



Figure 1: Management Unit 2B (Sheerness)

 Blue: Recycling Extraction Point
Red: Recycling Deposition Area

This management unit marks the western extremity of the Isle of Sheppey and the interface between the open coast and the Medway Estuary (Rushenden to Sheerness). This section of the coast comprises a dense urban area that extends to the shoreline and has regionally important strategic links.

The predominantly shingle beach, characteristic of the north Kent coastline, acts as a dissipative barrier between the waves and the seawall. The western beach is largely groyned; however, the eastern section uses a rock revetment to defend the residential area behind. The primary defence for the most eastern section is the beach face itself, the secondary defence in the seawall. The long term plan is to continue protecting the developments including the residential, commercial, industrial and infrastructural assets.

No beach recycling 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)