

SMP Policy Unit: 4d-MU8B

Survey Unit: 4dSU16

Goring-by-Sea to Lancing

Topographic Beach Profiles 4d00757A – 4d00886



Summary

The Goring-by-Sea to Lancing frontage is a southeast facing stretch backed by residential and commercial properties with Worthing town centre in the middle of the Unit. The frontage has a relatively narrow shingle beach and a gently sloping sandy lower foreshore. In the far east of the Unit, Brooklands Lake marks the mouth of a shallow relict river channel buried under silt and clay drift deposits. Beach material is retained by wooden groyne structures spaced at 35-50m, with rock groynes in the far east of the Unit. In November 2007, approximately 9,800m³ material was deposited in the far east of the Unit as part of the Lancing Emergency Replenishment Scheme.

Survey Regime

Survey type	Frequency	Survey extent
Topographic baseline	Annual	MLWN
Topographic interim profile	Annual	MLWN
Topographic post-storm	As Required	MLWN
Topographic Beach Management Plan	Annual	MLWN
Bathymetry	5 years	1km offshore
Ortho-photography	3 years	MLWS
Lidar	Rolling Programme	MLWN
Habitat Mapping	2 Years	As Required

Summary of beach operations

Date	Operation	Quantity (m ³)	Location/Notes
2018			
10/04/2018	Boat Ramp Clearance	974	Deposited between 4d00882 - 4d00886
09/04/2018	Boat Ramp Clearance	281	Deposited between 4d00826 - 4d00829
2017			
19/04/2017	Annual Clearance	248	Deposited between two groyne bays east of Worthing Pier (Profile Ref 4d00824 - 4d00825)
2015			
27/03/2015	Annual Clearance	611	Deposited 1/3 to profiles 4d00895 to 4d00897 and 2/3 to profiles 4d00900 and 4d00901
26/03/2015	Annual Clearance	528	Deposited 3/4 to profiles 4d00873 to 4d00876 & 1/4 to vicinity of profile 4d00881
24/03/2015	Annual Clearance	594	Deposited at profiles 4d00817 & 4d00818
2014			
07/03/2014	Annual Clearance	198	Deposited east of boat launching ramp
06/03/2014	Annual Clearance	330	Deposited immediately east of boat launching ramp (4d00882 to 4d00886)
04/03/2014	Annual Clearance	858	Deposited immediately east of boat launching ramp (4d00827 to 4d00830)
2007			
01/11/2007	Lancing Emergency Replenishment Scheme	9,800	Deposited between 4d00760 and 4d00763
2003			
26/03/2003	Beach Office Launching Ramp Clearance Scheme	734	Deposited at 4d00791

Full details of data availability and extents can be found on the Channel Coast Observatory Website (www.channelcoast.org)