

Locality summaries

LOCALITY: Donnybrook

Donnybrook is situated in the middle of Pumicestone Passage, on the western side (Figure 1).

Existing areas of mangroves span the majority of the coastal and estuarine frontage and provide protection for adjacent land and assets from erosion and inundation hazards.

A limited extent of low-lying land on the northern end of the residential area around the estuarine frontage is likely to become further exposed to storm tide inundation and expanding tidal areas in the future.

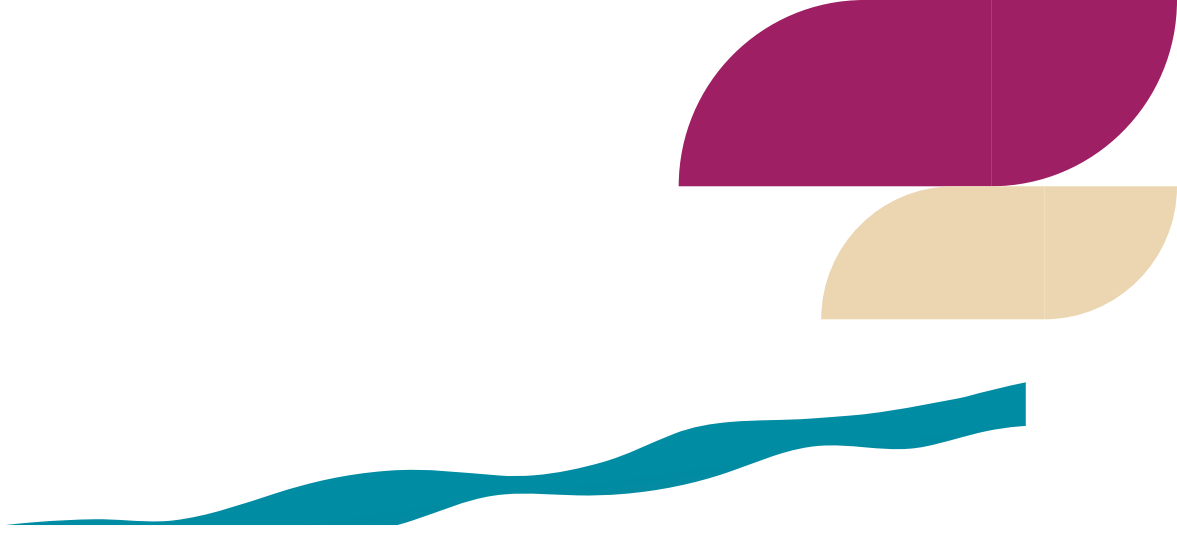
The present day adaptation response for Donnybrook is to continue actively managing coastal hazard risks, and begin preparations for additional hazard mitigation including potential transition of the foreshore use in the future.




The adaptation pathway includes a focus on protecting the existing natural coastal hazard defences (mangroves and vegetation), reviewing the adaptation pathway over time and considering future alternatives (Table 1). Region-wide actions also apply where relevant to this locality.



Figure 1. Donnybrook

Table 1. Donnybrook adaptation pathway



	Present day	2050	2100
Adaptation response	Actively manage 	Actively manage 	Transition and change 
Adaptation Actions			
Region-wide initiatives to enhance custodianship	As per region-wide actions, including:		
<i>Knowledge sharing</i>	Focus on action 1.2.3 – enhance signage on hazards and coastal environmental values.		
Planning	As per region-wide actions, including:		
<i>Place-based planning</i>	Develop place-based Local Resilience Plan for foreshore areas of Donnybrook to assist with coordinated adaptation and transition planning in the long-term.		Review adaptation pathway and reduce 2100 approach to “actively manage” if a resilient built form for very high intolerable risk properties is achieved.
Maintaining and improving infrastructure	As per region-wide actions, including:		
<i>Increasing infrastructure resilience</i>	Promote resilient homes within the community and building sector (link in with action 1.2).		
Environmental protection, maintenance and enhancement	As per region-wide actions identified in Table 35.		
Coastal engineering and nature-based	As per region-wide actions identified in Table 35.		
Coastal engineering	As per region-wide actions, including:		
<i>Coastal hazard protection works</i>	Review and implement Shoreline Erosion Management Plan.		