



Management Unit 2 Melville Point to Rushy Point

Management Unit 2 includes the harbour coastline from Melville Point in the north, running south-west and south-east around to Rushy Point in the south. This area includes Mount Melville, Mount Elphinstone, Robinson, Torndirrup and Little Grove. The north section of this area includes Albany Port Road and the railway; Frenchman Bay Road runs north-south along the western section. This management unit includes residential and rural-residential properties, with several paths and roads close to the shoreline. This section has a sandy coastline with intertidal flats.

Recommended Adaptation Actions in Priority Order

SHORT TERM

1. Investigate and prepare for Protection with Beach Nourishment

Beach nourishment is recommended to manage erosion.

It is noted the old Woolstores Site is currently subject to localised hard protection measures and is therefore likely to become a prioritised sub-section of this Management Unit. Any coastal protection works to this area alone, will need to address a number of requirements including those found in SPP2.6 (Clause 5.7).

2. Address Inundation as a levee

Assumes 3500m of levee required comprising three sections to protect the three areas most at risk of inundation. Other areas not at risk in the short-term.

MEDIUM-LONG TERM

3. Address Erosion via Protection with Beach Nourishment

Monitoring will determine the need for additional works beyond those recommended.

4. Address Inundation via development of a Levee

Monitoring and maintenance of infrastructure and design and performance reviews in accordance with new information and CHRMAP updates.

Secondary components may include the need for additional levees and drainage improvements as sea level rise progresses.

Ongoing Implement immediately	Short Term Commence implementation within next 25 years	Medium - Long Term Implementation 25-50 years, and beyond 50 years
<p>AV - Avoid locating assets in areas that will be vulnerable to coastal hazards</p>	<p>Address Erosion</p> <p>PR1 - Beach nourishment Placement of sand within the beach profile and/or dunes to activate beach coastal processes and provide a sediment supply.</p>	<p>Address Erosion</p> <p>PR1 - Beach nourishment Placement of sand within the beach profile and/or dunes to activate beach coastal processes and provide a sediment supply.</p>
<p>NR1 - Monitoring Involves long-term baseline monitoring and event-based monitoring following storm erosion events.</p>	<p>Address Inundation</p> <p>PR6 - Levee Inundation protection to minimise inundation on low-lying land.</p>	<p>Address Inundation</p> <p>PR6 - Levee Replace or modify levee. Additional levee as required.</p>
<p>NR3 - Notification on Certificates of Title Indicates to current and future landowners that an asset is likely to be affected by coastal erosion and/or inundation over the planning timeframe.</p>		