

OLD BAR SEAWALL MANAGEMENT PLAN

DP524933 – DP1028979

Ongoing Works

As the land is subject to long-term erosion and substantial potential for immediate storm cut, without active beach management it is likely that the structure will be flanked at some point. It is desirable for this to be anticipated and the walls to be extended as required as erosion progresses in response to smaller storms and end effects. This would be undertaken as follows:

- In the preferred situation, approvals to extend the wall into adjacent properties will have been obtained and the works will be undertaken by the owners of these properties. Alternatively, if this is not the case, returns would be constructed along the property boundaries, taking into consideration the presence of any structures.
- The existing structure will be uncovered and additional excavation will be undertaken such that a further section of wall can be constructed using a similar methodology to the initial construction.
- Any required wall maintenance should be undertaken concurrently.

In some situations, however, erosion may be such that flanking occurs prior to these works being arranged. In this event,

- Immediately subsequent to the storm event, the structure is to be inspected and any unstable containers which may present a safety risk to the public are to be restacked or removed from the structure.
- If any persistent risk remains, access to the area may be limited by suitable fencing during the interim period prior to maintenance and extension works being affected.
- As soon as practicable after the storm event, extension of the wall is to be undertaken to stabilise the wall against erosion already experienced and to provide additional protection against ongoing erosion. This will include:
 - restacking of the flanked end of the structure to reinstate previous works
 - additional excavation, backfill & filling / placement of containers as required for the extension using a similar methodology to the initial construction.
 - any required wall maintenance

It is noted that to undertake these ongoing works, access to Crown Land will be required as the height of the scarp precludes safe construction of the toe from to the top of the scarp. A permit to occupy Crown Land for this purpose will be required.

In the longer-term, it is expected that the containers may reach the end of their useful life [expected to be ~25 years due to UV exposure]. At this time, replacement of exposed containers will likely be required.

Inspection Requirements

The wall should be inspected at least annually to ensure that minor damage (e.g. vandalism) is identified and rectified promptly. The wall should also be inspected after any major storm events to identify any damaged or dislodged containers which may threaten the integrity of the structure or present a safety hazard so that these risks can be addressed.

No formal monitoring of the performance / impacts is planned at this stage.

Repair & Maintenance

Any required repairs and maintenance is to be undertaken as soon as practicable. This may include patching or replacement of damaged containers and/or restacking of dislodged containers. It is anticipated that timing of repair works may be subject to the scale of the repair and (in the event of larger-scale repairs) availability of suitable contractors as well as prevailing tides and wave conditions.

Costs

It has been agreed that each owner will be responsible for all costs associated with the wall on their property. This includes maintenance of the wall as well as initial construction. The exception is the wall on Lot 1 on DP524933 [24 Lewis St] which will be constructed and maintained at the expense of the Meridian Resort [SP61034] and the owner of 26 Lewis St [Lot 1 on DP617961].