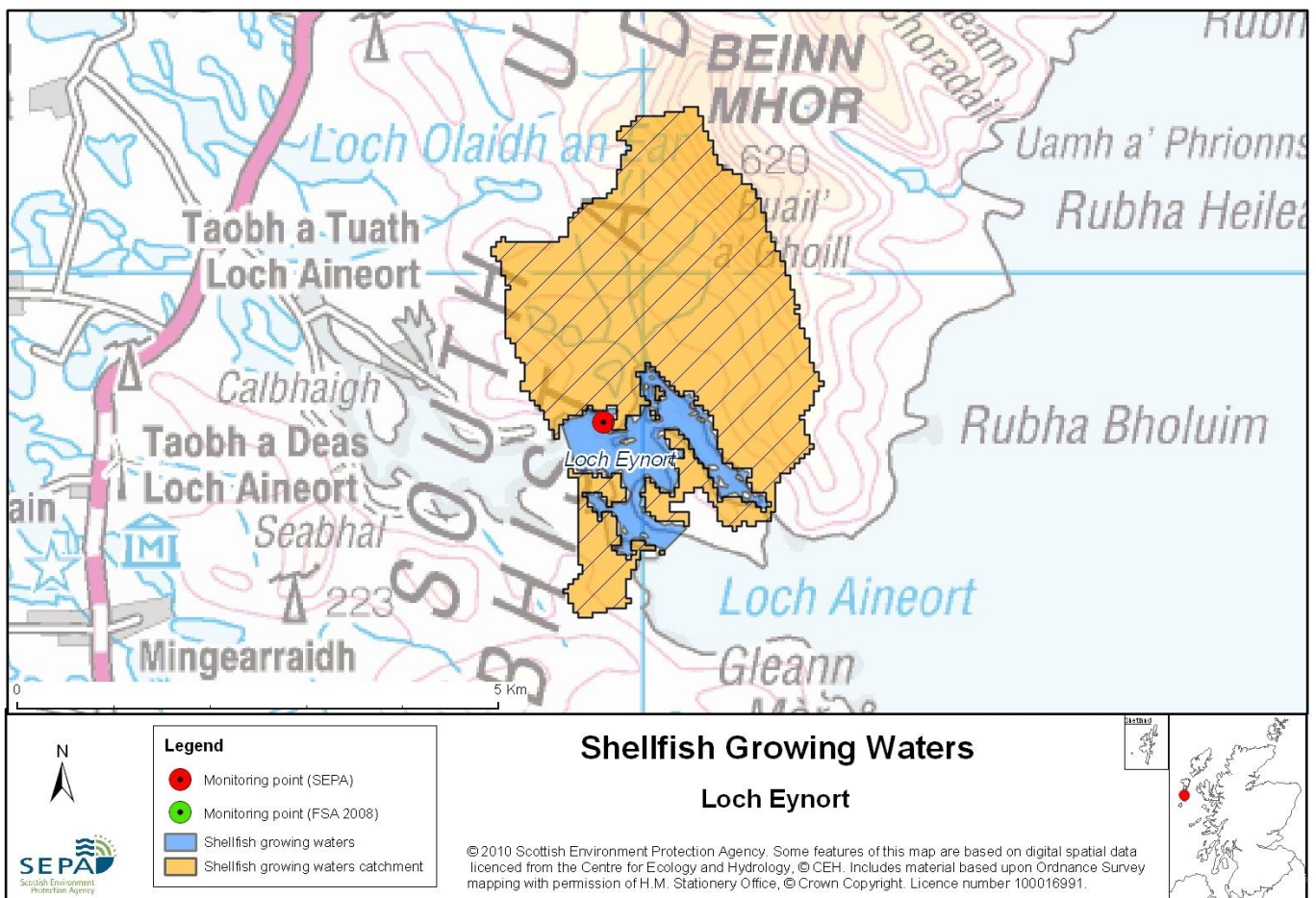


## 70 Loch Eynort



Name	Loch Eynort
Report Reference Number	70
WFD Code	UKS7992370
Local Information	An area bounded by lines drawn between NF7916428409 and NF7931627953, and between NF8023027130 (Rubha Lailum) and NF8044827348 and extending to MHWS
Designated Area (km <sup>2</sup> )	1.28
Year of Designation	2002
Sampling Points	Loch Aineort, Western Isles - NF 79600 28450
Commencement of Monitoring	2003

