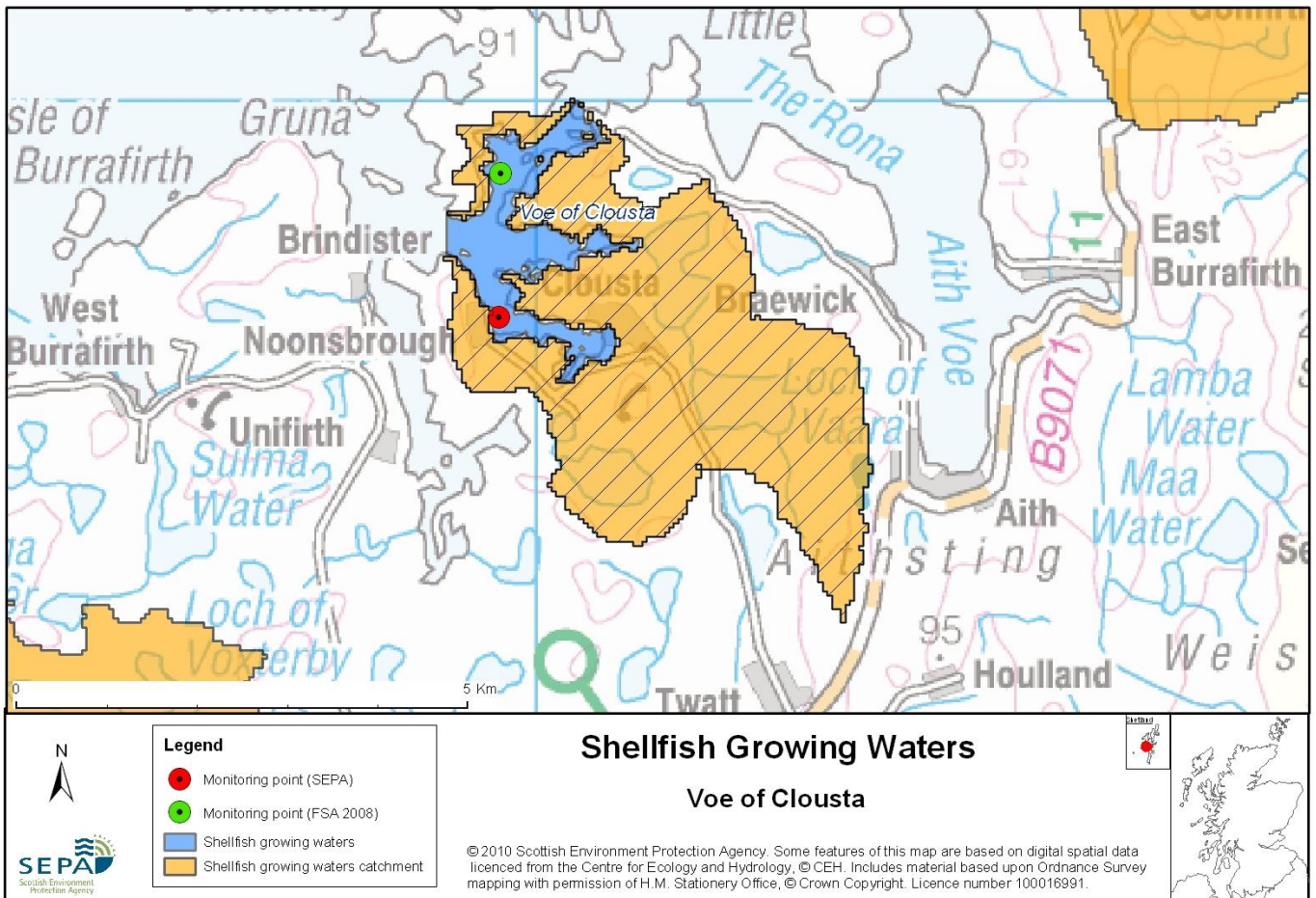


## 102 Voe of Clousta



Name	Voe of Clousta
Report Reference Number	102
WFD Code	UKS79923102
Local Information	An area bounded by line drawn between HU3044159992 and HU3047359992 and between HU2901658753 (Green Point) and HU2901658290, and extending to MHWS.
Designated Area (km <sup>2</sup> )	1.95
Year of Designation	2002
Sampling Points	Voe of Clousta Mussel Site (From July 2003) - HU 29600 57600
Commencement of Monitoring	2003

## 102.1 Commercial Shellfish Interests

Voe of Clousta is part of a larger area designated by the Food Standards Agency (FSA) Brindister Voe, which is classified for the production of Common mussels (*Mytilus edulis*).

