

SMP Policy Unit: 4d-MU5

Survey Unit: 4dSU20

Elmer

Topographic Beach Profiles 4d01152 – 4d01212



Summary

The Elmer frontage is a short south facing stretch, backed by residential properties in the western three-quarters and farmland in the eastern quarter. Elmer is defended by a set of eight detached offshore rock breakwaters, and as such the shoreline morphology is dominated by characteristic undulating sand tombolos in the lee of the structures. The orientation of the coast changes from south to southeast in the centre of the Unit, coinciding with a wider spacing between the breakwaters and a rock revetment at the back of the beach.

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

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
2016			
05/12/2016	Emergency Works, post Storm Angus	1,332	Deposited between 4d01153 - 4d01167
19/02/2016	Emergency Works, post Storm Imogen	3,344	Deposited between 4d01161 and 4d01167
2015			
16/11/2015	Annual Clearance (Extracted from 4dSU19)	225	Deposited between 4d01161 and 4d01167
2013			
04/11/2013	Annual Clearance (Extracted from 4dSU19)	25,074	Deposited between 4d01109 and 4d01171A
2012			
31/10/2012	Annual Clearance (Extracted from 4dSU19)	31,356	Deposited between 4d01109 and 4d01171A

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