



The Narrows and Swan Bay – climate coastal risk overview

The highest risk to the Narrows is the inundation of the Bellarine Highway. The Bellarine Highway though is relatively built up through the Narrows and therefore is not inundated by a 1% AEP (annual exceedence probability) storm event until there is 0.8 m of sea level rise (sea level rise).

The highest risk is to the Bellarine Highway.

There is one key risk that could occur at 0.2 m SLR, the inundation dune systems along the Narrows.

The medium (yellow) and high (orange) risks that have been identified for this location are listed in the table below. Where risks are duplicates at the different SLR scenarios, the highest rated risk is included and other SLR scenarios noted.

Risk	Asset	SLR scenario	2030	2100
Bellarine Highway inundated (the Narrows) - 230 m	Roads and footpaths	0.8 m		
Dune inundation (dog beach) at the end of any formally constructed sea walls ¹	Environment	0.2 m		
Drainage outlets inundated between Railway Line and Murray Road	Drains and water network	0.8 m		
Inundation of coastal Crown land	Open space	0.8 m		

¹ This risk is rated medium and high at 0.5 m and 0.8 m SLR scenarios.