Brindister Voe (common mussels)  
2011 = A - April to December  
2012 = A - January to March

Uyea Sound is situated just northeast of Voe of Clousta and is also designated by FSA for the production of Common mussels. Uyea Sound was a new designated production area for 2010 – 2011. Swarbacks Minn: Uyea Sound was a new production area for Common mussels in 2011.

Uyea Sound: Cow Head (Common mussels)  
2011 = A - April to December  
2012 = A - January to March

Swarbacks Minn: Uyea Sound: (Common mussels)  
2011 = A - April to December  
2012 = A - January to March

Vementry North is a Shellfish Harvesting Area northwest of Voe of Clousta. Vementry North is classified by the FSA for the production of Common mussels at three sites (Suthra Voe, Suthra Voe West and Treawick)

Vementry North: All sites (Common mussels)  
2011 = A - April to December  
2012 = A - January to March

Vementry South is Shellfish Harvesting Area west of Voe of Clousta. Vementry North is classified by the FSA for the production of Common mussels at five sites (Clousta Voe – Noonsbrough, Cribba Sound, North Voe of Clousta, Seggi Bight, Longaness

Vementry South: All sites (Common mussels)  
2011 = A - April to December  
2012 = A - January to March

Vementry Braga Ness is a new production area for Common Mussels in 2011.

Vementry Braga Ness (Common mussels)  
2011 = A - April to December  
2012 = A - January to March

Category A sites are of the highest standard and means that shellfish can go directly for human consumption however category B requires that shellfish must be deputed, heat-treated or re-laid prior to human consumption.

The FSA have not carried out a sanitary survey for Brindister Voe (including Voe of Clousta). For more information on Food Standards Agency Classification please visit: <http://www.food.gov.uk/scotland/safetyhygienescot/shellmonitorscot/shellclassesscot/>

## 102.2 Bathymetric Information

On mainland Shetland, the shellfish growing water at Voe of Clousta is a complex body of water with 3 branches including the Cribba Sound in the northeast (approx max. depth 31m), North Voe of Clousta (approx. max. depth 14m) and the Voe of Clousta. The area is sheltered from prevailing winds by surrounding landmasses.

There are morphological pressures on the waters from commercial fishing.

## 102.3 Conservation Designations

There are four FSA Shellfish Harvesting Areas sharing this area, or surrounding the Voe of Clousta Shellfish Water.

Northeast is East of Burki Taing, Muckle Roe ([UKS79923119](#)) Shellfish Water which also contains five separate smaller Shellfish Harvesting Areas, designated by the Food Standards Agency (FSA). There are also four other FSA Shellfish Harvesting Areas just outside this Shellfish Water designation.

