

Management Unit 5 Geake Point to Uredale Point

Management Unit 5 is located at the north of the Vancouver Peninsula, from Geake Point at the south to Uredale Point at the north-east of the peninsula. This area includes conservation reserve and Camp Quarunup. This section has a sandy and rocky coastline with some existing seawalls. There are existing seawall structures at Camp Quarunup.

Recommended Adaptation Actions in Priority Order

SHORT TERM

1. Address Erosion via investigation and preparation for Protection with Beach Nourishment

CHRMAP analysis has found that the Protection Pathway is appropriate for this Management Unit with provision of a sandy beach via nourishment.

Protection of Camp Quarunup is currently provided by various structures which while maintained are likely to continue to provide adequate protection for the short-term.

- Assumes treatment of 750m beach and 150m of Camp Quarunup shoreline with 2047 implementation.
- Assumes suitable sand source available (grain size, volume, cleanliness, proximity).

2. Address Inundation via Monitoring, Accommodate and Emergency Evacuation Plans

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

Implementation shall focus on Monitoring and should an unexpected inundation event occur it can be managed via Accommodate and Emergency Evacuation Plans.

MEDIUM-LONG TERM

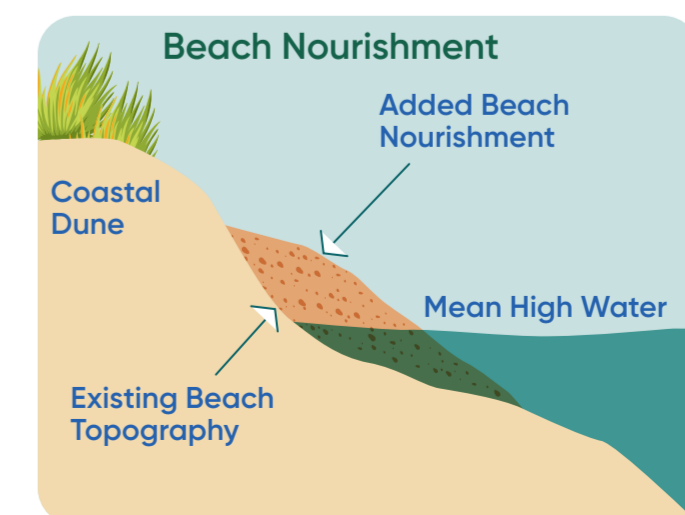
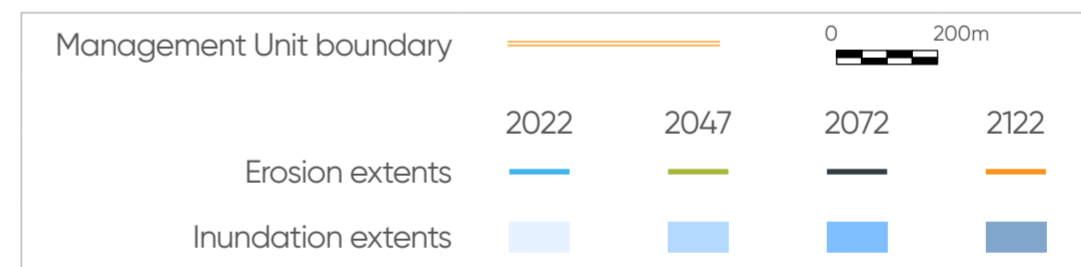
3. Address Erosion via Protection with Beach Nourishment

Monitoring will determine the need for additional works beyond those recommended in the short-term.

4. Address Inundation via Levee development

Assumes 300m of levee required around Camp Quarunup and 50m for depression in Isthmus.

Assumes 2072 implementation, so there are no priority actions in short-term.



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>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 Inundation</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 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 Inundation</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 Inundation</p> <p>PR6 - Levee Inundation protection to minimise inundation on low-lying land.</p>