

## Next Steps

### Now

Open entrance when required, as per the entrance management policy

### Now

All future development proposals on low lying land around Curalo Lagoon should be above 3 m AHD (in the absence of a contemporary flood study)

### 10-100 yrs

Progressive raising / relocation of low lying assets to above 2.5 m AHD

## In Brief

- 1) Curalo Lagoon entrance will be opened when water level reaches 1.2 m AHD(\*).
- 2) Curalo Lagoon entrance may be opened between 1.0 and 1.2 m AHD if there is significant rainfall predicted within the catchment in the next 24 hours.
- 3) Relevant authorities will be notified before opening the entrance.
- 4) A pilot channel will be excavated to initiate entrance breakout.
- 5) The trigger level for entrance opening will be increased progressively in the future in response to returning the lake to a more natural opening regime and to incorporate sea level rise.

(\* ) AHD = Australian Height Datum. Zero AHD is approx. mean sea level.

# Managing the Curalo Lagoon Entrance

An entrance management policy for long term sustainability



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## Why Manage the Entrance?

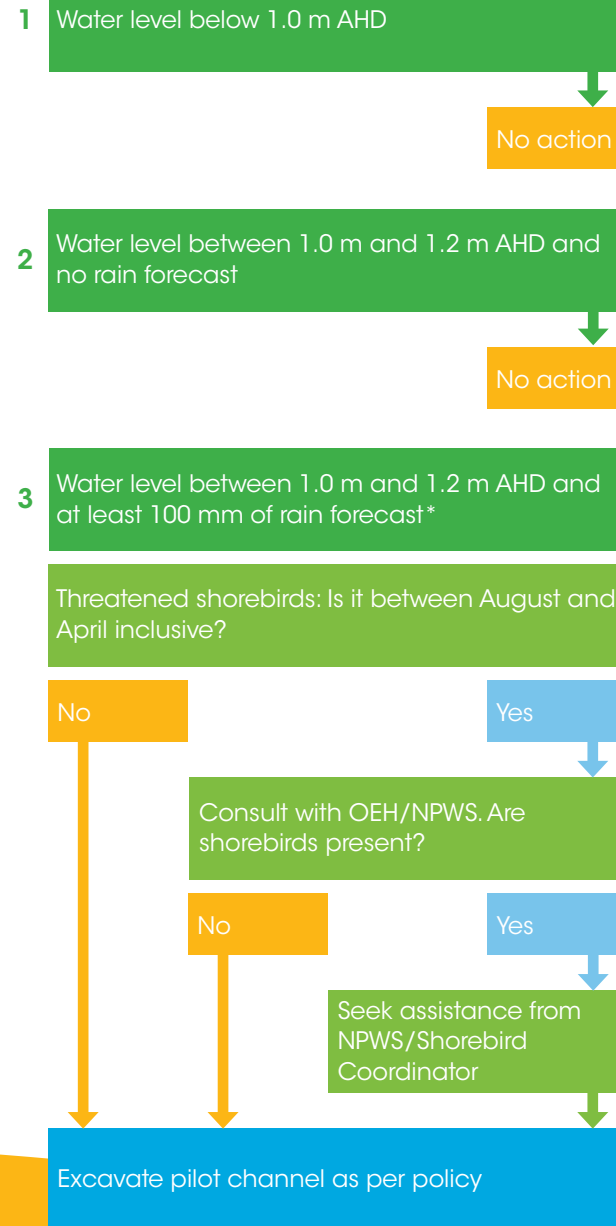
Curalo Lagoon is a small and sensitive coastal lagoon located in Eden. This lagoon experiences relatively even periods of being open and closed to the ocean.

Urban, tourist and recreational development around the foreshores of the lake means that inundation may occur when lake levels are high and the entrance is closed. In accordance with the Curalo Lagoon Entrance Management Policy, Council may artificially open the entrance of the lake when foreshore inundation becomes excessive and private and public assets are impacted.

In an effort to minimise future artificial intervention, the Policy also targets flood risk management around the foreshores. In time, it is hoped that all significant development and assets around the lake's edges have been raised, relocated or flood-proofed so that the lake entrance can be left to open more naturally.

Future climate change, and sea level rise in particular, also means that council needs to start planning carefully for future development on low lying lands surrounding all coastal lakes and estuaries in the Shire, including Curalo Lagoon.

## Entrance Management Process



### 4 Water level 1.2 m AHD or above

Threatened shorebirds: Is it between August and April inclusive?

