





Figure 1: Management Unit 3B (Shellness)

 *Blue: Recycling Extraction Point*
 *Red: Recycling Deposition Area*

The frontage comprises a managed sand (and shell) beach, which is backed by low-lying coastal grazing marsh. The northern section of this management unit is backed by the seawall which continues from MU3A; however this stops approximately 350m into the management unit. The central section has a groyned beach face for protection as several properties are located on the beach. The southern section of this management unit is also heavily groyned, with spacing approximately 50m apart. In areas with no property the groynes are more widely spaced and the beach generally lacks defences.

A policy of 'Managed Realignment' has been proposed for Shellness to Sayes Court. During this epoch it is unlikely that there will be a significant change between the present day dynamics on the open coast and those within the Swale Estuary. However, it is acknowledged that the hamlet of Shellness will become increasingly vulnerable to wave attack. The long-term policy is to continue allowing the coastline to realign, albeit in a controlled manner, under a policy of managed realignment. On the open coast more frequent breaching is predicted and it is likely that the durability of Shell Ness spit will continue to reduce, due to sea level rise and uncertainty regarding feed. As such, it is envisaged that the northern shore of the Swale Estuary will realign landwards and the mouth will widen (Isle of Grain to South Foreland SMP, 2007).

No coastal works have been undertaken within this management unit since monitoring began in 2003.

Survey Regime

Survey type	Frequency	Profile spacing/survey extent
Topographic baseline	1 per phase	50m to MLWS
Topographic interim profile	Spring and Autumn	150m to MLWS
Bathymetry	5 years	50m profiles to 1km offshore
Ortho-photography	3-5 years	MLW
Aerial photography	None from 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
No beach material has been recycled since 2003			

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