OURCOAST
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Point Lonsdale West – climate coastal risk overview

The highest risk for this location is the risk of inundation of hooded plover nesting sites. This risk commences under the 0.2 of sea level rise (SLR) and a 1% annual exceedance probability (AEP) storm event.

Nesting sites of the endangered hooded plover are low lying and inundated under 0.2 m SLR scenario

Other risks in this location do not occur until the 0.5 m SLR scenario. However, overall there are still 17 risks for this location.

High risks in the 2030 are all risks that occur at 0.8 m SLR – risk of inundation of coastal foreshore park, inundation of saltmarsh, and private property (31). For the 0.2 m sea level rise scenario, there is a risk of inundation of both Lake Victoria and private stormwater drains.

The medium (yellow), high (orange) and extreme (red) 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
Endangered birds (Hooded Plover) nesting sites permanently inundated	Environmental	0.2 m		
Point Lonsdale West private residential properties inundated - number properties 31	Private	0.8 m		
Coastal parkland Point Lonsdale foreshore inundated[1]	Open space	0.8 m		
Lake Victoria inundation[2]	Environment	0.2 m		
Private stormwater sites impacted[3]	Drains and water network	0.2 m		
Community health centre inundated	Building	0.8 m		
Big 4 Caravan Park inundated	Private	0.5 m		
Public open space inundated (foreshore)	Open space	0.8 m		
Point Lonsdale North inundated (residential area)	Roads and	0.8 m		

1 The Coastal parkland is inundated under the 0.5 m SLR scenario.

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

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

	footpaths		
Shell Road inundated	Roads and footpaths	0.8 m	
Drainage inundated (11 pits)	Drains and water network	0.8 m	