### Special Area of Conservation (SAC) – [The Vadills](#)

Designated 17/03/2005 for inshore marine sublittoral sediment – lagoons

### Sites of Special Scientific Interest (SSSI) – [The Vadills](#)

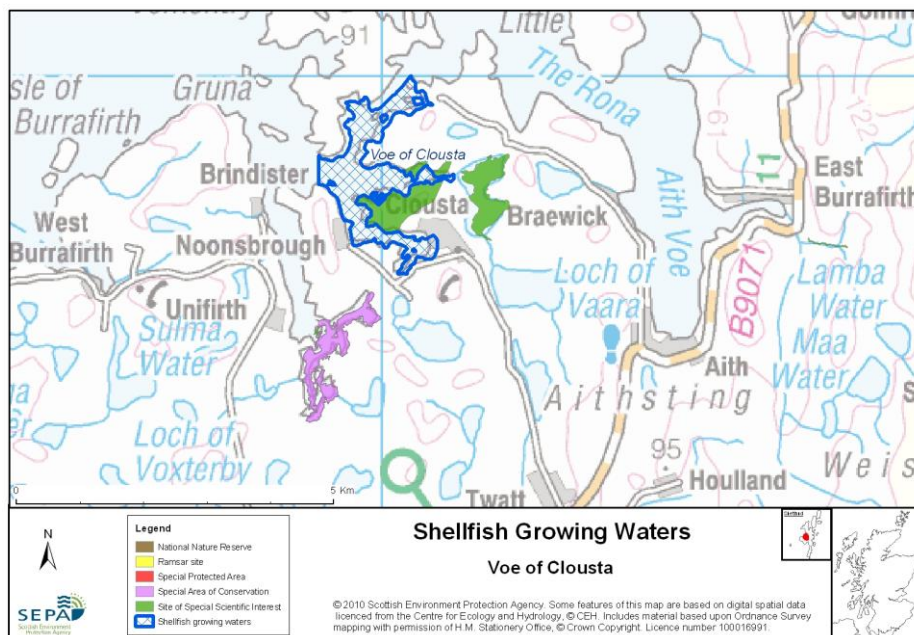
Designated 17/01/1997 for habitat (inshore marine sublittoral sediment – saline lagoon and inshore marine sublittoral rock – tidal rapids) and species (Egg wrack (*Ascophyllum nodosum ecad mackaii*))

### Sites of Special Scientific Interest (SSSI) – [Ness of Clousta - The Brigs](#)

Designated 29/09/1989 for igneous petrology (Old Red Sandstone Igneous)

### Sites of Special Scientific Interest (SSSI) – [Loch of Clousta](#)

Designated 19/07/1983 for Inland rock, Tall herb ledge



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

The designated area consists of two inlets and a channel and the waters of their junction. The surrounding land is mainly of semi-natural grasslands and of rough, rocky ground. The southern inlet is populated by several houses associated with the settlement of Clousta. Housing around the other two inlets and the junction waters is minimal.

The two main freshwater inputs drain the lochs of Clousta and Vaara and Clings Water, the feed waters of which cover a large area of sheep farming.

#### 102.5 Point Source Discharge

The only discharges to the designated area, and within at least 2km of the area, come from private house septic tanks and one small shellfish depuration unit.

There is one fish farm within the designated shellfish growing water with a consented biomass of 995 tonnes. There are six more fish farms within 3km of the designated area with a combined consented biomass of 4643 tonnes.

Category	Name	Consent No.	NGR	Biomass (t)	Additional Information
Fish Farm	Brindister Crossroads	CAR/L/1003878	HU 2950 5850	995	-

#### 102.6 Compliance Monitoring Regime

Site	Current Monitoring	Comments
Voe of Clousta	<ul style="list-style-type: none"> <li>Quarterly for faecal coliforms in mussels</li> <li>Once every three years for metals and organohalogens in mussels</li> </ul>	<ul style="list-style-type: none"> <li>Sampled by the FSA</li> </ul>

#### 102.7 Compliance History

UKS79923102 - Voe of Clousta				
	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	Fail
2004	Pass	Pass	Pass	Fail
2005	Pass	Pass	Pass	Fail
2006	Pass	Pass	Pass	Pass
2007	Pass	Pass	Pass	Pass

2008	Pass	Pass	Pass	Pass
2009	Pass	Pass	Pass	Pass
2010	Pass	Pass	Pass	Pass

The waters complied with the guideline standard for faecal coliforms since 2006.

### 102.8 Future Monitoring

The monitoring regime (102.6 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.

Samplers are asked to identify any evidence of visible harm to the shellfish population at the site.

### 102.9 Improvement Actions

There are no improvement actions planned for this designated Shellfish Water.

### 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 and Guideline Shellfish Growing Water Standards, with high confidence.

Objective	First Cycle 2015	Confidence	Second Cycle 2021	Confidence	Third Cycle 2027	Confidence
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	High	Pass by 2021	High	Pass by 2027	High

### 102.10 Summary of Actions

Action	Deadline
No improvement actions required	N/A