



Figure 1: Management Unit 24 (Hastings)

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

The shingle beach at Hastings appears wide at high tide; however during low tide the beach exposes a sand foreshore. The beach hosts a seawall, promenade and groynes from Pelham Place Car Park west. The eastern section has a pocket beach, separated from the rest of the Management Unit by a concrete terminal structure, backed by a promenade. The beach is backed by sandstone cliffs along the majority of the frontage, which are easily erodible, providing a source of material to the beach. The town of Hastings is built on a series of low hills. The harbour arm is a key feature of this coastal landscape, acting as a main groyne retaining the beach in front of Carlisle Parade to the west. The structure also protects the harbour on the east side from the prevailing south westerly wave activity. The last maintenance works were conducted in the 1980s, and a new application for funding is currently underway for further maintenance in the forthcoming years.

Recycling events have been undertaken within this management unit in both 2009 and 2010. The 2009 works saw the maintenance and upgrading of the concrete terminal groyne structure at the east end of Rock-a-Nore Road, and the adjustment of planking on the three timber groynes between the pier and the main works site. The construction of a new rock groyne at Carlisle Parade; designed for easy ability to be raised when necessary. This section of coast is Hold the Line for the next 100 years (until Epoch 3).

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			
May	Recycling	5,000	Extraction from the western side of the Harbour Arm at Marine Parade
May	Recycling	5,000	Deposition at White Rock
2009			
April	Recycling	15,000	Extraction from the western side of the Harbour Arm at Marine Parade
April	Recycling	15,000	Deposition at White Rock

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