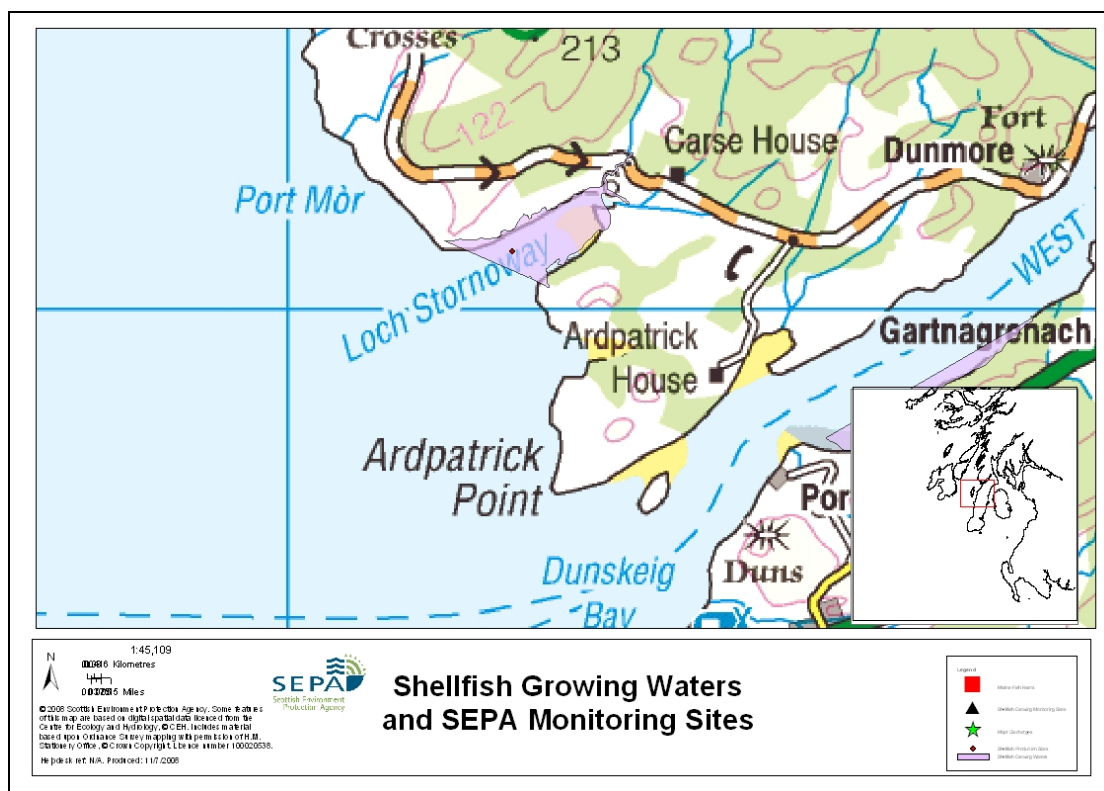


88 Loch Stornoway, Knapdale



Name	Loch Stornoway, Knapdale	
Report Reference No.	88	
WFD Code	UKS7992388	
Location Information	The shellfish designated water of Loch Stornoway, is an area bounded by lines drawn between NR 731 603 (Rubha na Lugain) and NR 719 608 (Rubha Cruitiridh).	
Designated Area (Km²)	1.0	
Year of Designation	2002	
Sampling Points	Loch Stornoway	NR 73426 61280
Commencement of Monitoring	2003	

88.1 Commercial Shellfish Interests

The growing water is not classified for commercial production but there is production at a single unit in the designated water.

88.2 Bathymetric Information

This small loch in Knapdale has boundaries from Rubha Cruitiridh to Rubha na Lugain giving an overall length of 2km with a depth of 8m. The loch is very exposed to prevailing south-westerly winds. There are no morphological pressures on the waters.

88.3 Conservation Designations

The following conservation areas are within the catchment or within 3kms of the designated water:

Designation	Site	Reason
SSSI	Kilberry Coast	Biological
SSSI	Ardpatrick and Dunmore	Mixed
SAC	Tarbert Woods	

For further information, follow the links to the websites below.

http://gateway.snh.gov.uk/portal/page?_pageid=53,854555,53_854604&_dad=portal&_schema=PORTAL&PA_CODE=841

http://gateway.snh.gov.uk/portal/page?_pageid=53,854555,53_854604&_dad=portal&_schema=PORTAL&PA_CODE=78

<http://www.jncc.gov.uk/ProtectedSites/SACselection/sac.asp?EUCode=UK0030286>

88.4 Topography And Land Use – Potential Diffuse Pollution Sources

Loch Stornoway receives one significant freshwater inflow from a catchment of approximately 26 square kilometres, the majority of which is managed coniferous forest. The major freshwater input, Abhainn Learg an Uinnsinn, is classified by SEPA as being of excellent quality.

The remainder of the area is predominantly moorland with the agriculture on the one known farm restricted to extensive sheep production. There are no significant communities in the area, but there is scattered housing along the minor road.

88.5 Point Source Discharges

There are no known or consented discharges from sewers or sewage treatment works to the designated water or to the watercourses within the catchment. There are no known septic tank discharges from individual households to the designated water.

There are no fishfarms and no known industrial discharges within at least 2km of the designated area.

88.6 Compliance Monitoring Regime

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

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

88.7 Compliance History

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

The waters have consistently failed to comply with the Guideline standard for faecal coliforms since 2003.

A single sample in 2003 gave a result below the Guideline minimum standard for salinity. There are no anthropogenic inputs to the area that could account for a drop in salinity to such levels. The result is almost certainly due to a combination of low tide and high run off from rainwater affecting the sampling site at the time of sampling, and is not representative of the salinity of the designated area as a whole. This being a natural phenomenon, no measures will be taken, in accordance with Article 7(3) of the Directive.

The Guideline standard for arsenic was exceeded in a shellfish sample collected in 2004. This was not repeated in 2005.

88.8 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.

88.9 Improvement Actions

There are currently no improvement actions planned for the area.

88.10 Summary of Actions

Action	Deadline
No improvement actions currently planned.	