

COMMUNITY UPDATE # 10

Ocean and landside works

August 2022

Construction progress

Construction of the breakwaters is well progressed with the northern breakwater now complete, extending 670m in length, with a height of around 7.5m above sea level.

The southern breakwater has also reached its final length, with work continuing to bring it up to its final height of around 8m above sea level.

The old breakwaters are now completely removed, and the new breakwaters are on track to be fully completed by mid 2023.

Next stage of construction

The next stage of the project includes landside clearing and earthworks, dredging and land reclamation.

Clearing work is needed to prepare the site for the future development area and the construction of the new Ocean Reef Sea Sports Club and Marine Rescue Whitfords facilities in 2023.

To ensure that the future development provides appropriate depths for boats within the marina, dredging is also set to be undertaken over the coming months.

DevelopmentWA is working to strict environmental standards with all works have been assessed and approved by planning and environmental authorities. We're working closely with specialists to protect and potentially relocate any fauna encountered prior and during this next phase of works.

We'll also continue to work closely with representatives of the traditional owners, the Whadjuk Noongar people, to ensure any potential areas of interest identified during clearing are investigated and managed appropriately.

Works are scheduled to begin in August and will be carried out by local businesses WA Limestone and Italia Stone Group, who have also been responsible for construction of the breakwaters, with completion of this next phase expected by mid 2023.

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



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Managing construction impacts

Truck movements

The community can expect to experience significantly fewer heavy vehicles travelling to and from the site during this next phase of works, compared to during the breakwater construction. The project will also reuse resources from site, reducing the need to import additional materials to site. Access to the site will be via the existing routes established for the breakwater works and work hours will remain the same – Monday to Saturday 7am to 6pm.

Rock crushing

During the next phase of works, rock will be excavated and may need to be crushed down for re-use on site. In an effort to minimise impacts on surrounding neighbours, any crushing of rock required onsite will be undertaken as far away as possible from residential areas.

Silt curtain

To minimise the impacts on the surrounding marine environment, this new phase of works will be protected by a 'silt curtain' which is designed to contain water turbidity during the works. A silt curtain is a barrier used to contain sediment to the construction area. Now that the breakwaters are in place, the silt curtain is protected from the open ocean and will assist to reduce impacts on the surrounding marine environment.

Dust

Dust will continue to be managed under an approved Dust Management Plan, which includes damping down, hydro mulching areas that are not being actively worked, and adapting work schedules to account for changes in wind speeds and direction. The clearing may reduce some of the sand piles at the northern end of the project. Clearing is also taking place during the wetter months, which will assist in dust suppression. Additional information on our dust management approach is available as a fact sheet on our site (see link below).

Noise

Noise will continue to be managed under the approved Noise Management Plan, and given the location of the works and the reduced truck movements to site is not expected to have a significant impact on adjacent residents.

Vibration

While there are no compaction works being undertaken at the northern end of the site, the creation of new sites for the Ocean Reef Sea Sports Club and Marine Rescue Whitfords will require significant work to achieve the required level of compaction. This work may generate vibration that may be felt by nearby residents.

Odour

Material removed during dredging will be temporarily stockpiled on site. Once the material has dried out, organic material will be removed from the surface and trucked off site for disposal. The intention is to limit the amount of time these stockpiles remain on site, and to place it into the areas to be reclaimed as quickly as possible. There is a possibility, depending on a range of factors such as prevailing winds and weather conditions, that there may occasionally be some odour from the stockpiles. Whilst some odour may occur, it will be temporary and not harmful to health.

Recreational boat users

In recognition of the importance of recreational fishing at Ocean Reef, access to the existing boat ramps will be maintained at all times during this stage of works. The restrictions that have been in place since the commencement of the breakwater construction will remain in place during this next phase of works. In addition, access to the northern marina basin will be restricted to enable the safe completion of the works. Markers in the water will highlight the areas to avoid, and the Department of Transport will issue a Notice to Mariners.

Beach access

For the safety of the public, beaches within the marina site are no longer accessible.

Get in touch

Through early works and breakwater construction, we will continue to engage with local residents and stakeholders. Sign up for project updates through our website and get in touch through our Ocean Reef Marina project channels.



Developmentwa.com.au/oceanreefmarina



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