## 70.1 Commercial Shellfish Interests

The growing waters are not currently classified for commercial shellfish production.

For more information on Food Standards Agency Classification please visit:

<http://www.food.gov.uk/scotland/safetyhygienescot/shellmonitorscot/shellclassesscot/>

## 70.2 Bathymetric Information

Loch Eynort is situated on the island of South Uist in the Outer Hebrides. It has a south east aspect and is sheltered from the south west winds. The loch has a total length of 4.3km, the growing area is approximately 2.5km. The catchment area is 34km<sup>2</sup> and has a maximum water depth of 18m.

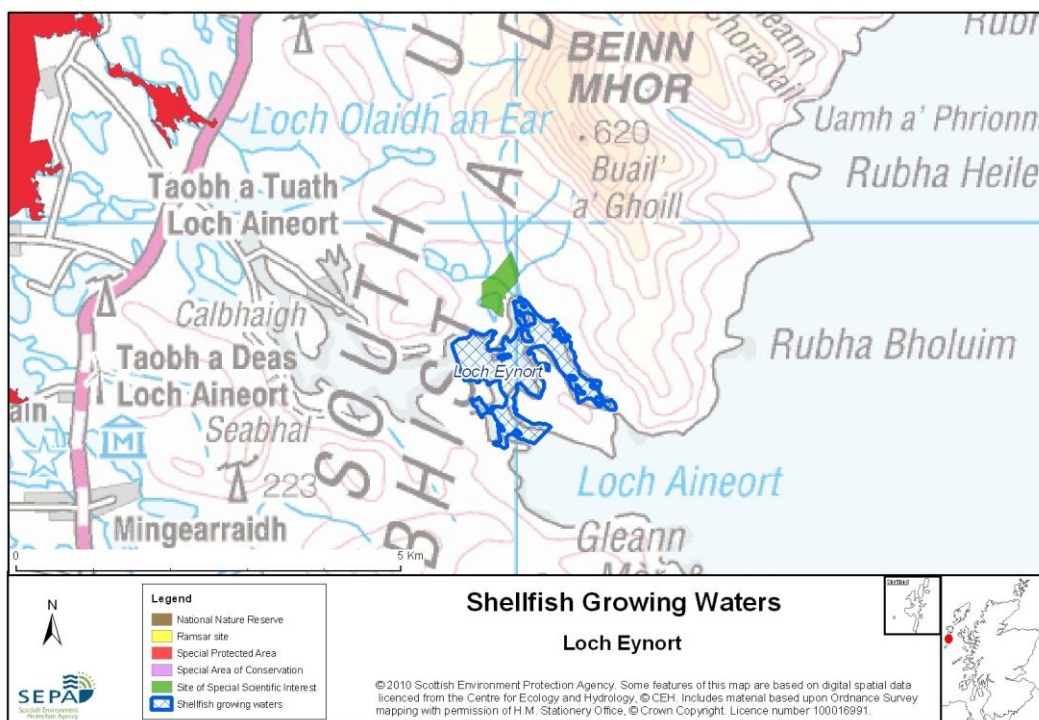
The loch has five sills which divide the loch into six water areas or basins. The first two sills are located to the west of the Meall Mor headland, the third sill is at the north tip of Meall Mor. The fourth and fifth sills are located mid loch at Rubha na Riosgaidh h-Eighich. Maximum water depths in each basin range from 6m-18m.

