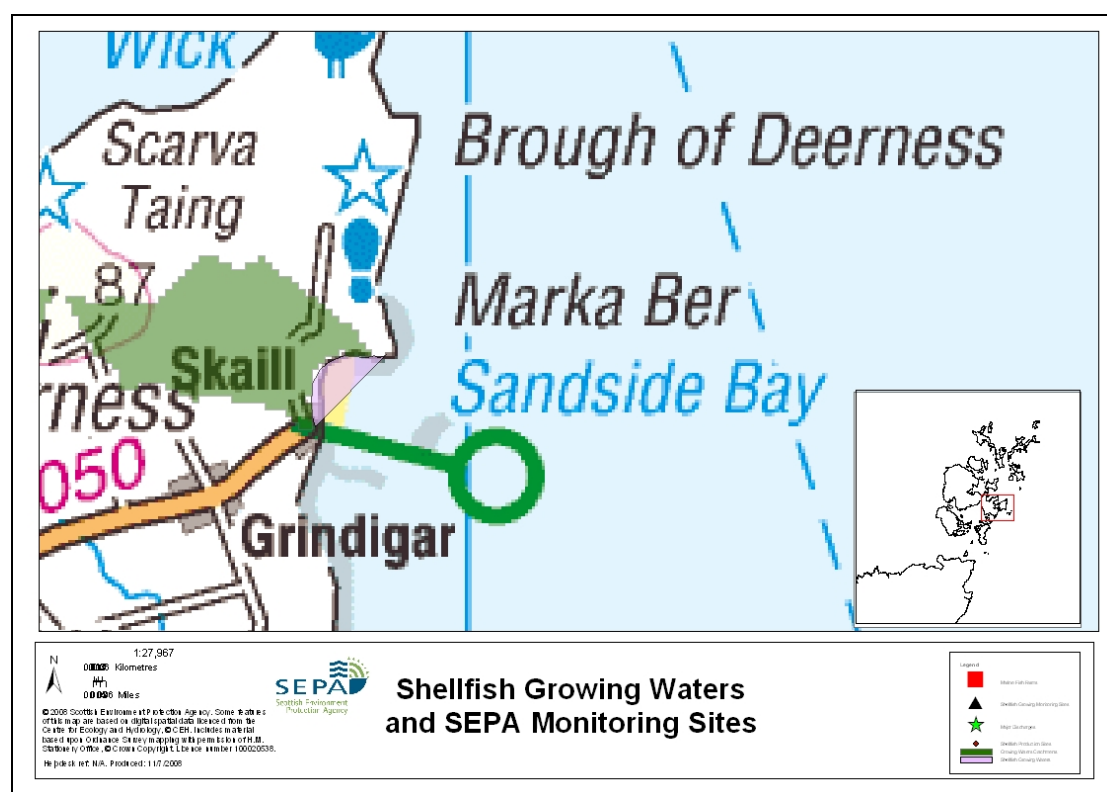


## 94 Sandside Bay, Deerness



<b>Name</b>	Sandside Bay	
<b>Report Reference No.</b>	94	
<b>WFD Code</b>	UKS7992394	
<b>Location Information</b>	An area inshore of a line drawn between HY 588 064 and HY 594 070 and extending to MLWS.	
<b>Designated Area (Km<sup>2</sup>)</b>	0.2	
<b>Year of Designation</b>	2002	
<b>Sampling Points</b>	Sandside Bay	HY5896106890
<b>Commencement of Monitoring</b>	2003	

### 94.1 Commercial Shellfish Interests

There are no known shellfish production activities in the designated area.

### 94.2 Bathymetric Information

Lying off the east side of mainland Orkney, Sandside Bay is exposed to easterly winds. The topography of the area suggests enclosure by rugged rock formations. It has a length of about 0.75km and a depth of approximately 7m. There are no morphological pressures on the waters.

### 94.3 Conservation Designations

There are no designated conservation areas in or around Sandside Bay.

### 94.4 Topography And Land Use – Potential Diffuse Pollution Sources

The land bordering the designated area is of semi-natural coastal habitat. Beyond this, in land, lies improved pasture, with pockets of semi-natural grasslands. The designated water covers only a small area, and the freshwater inputs are restricted to small springs and drainage channels from the pasture inland. These drainage channels constitute the only diffuse pollution source to the designated area. None of the freshwater inputs are monitored by SEPA.

### 94.5 Point Source Discharges

There are no point source discharges from public sewage systems to the designated area, nor for more than 2km of coastline outside of the area. There may be private sewage discharges from the two houses in the Bay.

Trade effluent is discharged to the designated area from a pump ashore fish hatchery.

	Name	Consent No.	Treatment	NGR	Additional Information
Industrial	Orkney Marine Hatcheries	CAR/L/1001930		HY59142 06973	

There are no fish farms in or around the designated area or within a distance of at least 2km.

### 94.6 Compliance Monitoring Regime

Year	Monitoring Regime
2005 -	<ul style="list-style-type: none"><li>No longer monitored due to absence of mussels</li></ul>

This monitoring regime of the designated area was implemented in July 2005.

### 94.7 Compliance History

Year	Compliance History for Waters and Biota, Excluding Faecal Coliforms Data			Compliance History for Faecal Coliforms
	Overall Result	Imperative	Guideline	Guideline
2003	Pass	Pass	Pass	Fail
2004	Pass	Pass	Pass	*
2005	Pass	Pass	Pass	*
2006	Pass	Pass	Pass	*
2007	Pass	Pass	Pass	Pass

\* No mussels could be found on the shores of the designated area in 2004 and, consequently, no data for Faecal Coliforms, metals or organohalogen substances in

mussel flesh and intervalvular waters have been obtained. Sampling will resume if populations return.

Two samples were analysed for Faecal Coliforms in 2003, one of which gave a result above the Guideline standard.

#### **94.8 Future Monitoring Recommendations**

The monitoring regime as described in section 6 will be followed. In the event of any chemistry parameter failing to meet any EQS, the site will be revisited and re-sampled for the failed parameter.

#### **94.9 Improvement Actions**

There are currently no improvement actions planned for this area.

#### **94.10 Summary of Actions**

<b>Action</b>	<b>Deadline</b>
No improvement actions currently planned.	