

Management Unit 1 Point King to Melville Point

Management Unit 1 is the first section of the harbour when running east to west from Point King, at the north-east of the study area. This section includes Port Albany and Albany and features the Albany Port and the Albany Waterfront Marina. This area has a hardened shoreline with natural rocks and coastal rock protection. The existing port and marina infrastructure comprises built coastal protection.

Recommended Adaptation Actions in Priority Order

SHORT - LONG TERM

1. Protection with existing seawalls

Protection is currently provided by various structures which while maintained are likely to continue to provide adequate protection.

There is no projected impact from inundation during the short-term for this Management nit.

2. Implementation shall focus on Monitoring

Should an unexpected inundation event occur it can be managed via Accommodate and Emergency Evacuation Plans.

MEDIUM-LONG TERM

3. Address erosion via Protection

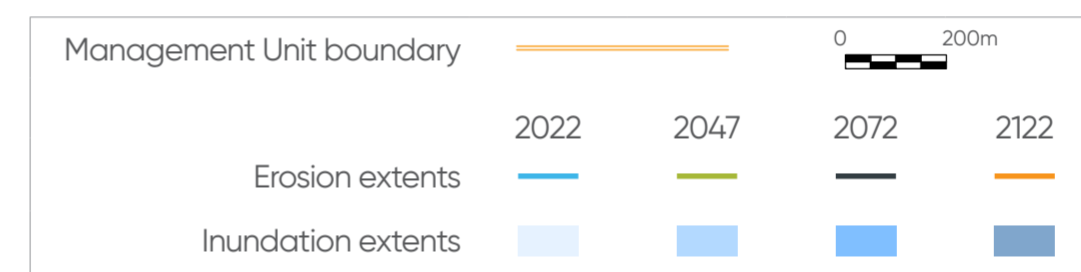
The Management Unit 1 area is currently protected. Undertake maintenance of existing protection measures where required into the future.

Recommended Medium and Long-term pathway to address Erosion via Protection with Beach Nourishment.

4. Address Inundation via Accommodate

Accommodate development where protection measures have been undertaken in accordance with the CHRMAP and/or any other relevant assessment endorsed by a suitably qualified coastal engineer.

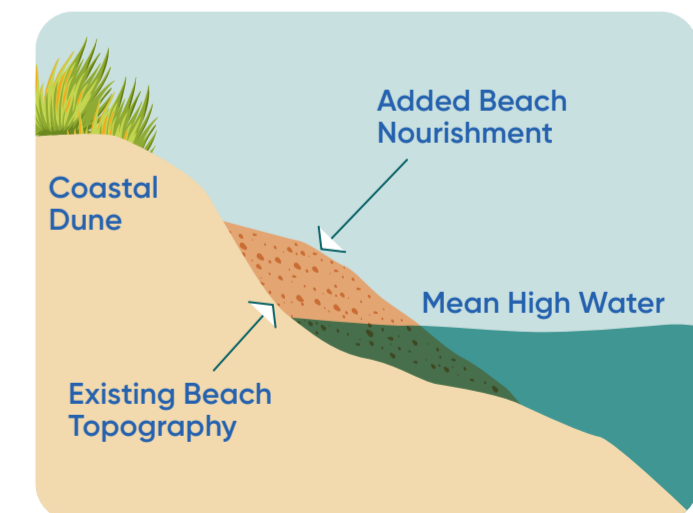
Future consideration of erosion protections options should consider their influence on, and capacity to provide protection from, inundation. Existing protection measures may need redevelopment to protect areas against inundation (high tidal and wave topping events).



Existing built coastal protection in Management Unit 1



Beach Nourishment



Ongoing Implement immediately	Short - Long 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>NR1 - Monitoring Involves long-term baseline monitoring and event-based monitoring following storm erosion events.</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>	<p>Address Erosion</p> <p>PR3 - Seawall Construction of a seawall usually along an entire section of shoreline. Maintain seawall into the long term.</p> <p>Address Inundation</p> <p>AC - Accommodate Aims to use design and management strategies that render the risks from identified coastal hazards as acceptable.</p> <p>NR4 - Emergency evacuation plans Emergency evacuation plans are important in managing the safety of community and stakeholders.</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>