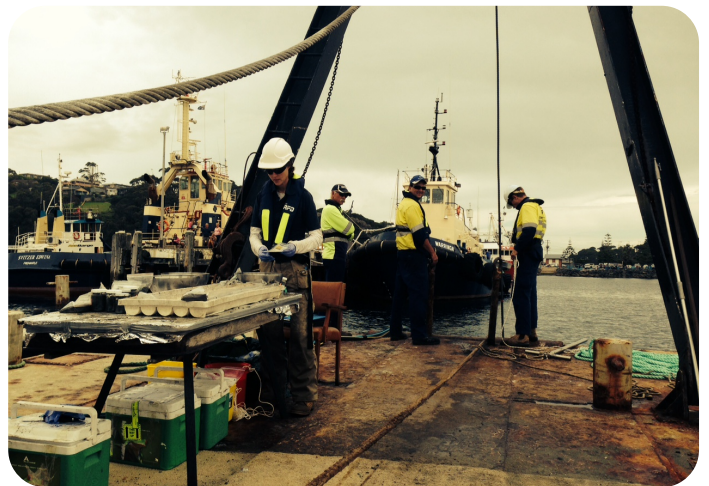


Eden Breakwater Wharf Extension December 2014 - March 2015



Geotechnical and Environmental Investigations

Eden Breakwater Wharf Extension

Crown Lands manage a range of built maritime assets, including 25 coastal harbours and 21 river entrances and maintains access to these assets. Crown Lands has identified the need to extend the Eden Breakwater Wharf and dredge the approach channel and berth pocket, to accommodate cruise ships of up to 300 m in length.

Australasian Marine Associates were successful in their bid to undertake the extensive geotechnical, geophysical and environmental (sediment) investigations for Crown Lands, with fieldwork currently underway.

Scope of Work

The proposed investigations in Snug Cove include the following program:

- Drilling of geotechnical boreholes
- Conduct of vibrocoreing
- In-situ Standard Penetration Testing (SPT) at each borehole;
- Geotechnical logging of material recovered from boreholes;
- A side scan sonar, magnetometer and resistivity survey within the dredge footprint and adjacent to the existing and newly proposed marine infrastructure;
- Compliance with all relevant State and Commonwealth legislation, policies, guidelines and conditions required under any licences, approvals and/ or permits, as well as any local Government requirements;
- Mobilisation, installation and demobilisation of all marine plant, including barges, drilling and vibrocoreing equipment and geophysical survey equipment; and
- Restoration of all sites and areas affected by the proposed activity.

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