



Figure 1: Management Unit 5B (Swalecliffe)

 Blue: Recycling Extraction Point
 Red: Recycling Deposition Area

The full length of this frontage is defended, and for the most part these defences consist of a seawall fronted by shingle beach and groyne field. The groyne field aids the protection of the town of Swalecliffe by trapping material travelling alongshore from east to west with the dominant drift direction. The west of this section, Long Rock, is part of the Thanet Coast and Sandwich Bay SPA/Ramsar Site; a dynamic section of coastline which acts predominantly as a sediment sink to the material in MU5B. The eastern section of this management unit is protected by the terminal structure Hampton pier. This not only prevents material entering the management unit from MU5C, but also reduces the wave action in MU5B, contributing to its overall stability.

The Coastal Defence Strategy Plan for Swalecliffe to Hampton (2010) discusses several management options for MU5A. The conclusion suggests the management unit will continue the 'Hold the Line' policy for the next epoch.

Maintenance works have been undertaken in autumn 2010, consisting of the deposition of recycled material from the mouth of the Swale Brook. Three groynes were removed and the material spread across four groyne bays.

Survey Regime

Survey type	Frequency	Profile spacing/survey extent
Topographic baseline	Annual	50m to MLWS
Topographic interim profile	Spring and Autumn	150m to MLWS
Bathymetry	5 years	50m profiles to 1km offshore
Ortho-photography	5 years	MLW
Aerial photography	Ceased in 2008	MLW
Lidar	Rolling Programme	MLW
Habitat Mapping	5 Years	As Required

Full details of data availability and extents can be found on the Channel Coast Observatory Website (www.channelcoast.org)

Summary of Beach Operations

Date	Operation	Quantity (m ³)	Location/Notes
2010			
September	Maintenance Works	1,500	Deposition between Profiles 4a00908 to 4a00914
September	Maintenance Works	1,500	Extraction from the Swale Brook mouth

Full details of beach operations can be obtained from Canterbury City Council (strategic.monitoring@canterbury.gov.uk)