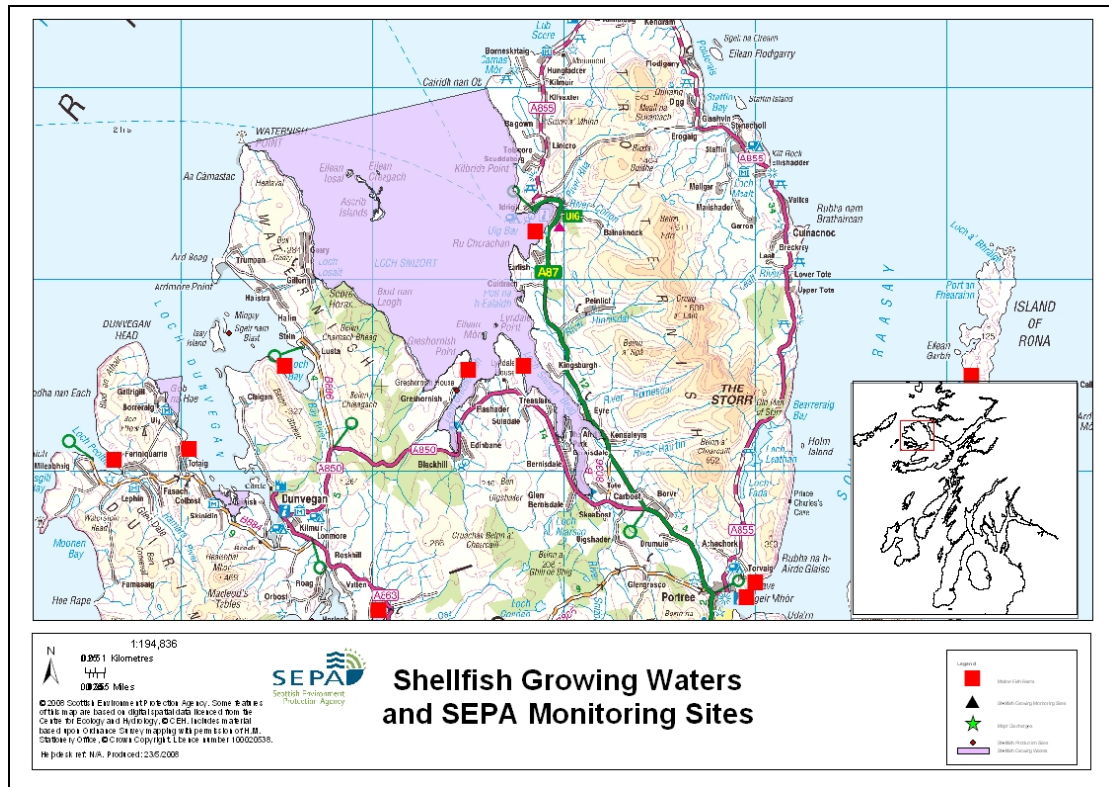


## 66 Loch Dunvegan North



<b>Name</b>	Loch Dunvegan North	
<b>Report Reference No.</b>	66	
<b>WFD Code</b>	UKS7992366	
<b>Location Information</b>	An area bounded by lines drawn between NG 185 548 and NG 200 550 and between NG 200 550 and NG 198 528.	
<b>Designated Area (Km<sup>2</sup>)</b>	1.6	
<b>Year of Designation</b>	2002	
<b>Sampling Points</b>	Loch Dunvegan North	NG 19297 53619
<b>Commencement of Monitoring</b>	2003	

### 66.1 Commercial Shellfish Interests

There is no known commercial shellfish production in the designated water.

### 66.2 Bathymetric Information

Loch Dunvegan is situated on the north west coast of the Isle of Skye. It has a north west aspect and is exposed to the north west winds but sheltered from the south west winds.

The loch has a total length of 10.4km. The inner growing area at Uiginish Point (south of loch) has an approximate length of 1.5km and the outer growing area at Gob na Hoe (north west of loch) is approximately 2km in length. The loch's catchment area is 94km<sup>2</sup> and has a maximum water depth of 119m. The loch has no sills or basins.

As a whole the loch takes 9 days to flush and fresh/tidal flow ratio indicates a salinity reduction of 0.1 ppt, indicating a low freshwater input to the loch. There are no morphology pressures in the waters.

### **66.3 Conservation Designations**

The Ascib, Isay and Dunvegan SAC is a complex of skerries, islets, undisturbed mainland shores and offshore islands that is host to around 2% of the UK Common Seal population. The SAC extends to within 500m of the designated area. For further information, follow the link to the website below.

<http://www.jncc.gov.uk/ProtectedSites/SACselection/sac.asp?EUCode=UK0030230>

### **66.4 Topography And Land Use – Potential Diffuse Pollution Sources**

The land around the designated area is of improved pasture. Sheep farming on this land constitutes the principal source of diffuse pollution to the designated area. A minor road runs within 500m of the coastline, along the edge of the designated area, linking a number of houses.

Freshwater inputs to the designated area are limited to minor streams. All of these are considered to be of at least good quality on account of the limited environmental pressures put on them, although none are monitored by SEPA.

### **66.5 Point Source Discharges**

There are no consented discharges from public sewage systems or industrial operations. Point source discharges to the designated area are limited to a small number private septic tank outlets. There are no larger discharges within at least 2km of the designated area.

There are no fish farms within the designated area, although there is one fish farm at a distance of 2km, with a consented biomass of 750 tonnes.

### **66.6 Compliance Monitoring Regime**

<b>Year</b>	<b>Monitoring Regime</b>
2005 -	<ul style="list-style-type: none"><li>• No longer monitored, absence of mussels at site.</li></ul>

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

## 66.7 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	Pass	*
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 and, consequently, no data for Faecal Coliforms, metals or organohalogen substances in mussel flesh and intervalvular waters have been obtained for years 2003 to 2005.

Although no mussels were located within the designated area, the northern part of Loch Dunvegan has been used in the past to harvest scallops. The bacteriological quality of the scallops from that area was consistently high, receiving an A classification by SOAFD. The area ceased to be classified under Directive 91/492/EEC in 2000, but the quality is not expected to have deteriorated since then. Concentrations of metals and organohalogenated substances in water samples from the area are all well below the standards required of the Directive.

Furthermore, concentrations of metals and organohalogenated substances in mussels collected from the nearby Shellfish Growing Water of Loch Dunvegan South are all below the standards required of the Directive.

## 66.8 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.

## 66.9 Improvement Actions

There are currently no improvement actions planned for this area.

## 66.10 Summary of Actions

Action	Deadline
No improvement actions currently planned.	