



Figure 1: Management Unit 6B (Margate)

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

This management unit encompasses the town of Margate and the protective structures fronting it. The current defences include the seawall and promenade directly in front of Margate, however the pocket beaches have no primary defence other than the beach itself. The harbour arm impedes sediment movement alongshore, of which the sediment supply is already low and the shoreline is held seawards of its natural alignment. Narrowing of the beach and intertidal areas are anticipated in the near future (Isle of Grain to South Foreland SMP, 2007).

The structures are currently planned to be maintained over the next 100 years due to the large infrastructure behind the defences.

No replenishment or recycling activities have been undertaken within this management unit as longshore drift is minimal; a result of the pocket beaches. Beach profile regrading has been undertaken to increase natural beach protection, however no additional material has been added or removed. Subsequently, significant amounts of beach nourishment will be required if an amenity beach is to be maintained in the latter epochs.

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
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)