

HAVE YOUR SAY

Addressing coastal erosion at HOLLOWAYS BEACH

NOVEMBER 2019

Community feedback was collected earlier this year regarding erosion management options for Holloways Beach. This feedback, together with further investigations, has resulted in the following recommendations:

1. **Northern Groyne:** Removal of the existing deteriorated sand-bag groyne near Oleander Street and construction of a rock groyne at the same location; and
2. **Southern Groyne:** Construction of one additional rock groyne within the southern section of Holloways Beach at the end of Pandanus Street.

Groyne design

Studies recommend each rock groyne to be 30 metres long. The top of both groynes would be at the highest astronomical tide level to maximise sand capture. This will mean that at the locations of the groynes, pedestrians will have to walk around the groyne on the landward side. At this stage there is no plan to include a formal fishing platform on either groyne as any platform would need to be a standalone structure, making it cost prohibitive.

Groyne locations

The new rock groyne at Oleander St will be constructed at the same location as the deteriorated sand-bag groyne. Pedestrians will be able to walk around the groyne via the recently redeveloped esplanade (approx. level 3.5 metre AHD). The new rock groyne for the southern end is proposed to be located in front of the public access walkway to the beach at the end of Pandanus St. At this site, pedestrians will be able to walk around the groyne via the existing beach access point (approx. level 2.5 metre AHD).

Construction timeframe

Council is applying for external funding assistance and undertaking environmental approval processes. Depending on how these processes progress, construction could potentially start as early as mid-2020.



Condition assessments and sand replenishment

Some residents raised concerns regarding the condition of the existing rock wall in front of Hibiscus Lane. Condition assessments recently carried out report that the structure is in good condition and immediate repairs are not required. Many residents also believe the immediate sand nourishment is required in front of the rock wall (before storm season) however current beach sand levels are generally higher than what the wall was originally designed for.

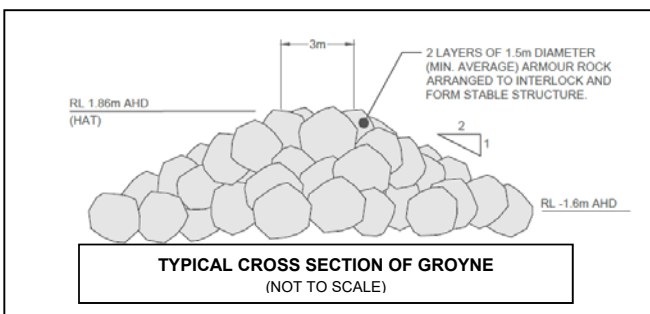
Sand nourishment will be undertaken after the groynes have been constructed. Once full, any excess sand will bypass the groyne and help nourish the area further north.

Erosion at far northern end of beach

Concerns have also been raised by residents about erosion at the far northern end of the beach. Event based erosion at this location is to be expected as there is a general lack of supply of sand to Holloways Beach. Once the groynes have been filled with sand, any excess natural sand supply should migrate north. At this stage, given the risk to infrastructure, the focus of the works will be at the southern section of the beach however applications have been made to undertake sand replenishment in other areas of the beach.

Find out more

Further information can be viewed online at www.cairns.qld.gov.au (Have Your Say).



Have your say by:

- emailing comments to feedback@cairns.qld.gov.au, or
- completing the online feedback form, or
- writing to Cairns Regional Council, PO Box 359, Cairns Qld 4870.

Feedback closes
Friday 20 December 2019.

