



Figure 1: Management Unit 7B (Broadstairs)

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

The southern section of this management unit includes Broadstairs beach, which is predominantly sandy and is sheltered by the harbour arm reducing the impact of waves upon the beach. It is proposed that the structures surrounding this beach will be subject to protection and maintenance for the next 100 years, as the beach itself has no real primary defence other than the sand fronting the seawall and promenade.

The north section of this beach is characterised by steep chalk cliffs, of international conservation and landscape importance. Infrastructure is located on the cliff top, requiring the continuation of a 'Hold the Line' management regime. Rates of cliff erosion (toe and top) may increase slightly during the third epoch, due to the predicted rise in sea level and sub-aerial weathering. Despite ongoing sea level rise, erosion and transportation rates along this frontage should remain low. Therefore, the general
Awaiting final approval from Thanet District Council (2010)

character of this frontage will not alter significantly (Isle of Grain to South Foreland SMP, 2007).

No recycling or replenishment works have been undertaken here since monitoring began in 2003, however regrading occurs regularly to maintain the tourist beach.

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	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
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)