Fresh/tidal flow ratio indicates a salinity reduction of 0.3 ppt, indicating a low freshwater input to the loch. There are no morphological pressures on the waters.

## 70.3 Conservation Designations

### Sites of Special Scientific Interest (SSSI) – [Allt Bholagair](#)

Designated 27/01/1984 for habitats (upland blanket bog, Dystrophic and oligotrophic loch type's present, upland mixed ash woodland)



## 70.4 Topography and Land Use – Potential Diffuse Pollution Sources

Loch Eynort is mainly surrounded by heather moorland with some rough, rocky ground, blanket bog and some improved pasture. There is also a small area of deciduous woodland, particularly around the designated shellfish growing area. There are no roads or dwellings on the shores of the designated area, and very few around the whole Loch. There are several minor freshwater inputs to the Loch, three of which flow directly into the designated area. SEPA does not monitor these freshwater inputs but they are assumed to be of good environmental quality since the population density is very low and there is no intensive land use in the area.

SEPA has two diffuse source pollution pressures assigned for this Shellfish Waters, for livestock farming and sewage disposal. Bacterial Source tracking may be required to verify the source(s) of this diffuse pollution.

## 70.5 Point Source Discharge

There are no discharges from public sewage systems, or from industrial operations, within at least 2km of the designated area. The only sewage related inputs to the loch come from single-house discharges.

Eilean Risgay Fishfarm lies within the designated shellfish growing water. This is the only fish farm in the Loch.

Name	Category	Authorisation No.	NGR	Biomass (t)
Eilean Risgay	Fish farm	WPC/N/0012862*	NF 801 285	20

\*No CAR authorisation as yet.

SEPA does not have point source pollution pressures causing downgrades recorded for this shellfish water.

## 70.6 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 collection scheduled for 2011</li><li>• Quarterly for faecal coliforms in mussels</li></ul>

## 70.7 Compliance History

UKS7992370 - Loch Eynort				
	Compliance history for Waters and Biota, excluding faecal coliforms data			Compliance history for faecal coliforms
Year	Overall Result	Imperative	Guideline	Guideline
2003	Pass	Pass	Pass	Pass
2004	Pass	Pass	Pass	Fail
2005	Pass	Pass	Pass	Pass
2006	Pass	Pass	Pass	Pass
2007	Pass	Pass	Pass	Fail
2008	Pass	Pass	Pass	No Data
2009	Pass	Pass	Pass	Pass
2010	Pass	Pass	Pass	Pass

Of the six samples analysed for Faecal Coliforms in 2003 and 2004, two gave results above the Guideline standard. The waters complied with the Guideline standard in 2005 and 2006 but failed again in 2007. There was no data available for 2008 and the site passed in 2009 and 2010.

## 70.8 Future Monitoring

The monitoring regime (70.6 Compliance Monitoring Regime) will be followed. In the event of any chemistry parameter failing to meet any EQS, the site will be revisited and resampled for the failed parameter.

## 70.9 Improvement Actions

There are currently no improvement actions planned for this area.

## WFD Objectives

Under the Water Framework Directive, the target objectives expect this shellfish water to Pass by 2015 (first River Basin Management Plan Cycle) for Imperative Shellfish Growing Standards with high confidence. The Guideline Shellfish Growing Water Standards are also predicted to pass by 2015 but with low confidence.

<b>Objective</b>	<b>First Cycle 2015</b>	<b>Confidence</b>	<b>Second Cycle 2021</b>	<b>Confidence</b>	<b>Third Cycle 2027</b>	<b>Confidence</b>
Imperative Shellfish Growing Waters Standard	Pass by 2015	High	Pass by 2021	High	Pass by 2027	High
Guideline Shellfish Growing Waters Standard	Pass by 2015	Low	Pass by 2021	Low	Pass by 2027	Low

### 70.10 Summary of Actions

<b>Action</b>	<b>Deadline</b>
No improvement actions currently planned.	None