

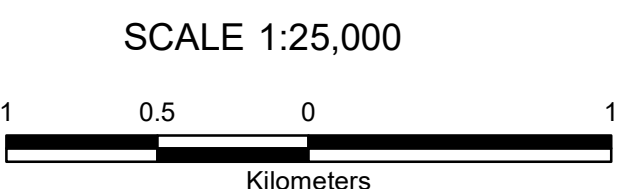
City Plan
**FLOOD AND STORM TIDE
HAZARD OVERLAY**

Version 10
Overlay Map - OM-011
Sheet 1/2

- 2016 Storm Tide Inundation Area
- 2100 Storm Tide Inundation Area
- Flood Prone Area
- Drainage Constrained Land
- Cadastral Properties
- Outline of RCC
- Local Authorities outside RCC



Produced by
Spatial Business Intelligence
Redland City Council



Note :

- In accordance with State Government requirements, the planning scheme must identify areas where coastal hazard planning controls apply. As well as flood and drainage constrained land, this overlay map shows land subject to coastal hazards – storm tide inundation. There is a separate overlay map that shows erosion prone areas. In combination, the storm tide and erosion prone area mapping reflect the 'coastal hazard area'.
 - The 2016 Storm Tide Inundation Area depicts the area predicted to be inundated during a 1%AEP Storm Tide event in the year 2016. When determining the 2016 Storm Tide Inundation Area, the effects of climate change have not been considered.
 - The 2100 Storm Tide Inundation Area depicts the area predicted to be inundated during a 1%AEP Storm Tide event in the year 2100. When determining the 2100 Storm Tide Inundation Area, the effects of climate change have been considered. This includes an assumption of the following impacts at 2100:
 - A rise in sea level of 0.8m
 - An increase in cyclone maximum potential intensity of 10%
 - Refer to the Flood and Storm Tide Hazard Overlay table of assessment in Part 5 and the Flood and Storm Tide Hazard Overlay Code in Part 6 for the requirements associated with this overlay map.
 - The information in these maps illustrates the potential extent of the modelled storm tide level. The modelled levels are based on the 1% Annual Exceedance Probability (AEP).
- This means that it is likely that the storm tide level will be observed at least once, at the locations shown in the map, over a 100 year period. It is therefore likely that an event of this size will occur at least once during a single lifetime at the locations shown.
- It is possible, though less likely, that a storm tide event of this size could occur more than once over a 100 year period. It also does not preclude a higher or rarer storm tide event level from occurring.
- For further information regarding this overlay, please contact Council on (07) 3829 8999

