

# Locality summaries

## LOCALITY: Newport

Newport is situated in the north of the Redcliffe Peninsula, including the canal estates of Newport Waterways, Stockland Newport and bayside frontage extending east (Figure 1).

Existing areas of mangroves along the bay frontage west of Newport Waterways are providing protection for adjacent land and assets from erosion and inundation hazards. The Newport Waterways canal estate areas have extensive shoreline infrastructure protection including seawalls and revetments.

Low-lying areas, including Endeavour Park, Oyster Point and bayside frontage to the east, are likely to be exposed to tidal and storm tide inundation in the future.

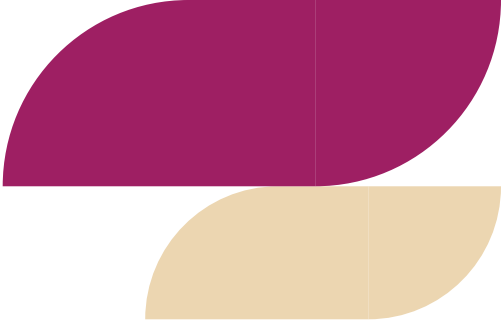
The present day adaptation response for Newport is to continue to actively monitor coastal hazard risk, and begin preparations for additional hazard mitigation in the future.




The adaptation pathway includes a focus on maintaining existing shoreline protection works, supporting property owners in increasing resilience, reviewing the adaptation pathway over time, and considering future alternatives including new protection works for critical assets (Table 1).



Figure 1. Newport

**Table 1. Newport adaptation pathway**



	Sea level rise projections		
	Present day	0.3m	0.8m
Adaptation response	<b>Monitor</b> <b>(Look and learn)</b> 	<b>Actively manage</b> 	<b>Transition and change</b> 
Adaptation Actions			
<b>Region-wide initiatives to enhance custodianship</b>	As per region-wide actions identified in Table 35		
<b>Planning</b>	As per region-wide actions identified in Table 35		
<b>Maintaining and improving infrastructure</b>	As per region-wide actions, including:		
<i>Increasing infrastructure resilience</i>		Investigate bridge conditions and marine trafficability.	
<b>Environmental protection, maintenance and enhancement</b>	As per region-wide actions, including:		
<i>Environmental enhancement</i>	Coastal management plans for the protection of highly valued environmental areas and significant habitat.		
<b>Coastal engineering and nature-based</b>	As per region-wide actions identified in Table 35.		
<b>Coastal engineering</b>	AAs per region-wide actions, including:		
<i>Coastal hazard protection works</i>	Maintain existing shoreline protection works.	Review pathway options. Establish triggers for implementation. If triggered, support property owners in undertaking concept planning for additional structural protection or upgrades to wall and private revetments at canal estate for increased resilience (if applicable).	If triggered, support property owners in implementing additional structural protection or upgrades (if applicable). If existing wall and private revetments at the canal estate do not offer the required level of protection by 2100, undertake a feasibility study for a potential tidal barrier for the canal estate.