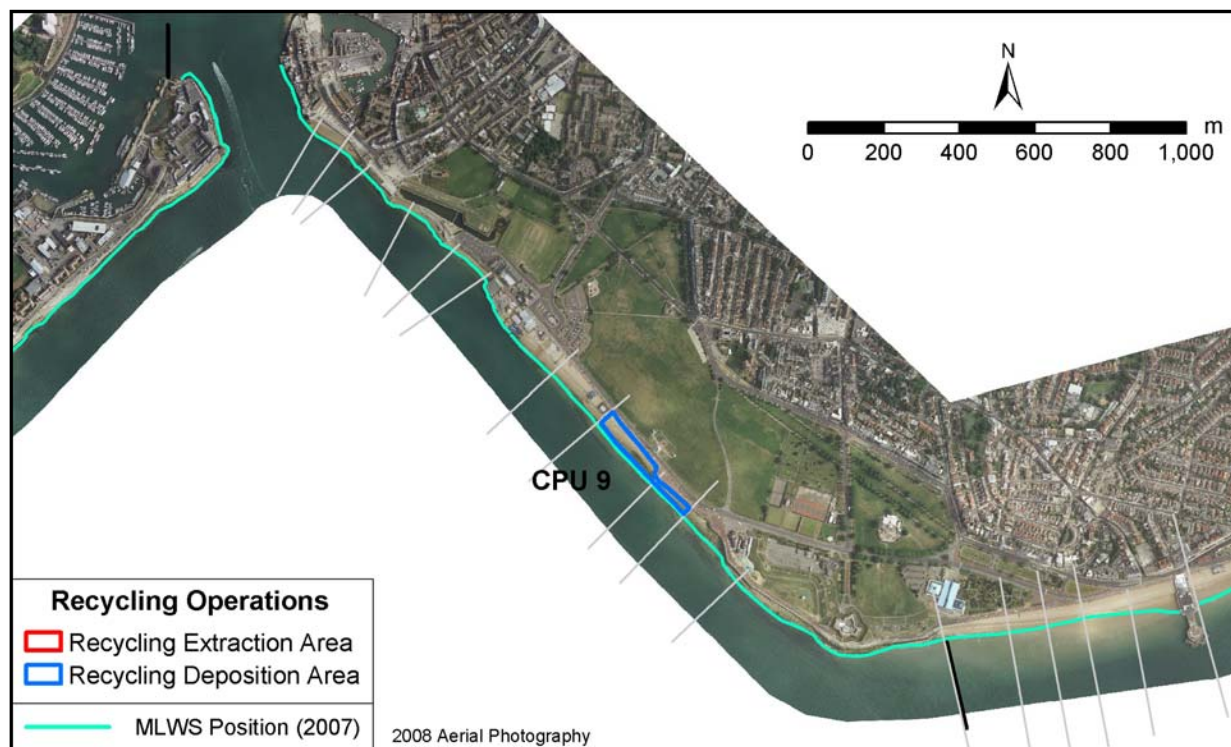


Policy Unit: 5a CPU9

Southsea Castle to Portsmouth Harbour Entrance

Topographic Beach Profiles 5a00513 – 5a00562



Summary

At the entrance to Portsmouth Harbour there are several isolated narrow shingle beaches that shelve steeply into the entrance channel. Eastwards beyond Clarence Pier, the beaches become wider and are fronted in places by a narrow intertidal foreshore. In front of Southsea Castle there is little beach above MLWS. This entire frontage is protected by concrete and masonry sea walls, revetments and rock armour.

Survey Regime

Survey type	Frequency	Profile spacing/survey extent
<i>Topographic baseline</i>	5 years	50m to MLWS
<i>Topographic interim profile</i>	Spring & Autumn	100 - 200m to MLWS
<i>Bathymetry</i>	5 years	50m profiles, MLWN to 1km offshore
<i>Ortho-photography</i>	5 years	MLWN
<i>Non-rectified aerial photography</i>	Annual	MLWN
<i>Lidar</i>	Annual	MLWN
<i>Habitat mapping</i>	5 Years	Extent of aerial photography

Summary of beach operations

In October 2006 there was a small shingle beach nourishment of 3,500m³ placed between profiles 5a00535 and 5a00530 in order to increase the amenity value of this recreational beach.

Date	Operation	Quantity (m ³)	Location/Notes
2006			
06/10/2006	Localised shingle beach re-nourishment	3,500	Placed between profiles 5a00535 and 5a00530