



**Figure 1: Management Unit 09 (Sandgate)**

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

This area is primarily low lying including amenity spaces Royal Military Canal and Hythe developments. The frontage is primarily shingle and backed by a seawall and promenade.

This area is linked to Hythe flooding and the western section is part of the vast Dungeness flood risk area. The Management Policy for the next 100 years is 'Hold the Line' due to the large urban settlements located within close proximity to the shoreline.

Previous maintenance works date back to 1991 when four rock groynes were constructed near the coastguard cottages at Sandgate. In 1995 two further rock groynes were constructed between Hythe and Sandgate and in 1996 a capital renourishment scheme was undertaken. Since then, the shingle ridge has been shown to narrow rapidly along the Hythe-Sandgate frontage.

No capital schemes have been undertaken since 2003, however the area is subject to regular recycling events.

## 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](http://www.channelcoast.org))

## Summary of Beach Operations

Date	Operation	Quantity (m <sup>3</sup> )	Location/Notes
<b>2010</b>			
March	Programmed Maintenance	4,530	Extraction between Profiles 4c00265 & 4c00266
March	Programmed Maintenance	4,530	Deposition between Profiles 4c00308 & 4c00316
March	Programmed Maintenance	3,140	Deposition between Profiles 4c00329 & 4c00331
March	Programmed Maintenance	3,140	Extraction between Profiles 4c00317 & 4c00320
March	Programmed Maintenance	6,130	Deposition between Profiles 4c00340 & 4c00341
March	Programmed Maintenance	6,130	Extraction between Profiles 4c00332 & 4c00334
<b>2008</b>			
October	Programmed Maintenance	5,570	Deposition between Profiles 4c00316 & 4c00308
October	Programmed Maintenance	5,570	Extraction between Profiles 4c00265 & 4c00266
October	Programmed Maintenance	8,070	Deposition between Profiles 4c00329 & 4c00331
October	Programmed Maintenance	8,070	Extraction between Profiles 4c00317 & 4c00320
October	Programmed Maintenance	4,200	Deposition between Profiles 4c00340 & 4c00341
October	Programmed Maintenance	4,200	Extraction between Profiles 4c00332 & 4c00334
June	Programmed Maintenance	3,620	Deposition between Profiles 4c00316 & 4c00308
June	Programmed Maintenance	3,620	Extraction between Profiles 4c00265 & 4c00266
June	Programmed Maintenance	5,400	Deposition between Profiles 4c00329 & 4c00331
June	Programmed Maintenance	5,400	Extraction between Profiles 4c00317 & 4c00320
June	Programmed Maintenance	2,580	Deposition between Profiles 4c00340 & 4c00341

Date	Operation	Quantity (m <sup>3</sup> )	Location/Notes
June	Programmed Maintenance	2,580	Extraction between Profiles 4c00332 & 4c00334
<b>2007</b>			
March	Programmed Maintenance	2,500	Deposition between Profiles 4c00316 & 4c00308
March	Programmed Maintenance	2,500	Extraction between Profiles 4c00265 & 4c00266
March	Programmed Maintenance	3,150	Deposition between Profiles 4c00329 & 4c00331
March	Programmed Maintenance	3,150	Extraction between Profiles 4c00317 & 4c00320
March	Programmed Maintenance	3,315	Deposition between Profiles 4c00340 & 4c00341
March	Programmed Maintenance	3,315	Extraction between Profiles 4c00332 & 4c00334
January	Programmed Maintenance	970	Extraction between Profiles 4c00263 & 4c00266
January	Programmed Maintenance	410	Deposition between Profiles 4c00317 & 4c00331
January	Programmed Maintenance	2,410	Extraction between Profiles 4c00317 & 4c00320
January	Programmed Maintenance	1,660	Deposition between Profiles 4c00340 & 4c00341
January	Programmed Maintenance	1,660	Extraction between Profiles 4c00332 & 4c00334
<b>2005</b>			
Oct	Programmed Maintenance	4,256	Deposition between Profiles 4c00316 & 4c00312
Oct	Programmed Maintenance	4,256	Extraction between Profiles 4c00265 & 4c00658
March	Programmed Maintenance	1,888	Extraction between Profiles 4c00335 & 4c00332
March	Programmed Maintenance	1,888	Deposition between Profiles 4c00341 & 4c00338
<b>2004</b>			
Dec	Programmed Maintenance	575	Deposition between Profiles 4c00269 & 4c00265
Dec	Programmed Maintenance	575	Deposition between Profiles 4c00316 & 4c001313
Dec	Programmed Maintenance	1,920	Deposition between Profiles 4c00341 & 4c00338
March	Programmed Maintenance	1,920	Extraction between Profiles 4c00335 & 4c00332
<b>2003</b>			
Sept	Programmed Maintenance	4,830	Extraction between Profiles 4c00272 & 4c00265
Sept	Programmed Maintenance	5,690	Deposition between Profiles 4c00316 & 4c00309
Sept	Programmed Maintenance	9,000	Extraction between Profiles 4c00323 & 4c00317
Sept	Programmed Maintenance	9,000	Deposition between Profiles 4c00343 & 4c00336

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