ramps alongside the existing boat ramps until all the new boat ramps are operational.

Environment and clearing

Clearing will occur on site in February 2021 to enable works for breakwater construction and will ultimately form the precincts of the future development.

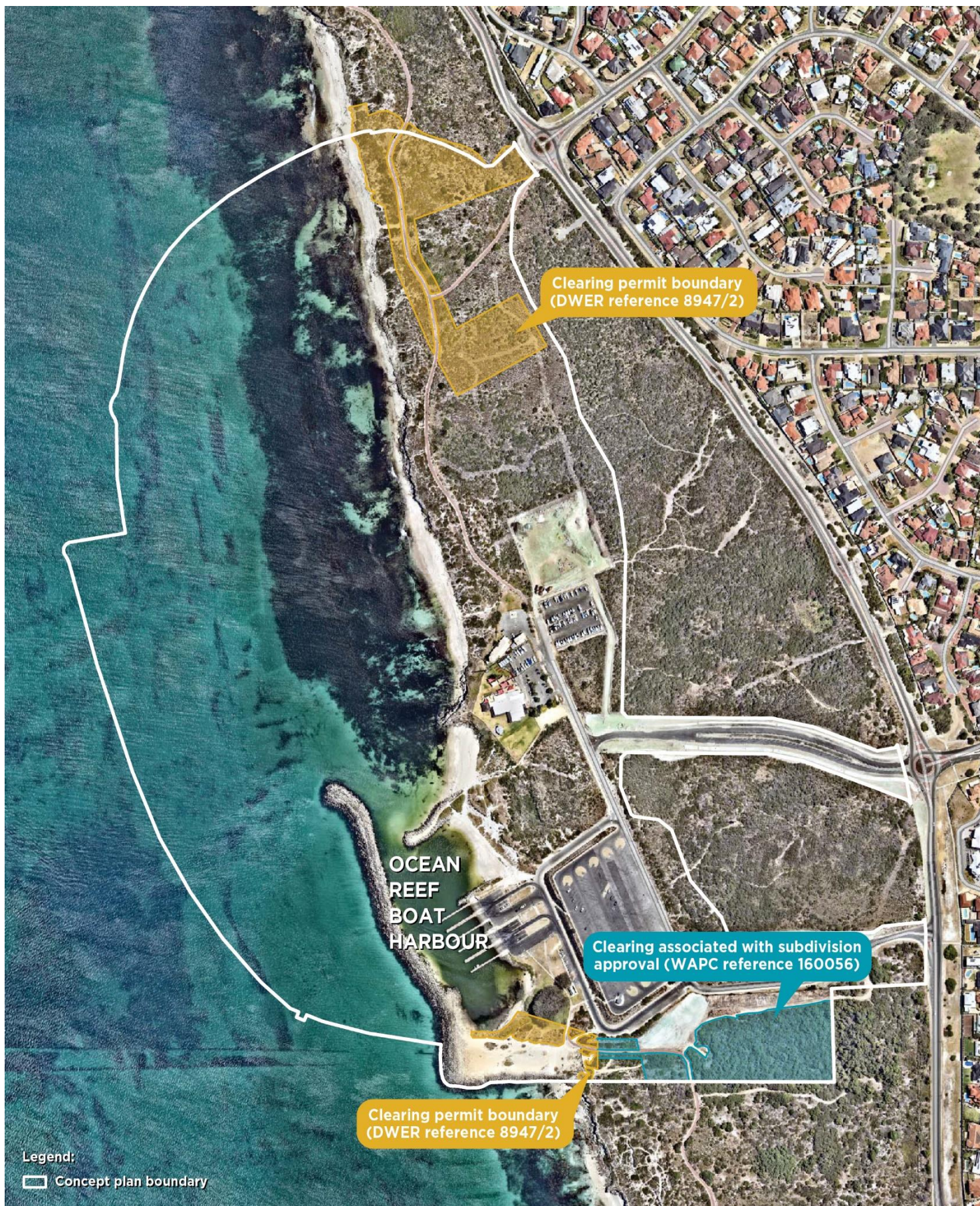
DevelopmentWA has received all the required approvals from the Department of Water and Environmental Regulation (DWER) and Western Australian Planning Commission to undertake clearing. A map of these areas can be seen on page 3.

A Construction Management Plan has been developed and approved by the relevant authorities prior to clearing commencing. This Plan outlines how clearing works will be undertaken, adhering to the highest possible standards.

The plan outlines how terrestrial and marine fauna will be protected, safely relocated and how biosecurity will be managed.



DevelopmentWA are committed to regenerating native bushland and have implemented periodic seed and cutting collection, supplemented by the use of tubestock. This vegetation will be used to revegetate bushland adjacent to Bush Forever and will be integrated into the landscape design and public open spaces.



Coastal path

We know the coastal path is frequently used and highly valued by the local community. We will need to divert the path temporarily to maintain a safe separation between works traffic and pedestrians/cyclists.

A temporary path will be constructed along Ocean Reef Road to allow for both pedestrians and cyclists to use the path safely.

The temporary path will be constructed in February and the diversion will take place in March 2021. The temporary path will be in place until a new permanent path is created within the development.

Aboriginal Heritage

DevelopmentWA recognise that all land is important to Aboriginal people. We are committed to continuing our work with the Whadjuk community on this project and seek to understand and pay respect to Whadjuk history and stories through the development.

In July 2019, the South West Aboriginal Land and Sea Council (SWALSC) reviewed and supported a heritage survey conducted in 2015 for the Ocean Reef Marina site.

The heritage survey found no sites of cultural significance, and none are registered with the Department of Planning, Lands and Heritage. SWLASC issued an Activity Notice for the development stating that no further surveys were required.

In recognition of the importance of Aboriginal heritage, DevelopmentWA engaged Aboriginal monitors to oversee the clearing associated with the geotechnical investigations and early works.

During early works clearing, Aboriginal monitors and Archaeologists investigated the clearing area and concluded that there was no evidence of sites of significance during this process and no cultural material was identified.

Monitoring will continue as clearing works progress and the appropriate legal and cultural processes will be followed should any sites of significance be discovered.

DevelopmentWA are working closely with the Yunga Foundation, an Aboriginal owned and lead business, to engage local Whadjuk people and obtain their input to the Ocean Reef Marina project.

Yunga's role is to facilitate engagement with Traditional Owners and Aboriginal people to ensure Ocean Reef Marina is a place where the Whadjuk culture is celebrated through landscape design, art, language, business, and interpretive spaces – where connection to country will be reflected through Aboriginal business and job opportunities.

Stay informed

DevelopmentWA will continue to provide regular updates to surrounding residents on the breakwater works and what to expect through construction.

Construction Updates will be available on haveyoursay.developmentwa.com.au where you can also register to receive regular project emails.

For information on the breakwater works call our information line on 1800 943 121 or email us at oceanreefmarina@developmentwa.com.au.

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



oceanreefmarina@developmentwa.com.au



Developmentwa.com.au/oceanreefmarina



[@oceanreefmarina](https://www.facebook.com/oceanreefmarina)



Haveyoursay.developmentwa.com.au/ocean-reef-marina