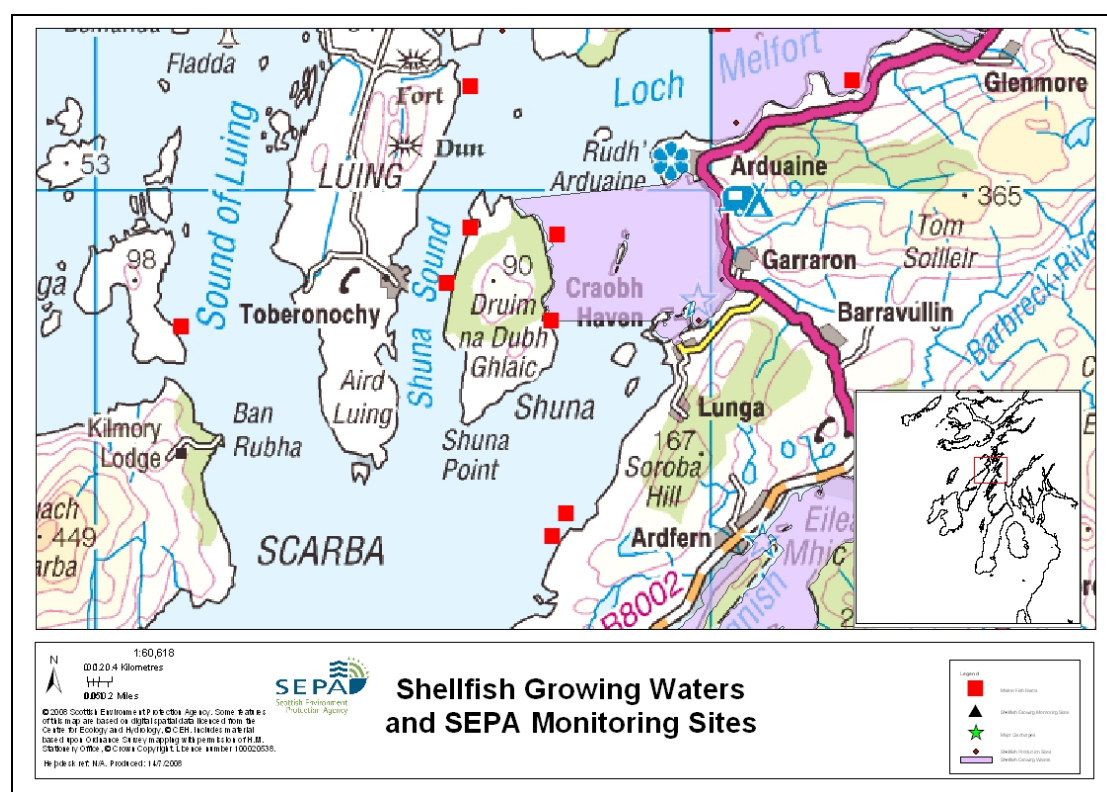


## 109 Askinish Bay (Shuna)



<b>Report Reference No.</b>	109
<b>Name</b>	Askinish Bay (Shuna)
<b>WFD Code</b>	UKS79923109
<b>Location Information</b>	An area bounded by lines drawn from (NM) 176807, 709867 to (NM) 179253, 710112 and from (NM) 177301, 707899 to (NM) 179030, 707903, and extending to MHSW. This designation supersedes existing SWD site at Shuna.
<b>Designated Area (Km<sup>2</sup>)</b>	6.3
<b>Year of Designation</b>	2002
<b>Sampling Points</b>	Shuna NM 77296 09550
<b>Commencement of Monitoring</b>	2003

Formally site 95, designation modified in 2005

### 109.1 Commercial Shellfish Interests

There is no known commercial shellfish production within the designated water. Within 3 km of Shuna is the Shellfish Designated Water of Loch Melfort.

### 109.2 Bathymetric Information

Located between northern Shuna and Craobh Haven this small stretch of water is approximately 1.5km in length and extends to Eilean Creagach. The surrounding

landmass shelters the area from prevailing winds and at its maximum has a depth of around 66m. There are no morphological pressures on the site.

### 109.3 Conservation Designations

There are no conservation areas within the catchment, or within 2km of the designated water.

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

The land around the designated area is of semi-natural woodlands and semi-natural grassland, with a small area of improved pasture around Shuna House. Agriculture on the island is limited to sheep grazing during the summer months. The island of Shuna has a very low population and no public roads. There are two minor freshwater inputs to the designated area. There are no known discharges to either watercourse and both streams are considered to be of at least good quality, although neither is monitored by SEPA.

Within 2 kms of the designated water are the small mainland communities of Arduaine and Craobh Haven. Craobh Haven has a marina that is a popular destination for yachts during the summer months.

### 109.5 Point Source Discharges

There are no consented discharges to the designated area from public sewage systems or private septic tanks. Within 3 km of the designated area there are a number of consented discharges serving small tourist developments and private housing. There may be unconsented discharges of raw sewage or septic tank effluent within 2km of the designated area but no complaints connected with any such discharges have been received by SEPA.

There is one marine cage fish farm within the designated water. A further two fish farms lie within 2 kilometres, and have a combined consented biomass of 1750 tonnes.

There are no other industrial discharges within the shellfish water catchment area or within a distance of at least 2 kilometres.

Name	Category	CAR Authorisation	NGR	Biomass (t)
Castle Bay	Marine Cage Fish Farm	CAR/L/10000801	NM 775 093	300

### 109.6 Compliance Monitoring Regime

Year	Monitoring Regime
2005-	<ul style="list-style-type: none"> <li>• Quarterly for Sal, DO, pH, temperature, visible oil</li> <li>• Every three years for metals and organohalogens in mussels, next scheduled collection 2008</li> <li>• Quarterly for faecal coliforms in mussels</li> </ul>

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

### 109.7 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	Pass
2005	Pass	Pass	Pass	Pass
2006	Pass	Pass	Pass	Fail
2007	Pass	Pass	Pass	Pass

The waters failed to comply with the Guideline standard for faecal coliforms in 2003, 2006 and 2007.

### 109.8 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.

### 109.9 Improvement Actions

There are currently no improvement actions planned for this area.

### 109.10 Summary of Actions

Action	Deadline
No improvement actions currently planned.	