

Clacton and Holland on Sea Coast Protection Scheme



What are we telling you about?

Progress update on Phase 2 of the £36million Clacton and Holland on Sea Coast Protection Scheme, between Clacton Pier and Fernwood Avenue

What have we done so far?

The beach, lower and middle promenades for the Phase 2 works were closed on Monday March 2nd. Site fencing is now in place and the area patrolled by the contractors security team who are on site 24/7.

All concrete and timber groynes have now been removed between the pier and Hazlelmere Road. The concrete is retained for use as core material in the new rock groynes

The armour rock protection to an area below Vista Road has been removed and some of the wave dissipation concrete structures have been broken up, all for reuse.



What else have we done?

Beach material is being brought in from a Crown Estate licenced dredge site approximately 19kms offshore by the Sospan Dau, a special shallow draft dredging vessel which is on site from March 9th for about 3 weeks to rainbow recharge material at the new groyne locations.

This commenced at FT15 near Cliff Road and then at FT1 by the Pier worked back towards FT10.



The beach material is "rainbowed" onto the beach from just off shore just before high water takes about 1½ to 2hrs to complete and continues every high water throughout the day and the night.



What will we be doing next?

The rock transhipment barge Bolle VIII arrived on site 14/15th March and the first vessel containing core material from the quarry in Norway arrived on 16th. Further vessels are now ferrying rock to the site from the quarry.

The rocks which have been tested for quality at the quarry are being off-loaded near to where each groyne is to be constructed.

They will then be moved into place by land-based machinery.



How are the groynes built?

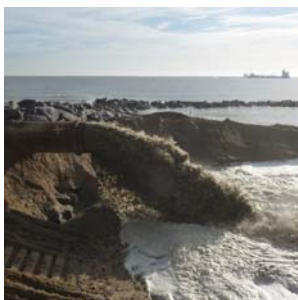
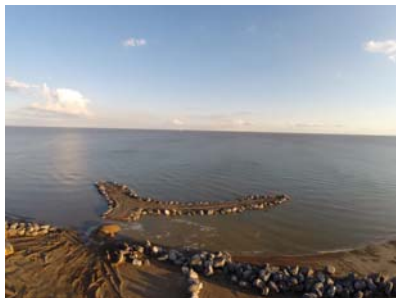
The groyne construction takes place by building out a bund with beach and core material for the dry plant equipment.

The core material for the groynes will comprise crushed material from the existing structures and also smaller rocks from the quarry. The core material will be placed by excavators and will be covered by a geotextile to form the middle of the structure.

The toe of the structure will be excavated first. The geotextile and toe rocks will then be placed. Larger rocks will be placed over the geotextile to form the fishtail rock groynes.

Each groyne will take roughly two weeks to build (subject to tide and weather conditions of course).

Once the structures have been completed the remainder of beach recharge material will be brought in by the dredger "Causeway" from the same licenced dredge site to form the design beach profile.



Causeway

If you would like this factsheet in larger print or another format please do let us know

How will this affect you?

There will be noise and vibration associated with this major coast protection scheme. Monitoring equipment is in place to ensure the levels are kept under the defined limits set within the approvals for the project. Of necessity these works will take place 24/7, as much of the work is tide dependant and is subject to variable weather and sea conditions.

From 2nd March 2015, the lower and middle promenades and beaches will be a construction site and access will be strictly controlled to only personnel authorised by the Contractor. The closures will remain in place until the work is complete and the area is safe to open once again.

We are mindful of the inconvenience these works may cause, but hope you will bear with us while we carry out this essential coast protection work.

Please be aware that there will be times along the promenades and beaches where it appears that no activities are taking place, however during this time the area will remain closed as large construction vehicles need to move freely within the site.

Where can I get more information?

NEW PICTURE
REQUIRED



The Visitor Centre, is situated on the greensward opposite Hazlemere Road and is currently open at the following times:

Daily 10.00hrs—15.00hrs

Visit www.tendingdc.gov.uk where regular updates of the works can be found and you can view progress via the time lapse video camera

Click on the "latest information" image as shown on the right

Clacton and Holland on Sea
Coast Protection Scheme



Contact:

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