

SMP Policy Unit: 4d-MU6

Survey Unit: 4dSU19

Elmer to Littlehampton Harbour Mouth

Topographic Beach Profiles 4d01080 – 4d01151



Summary

The Elmer to Littlehampton Harbour Mouth frontage is a southeast facing stretch backed by farmland in the western two-thirds and by vegetated sand dunes in the eastern third. The eastern extent of the Unit is Littlehampton Harbour Arm, which acts as a terminal groyne accumulating sand on the lower foreshore and shingle risings on the berm back and crest. Overspill of the shingle into the harbour mouth is periodically extracted to clear the waterway when required.

Survey Regime

Survey type	Frequency	Survey extent
<i>Topographic baseline</i>	5 years	MLWN
<i>Topographic interim profile</i>	Spring and Autumn	MLWN
<i>Topographic post-storm</i>	As Required	MLWN
<i>Topographic Beach Management Plan (Combined with Spring surveys)</i>	Annual	MLWN
<i>Bathymetry</i>	5 years	1km offshore
<i>Ortho-photography</i>	3 years	MLWS
<i>Lidar</i>	Rolling Programme	MLWN
<i>Habitat Mapping</i>	2 Years	As Required

Summary of beach operations

Date	Operation	Quantity (m ³)	Location/Notes
2018			
12/06/2018	Annual Clearance	4,860	Deposited between 4d01116 - 4d01136
2016			
07/11/2016	Annual Clearance	6,648	Deposited between 4d01116 and 4d01151
2015			
16/11/2015	Annual Clearance	13,245	Deposited between 4d01116 and 4d01151
2013			
04/11/2013	Annual Clearance	25,074	Deposited between 4d01109 and 4d01171A
2012			
31/10/2012	Annual Clearance	31,356	Deposited between 4d01109 and 4d01171A
02/02/2012	Annual Clearance	19,343	Deposited between 4d1111 and 4d1151
2004			
06/09/2004	River Arun Overspill Removal Scheme	2,070	Extracted from River Arun Harbour entrance

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