



Kingsdown Timber Groyne Replacement

Work has been progressing well along the Kingsdown frontage and the programme remains on course for completion in March 2016. Four timber groynes, just to the north of the old RNLI building, are now at full height and represent the remainder of the 16 groynes that are still to be constructed. Currently they are a fair bit above the existing beach level but this will be reduced when the new beach is placed. It is expected that 50% of the new groynes will be complete before Christmas. Beach recycling works and demolition of the old timber groynes will hopefully commence early in the New Year. The information below details the stages and progress of the works so far:

Pile Installation

TMS (Teignmouth Maritime Services Ltd) commenced work in Kingsdown on 2nd September 2015. The first week was spent setting up the site compound at the end of Boundary Road. In the subsequent week the piling works commenced on groyne 9 due to its close proximity to the site compound. The piling comprises two methods – vibration and percussion (hammer). The piles closest to the seawall are installed using a mix of the two methods whilst the lower piles are driven exclusively by vibration. To date TMS have installed over 400 piles out of a total of 526 piles.



Strut Installation

Struts have been installed on ten of the sixteen groynes. The struts provide additional support to the middle third of the groyne. The struts require large excavations in the existing beach material to reach the required depth and enable them to be anchored into the underlying chalk.



Installation of end piles

Due to the tidal nature of the project, the end of the new groynes can only be reached on the very low spring tides. Each spring tide only permits about 1 hour of working so it is important that as many tides as possible are utilised. To date, the end piles have been completed on six groynes out of a total of sixteen. The remainder will hopefully be installed before Christmas.

Planking and sheet piling

Installation of the steel sheet piling at the end of the new groynes has recently commenced. The sheet piling prevents scouring of the beach/foreshore underneath the groyne. As soon as the sheet piling is complete the planking can begin.



Old Timber

There is now a significant quantity of timber available for the local residents who wish to make use of it for their gardens etc. Anyone interested should first contact Hylton, TMS's representative using the "Contractor" number below to arrange for a suitable date and time to visit the site.

Christmas Holiday

TMS will be closing site and finishing work on 23rd December with a view to return 4th January 2016.

Future Newsletters

Newsletters will also be displayed on site for public viewing and on the Council's website. www.dover.gov.uk. If you have any enquiries during these works please don't hesitate to contact us.

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