

Marine Licence Applications

Report No 62. 30 June 2022

This report covers applications submitted since 1 March 2021 for work in the Solent, not included in previous reports. It excludes applications for the burial of human remains at sea.

1. Applications open for consultation

Case Information	Project Type	project Title	Location	Applicant Name	Consultation Closing
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MLA/2022/0094	Construction of New works	Emergency Coast protection	Weston shore, Southampton Water East	Southampton City Council	26 July 2022

The aim of the project is to protect an existing footpath/ cycle way and below ground

utilities which are located on top of a low-lying, eroding cliff in Weston Shore, Southampton. If immediate action is not taken, it is expected that continued erosion will result in the footpath/ cycle way being further undermined and utilities exposed, which would likely result in significant damage and/ or loss of the critical infrastructure. Therefore, it is imperative that these emergency works are undertaken during this summer (2022).

The Site encompasses the following:

- Up to 160m of the beach at Weston Shore.
- Up to 160m of the cliff at Weston Shore.
- Weston Shore Promenade, located on top of the cliff (up to 160m in length).
- Areas of grassland/vegetation at the crest of the cliff.
- Existing historic 19th century sea defences (located on the foreshore).
- The Victoria Road car park (at the northern end) which will be used as a construction compound.
- Victoria Road (between Victoria Road car park and the Sailing Club, at the northern end) which will be used for construction access.
- Southampton Sailing Club slipway (at the northern end of the Site) which will be used for construction access.

The total area of the Proposed Scheme is 0.14 hectares (ha), which comprises the following coastal protection measures to reduce the risk of erosion to the Weston Shore:

- Installation of 1,941m² geotextile beneath rock armour; and
- Installation of 2,717 tonnes of rock armour on the cliff face and foreshore.

Activity methodology

Your method statement should clearly explain how you are going to carry out the activities providing detail on any materials and plant to be used as well as proposed programme timings. (max. 2000 characters)

A construction methodology has been prepared by Balfour Beatty Living Places for the proposed works. A summary of the construction methodology is provided below:

- Establish Site compound (including welfare facilities) in the Victoria Road Car Park. The compound will be used for plant, rock and non-woven geotextile membrane storage.
- Erect signage and fencing to maintain public safety which will include lorry reversing signs from the compound to the foreshore, and notification of temporary closures of the footway and cycleway when rock is being placed. A suitable diversion will be put in place during this time.
- Confirm intention of working a single tide only due to the scope & nature of the works.
- Materials will be transferred from the compound to the work face via the Southampton Sailing Club's slipway, using 10 tonne site dumpers.

- A 30 tonne excavator will track along the foreshore, using a route landward of high tide. Materials will be delivered along the same route. Work will commence at the eastern end of the Site. The toe will be dug during low tide and the geotextile placed, working in 20m sections. The geotextile will be secured at the shore side by stone placement.
- The excavated material will be stockpiled above the high water line and re-used within the works as fill.
- An excavator will load the toe rocks into a dumper in the compound and will transport the rocks to the foreshore where a second excavator will place the stones with a bucket into the required position. Toe stone position will be checked by the engineer.
- As the tide rises, the toe stones will be filled in from behind with the armourstone, being careful to select the best sized stone to fit to minimise voids.
- Upon completion of the armourstone placement in accordance with the relevant cross section, the initial 20m work zone will be checked by the engineer and the above.

Paul King
30 June 2022