

Marine Structures—Frequently asked questions

What work is being undertaken for stage two of the project— Marine Structures?

For stage two, we are:

- extending the existing wharf by approximately 95 metres
- installing three mooring dolphins and two berthing dolphins
- installing onshore mooring bollards on the existing wharf
- upgrading existing services such as lighting, power and potable water and emergency fire-fighting water
- installing navigation aids.

Who will be undertaking construction of the Marine Structures?

The Marine Structures contract has been awarded to Waterway Constructions Pty Ltd (Waterways), one of the largest specialist maritime contractors in Australia.

When will work on the Marine Structures start?

Waterways has commenced pre-construction activities including the preparation of management plans, procurement and fabrication of piles, and other major components. Site establishment is planned for March and piling activities are due to commence in April and will take up to eight months to complete, weather permitting.

When will work on the Marine Structures be completed?

Work is scheduled to be completed by mid-2019, weather permitting.

What are the normal construction hours?

Normal construction hours are 7 am to 6 pm, Monday to Friday, and from 8 am to 1 pm Saturday.

What equipment will be used?

Waterways will use piling and drilling rigs, barges, excavators, backhoes, saw cutters, concreting equipment and handheld tools.

What noise will be generated?

During construction of the Marine Structures, noise will be generated from:

- construction vehicle movements
- loading, unloading, moving equipment and construction materials
- excavating
- piling
- drilling pile rock sockets
- pre-cast and in-situ concreting works
- saw cutting and breaking concrete.

The noise will be temporary and will change as the work progresses.

What mitigation measures will be implemented to minimise noise?

Mitigation measures to minimise noise will be implemented as follows:

- works will be scheduled to minimise the number of noisy plant and equipment operating at any one time
- plant and equipment will be selected that can be fitted with options to minimise noise such as covers, mufflers, exhaust silencers, shrouds and other noise-suppression equipment where possible
- plant and equipment will be operated in accordance with industry standards and be serviced as per manufacturer specifications
- plant and equipment will be turned off and not left idling when not in use
- noisy plant and equipment will be oriented away from sensitive receivers where possible
- high-pressure washes will be used to cut concrete instead of pneumatic hand tools
- construction activities will be planned to minimise vehicular movements around the site
- compression braking will be limited where possible
- soft-start procedures for piling operations will be implemented
- respite periods will be provided for piling operations.

For a two-week period at the commencement of piling, noise and vibration testing will be undertaken by a senior acoustic engineer at various locations around Snug Cove, as was done previously during stage one of the project (Dredging). In addition, two noise monitors (sound loggers) will be installed at various locations around Snug Cove, which will enable project staff to remotely monitor noise levels 24 hours per day.

Will the Breakwater Wharf remain closed?

Yes. The Breakwater Wharf officially closed to the public and port users on 12 August 2017 before dredging began. The wharf will be reopened when the project is completed in mid-2019. The mooring jetty and multi-purpose jetty are still able to be used by the public. Further information is available from the Port of Authority of New South Wales: <https://www.portauthoritynsw.com.au/port-of-eden/>

Will boats still be able to enter the port of Eden?

Yes. A Public Notice to Mariners was issued on 14 July 2017, which advised vessel operators to exercise caution when navigating in the vicinity and not to attempt berthing alongside the Breakwater Wharf. Further information is available from the Port of Authority of New South Wales: <https://www.portauthoritynsw.com.au/port-of-eden/>

Vessel operators should also note that there is a 50 m exclusion zone around the work site.

Will cruise ships visit Eden during construction?

Yes. Cruise ships will continue to visit Eden during construction, with their tenders using the T- jetty east of the Breakwater Wharf for passenger transfers.

How can I find out more about the project?

Further information about the project can be obtained by:

- Telephone: 1800 960 877
- Email: eden.wharf@industry.nsw.gov.au
- Mail: PO Box 343 Eden NSW 2551
- Web: <https://www.industry.nsw.gov.au/lands/major-projects/infrastructure/eden>