

Case No: 2022-0500 Date of visit: 13/10/2022

Time spent on site: 5 hrs Main Inspector:

Site No: FS0767 Site Name: Tarbert South
Business No: FB0169 Business Name: The Scottish Salmon Company

Case Types: 1 REP 2 3 4 5 6

Water Temp (°C): 12.2 Thermometer No: T304 FHI 045 completed

Observations: Region: ST Water type: S CoGP MA: M-42

Dead/weak/abnormally behaving fish present? Y If yes, see additional information/clinical score sheet.
Clinical signs of disease observed? N If yes, see additional information/clinical score sheet.
Gross pathology observed? N If yes, see additional information/clinical score sheet.
Diagnostic samples taken? N

UNI/REG only - if unable to carry out intended visit detail reason below:

**Additional Case Information:**

Health reports suggest fish exposed to water borne insult, potentially harmful plankton bloom or stinging jellyfish. Routine water sampling hasn't identified any harmful plankton or jellyfish. Sites within loch are conducting Freshwater treatments using the Ronja Star, wellboat is set up where fish can either be pumped straight back to cage after freshwater treatment or diverted through a separate delousing system, which is a mild 'flush' low pressure FLS water system to remove sea lice and the combined FW and FLS system are reported to be giving up to 99% clearance. This can be bypassed if low lice numbers and not required.

Mortality removal using uplift. Bakkafrost also have access to boat Bakkaness, that has been converted to deal with mortality events with ensiling system on board and reportedly has 600 tonnes of storage for ensiled waste.

Weather deteriorating during inspection with swell picking up due to exposed nature of site. No dead or moribund fish were observed during the inspection. 1 - 2 slightly lethargic fish observed per cage but these were deeper in the water and actively swam away when approached, majority of fish observed were shoaling well and were deeper in the water. All feeding is currently undertaken from the Stronachuilin shorebase.

**Salmon**

WK 41 - (up to 12/10/22) - 640 (0.29%) - Gill Health Related

WK 40 - 3,228 (1.47%) - Gill Health Related

WK 39 - 2,928 (1.23%) - Gill Health Related

WK 38 - 4,118 (1.43%) - Gill Health Related

WK 37 - 4,668 (1.79%) - Gill Health Related

WK 36 - 12,023 (4.4%) - Gill Health Related

WK 35 - 3,477 (1.26%) - Gill Health Related

**Wrasse**

WK 40 - 259 (3.4%)

WK39 - 345 (5.28%)

WK 36 - 281 (4.12 %)

WK 35 - 36 (0.53%)

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**Registration/Authorisation Details**

- 1. Business/site details summary checked by site representative?
- 2. Changes made to details?

**Site Details (include cleaner fish for all sections)**

Total No facilities	<b>14</b>	Facilities stocked	<b>13</b>	No facilities inspected	<b>14</b>
Species	<b>SAL</b>	<b>Wrasse</b>			
Age group	<b>2021 S0</b>	<b>Wild</b>			
No Fish	<b>216,425</b>	<b>8,819</b>			
Mean Fish Wt	<b>3.38kg</b>	<b>Mixed</b>			
Next Fallow Date (Site)	<b>April/May 2023</b>		Next Input Date (Site)	<b>Sept 2023</b>	
Recent (last 4 wks) disease problems?			<b>Y</b>	Any escapes (since last visit)?	<b>N</b>
If yes, detail:	<b>Gill pathology - indicative of plankton bloom or jellyfish</b>				

**Movement Records**

- 1. Movement records available for inspection?
- 2. Date of last inspection: **17/05/2022**
- 3. Are records complete and correctly entered?
- 4. Are movement records available for dead fish and waste?
- 5. Are records complete and correctly entered?
- 6. Are health certificates for introductions (outwith GB) available?

**Transport Records**

- 1. Are any movements carried out by (or on behalf) of the business (not using a STB)?
- If yes, is there a system in place for maintenance of transportation records?

**Mortality Records**

- 1. Mortality records available for inspection?
- 2. How are mortalities disposed of? **Whole fish - Dundas Chemicals**
- If other detail: **[REDACTED]**
- 3. Mortality records complete and correctly entered?
- 4. Recent mortality (last 4 wks): **See Additional Comments**
- 5. Evidence of recent increased/atypical mortalities?
- If yes, facility nos/no mortality per facility/no stock per facility/reason: **See additional comments for numbers, similar across all cages.**
- 6. Any other peaks in mortality during period checked?
- If yes, detail: **See mortality event spreadsheet**
- 7. Have increased (unexplained) mortalities been reported to vet or FHI?
- If yes, detail action: **[REDACTED]**
- 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.

**Treatments and Medicines Records**

1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	

**Biosecurity Records**

1. Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> mortality at the site been included?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	
If no, detail:	

**Results of Surveillance**

1. Has any animal health surveillance been carried out by, or on behalf of, the business?		Y
2. If yes, are results available for inspection?		Y
3. Any significant results?		Y
If yes, detail (if not detailed under recent disease problems).	Gill pathology indicative of waterborne insult.	

Records checked between:	17/05/22 to 13/10/22
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## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0169	<b>DATE OF VISIT</b>	13/10/2022
<b>SITE No</b>	FS0767	<b>SITE NAME</b>	Tarbert South
<b>CASE No</b>	20220500	<b>INSPECTOR</b>	[REDACTED]

The above site was inspected, following reports of mortalities above the reporting criteria.

All epidemiological units were inspected. On this occasion no samples were taken for disease analysis. The Inspector did not observe any clinical signs associated with the listed diseases as described in the Aquatic Animal Health (Scotland) Regulations 2009.

#### Records

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated. The following records were also inspected to ensure that the conditions of authorisation for your Aquaculture Production Business (APB) are being met:

Aquaculture animal and aquaculture animal product movement records were inspected and appeared to be adequately maintained.

Mortality records were inspected and found to be adequately maintained.

Mortality levels had exceeded the reporting criteria since the last inspection and had been reported to the Fish Health Inspectorate as required.

Reports detailing the results of animal health surveillance carried out by or on behalf of the business and/or Marine Scotland were available for inspection.

Please contact myself or the duty inspector should you require any further information or have any queries regarding this report.

Signed:



Fish Health Inspector

Date: 05/12/22

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)