

Case No: 2020-0531 Date of visit: 02/12/2020

Time spent on site: 5h Main Inspector: [Redacted]

Site No: fs1019 Site Name: Strondoir Bay

Business No: FB0169 Business Name: The Scottish Salmon Company

Case Types: 1 REP 2 VMD 3 DIA 4 [ ] 5 [ ] 6 [ ]

Water Temp (°C): 10.3 Thermometer No: T173 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? [Y] If yes, see additional information/clinical score sheet.
Gross pathology observed? [Y] If yes, see additional information/clinical score sheet.
Diagnostic samples taken? [Y]

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

**Additional Case Information:**

The site was inspected following reports of mortalities above the reporting threshold. Records were inspected remotely on the 26/11/2020 and the site inspection on the 2/12/2020

Morts: week 32 8317 (1.48%), week 33 5700 (1.03%) week 34 5947 (1.09%), week 35 17191 (3.18%) week 36 13620 (2.82%) week 37 7815 (2.30%)

Week 40 6676 (2.02%) week 41 2467 (0.76%), week 42 8839 (2.75%), week 43 3331 (1.07%), week 44 8486 (2.75%) following week numbers below reporting threshold, initial morts caused by toxic algal bloom but not confirmed. Second spike the result of hydrolicer for sea lice resulting in handling mortalities.

Treatment with hydrolicer 20/11/2020, previous treatments have included optilicer, hydrolicer through August up to recent treatment on the end of October

FW treatments on 30 Aug, 1 2 and 4 Sep primarily for gills

30/7/2020 sea lice numbers breached reporting levels hydrolicer used and number returned below reporting level.

High number of grilse reported to be in the stock, some fish with physical damage from rubbing the net evident.

Five moribund fish were removed for further examination and subsequent diagnostic sampling.

Case No:  Site No:

Date of Visit:  Inspector(s):

**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	<input type="text" value="10"/>	Facilities stocked	<input type="text" value="10"/>	No facilities inspected	<input type="text" value="8"/>
Species	<input type="text" value="SAL LUM"/>				
Age group	<input type="text" value="2019 S0"/>	<input type="text" value="2020"/>			
No Fish	<input type="text" value="270,918"/>	<input type="text" value="25,012"/>			
Mean Fish Wt	<input type="text" value="3.86 Kg"/>	<input type="text" value="n/a"/>			
Next Fallow Date (Site)	<input type="text" value="April 2021"/>		Next Input Date (Site)	<input type="text" value="August/September 2021"/>	
Recent (last 4 wks) disease problems?	<input type="text" value="N"/>		Any escapes (since last visit)?	<input type="text" value="N"/>	
If yes, detail:	<input type="text" value=""/>				

**Movement Records**

1. Movement records available for inspection?

2. Date of last inspection:

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?

If other detail:

3. Mortality records complete and correctly entered?

4. Recent mortality (last 4 wks):

5. Evidence of recent increased/atypical mortalities?

If yes, facility nos/no mortality per facility/no stock per facility/reason:

6. Any other peaks in mortality during period checked?

If yes, detail:

7. Have increased (unexplained) mortalities been reported to vet or FHI?

If yes, detail action:

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)?	<input type="checkbox"/>	Y
If yes, detail:	TMS	
If other, detail:		
2. Medicines records available for inspection?	<input type="checkbox"/>	Y
3. Are records complete and correctly entered?	<input type="checkbox"/>	Y
4. Are fish in a withdrawal period?	<input type="checkbox"/>	Y
5. If yes, what treatment(s)?	TMS	
If other, detail:		
6. Are medicines stored appropriately?	<input type="checkbox"/>	Y

**Biosecurity Records**

1. Biosecurity records available for inspection?	<input type="checkbox"/>
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	<input type="checkbox"/>
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained) mortality</i> at the site been included?	<input type="checkbox"/>
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?	<input type="checkbox"/>
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	<input type="checkbox"/>
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.)?	<input type="checkbox"/>
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	<input type="checkbox"/>
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>
If no, detail:	

**Results of Surveillance**

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	<input type="checkbox"/>	Y
2. If yes, are results available for inspection?	<input type="checkbox"/>	Y
3. Any significant results?	<input type="checkbox"/>	Y
If yes, detail (if not detailed under recent disease problems).	Gill pathology, AGD	

Records checked between:	6/7/2019 to 2/12/2020
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Case no:  Site No:  Date of visit/  
Sampling:

Priority samples: VI  BA  PA  MG  HI

Time sampling starts/ends:   Inspector:  VMD No.

Environmental conditions: 1  2  3  4  5

Summary samples HIST  BA  MG  VI  PA  Total Samples

**Add Fish/Pools - click**

Pool/Fish No	F1	F2	F3	F4	F5	P1							
Fish nos	1	2	3	4	5	1-5	6	7	8				
Pool Group	P1	P1	P1	P1	P1								
Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL				
Average weight	3.5kg	3.5kg	3.5kg	3.5kg	3.5kg	3.5kg	3.5kg	3.5kg	3.5kg				
Sex	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
Water Type	SW	SW	SW	SW	SW	SW	SW	SW	SW				
Stock Details		Russel Burn	Russel Burn	Russel Burn	Russel Burn	Russel Burn	Russel Burn	Russel Burn	Russel Burn	Russel Burn			
	Stock Origin												
Facility No	8	8	5	5	3		5	3	1				



Case no: 2020-0531

Site No: fs1019

Method of killing: Percussive

Date of visit: 02/12/2020

Inspector(s):

Sheet Relevant: Y

S for strong presence: M for medium presence: W for weak presence

Fish Number		1	2	3	4	5				
Time sampled after death (if > 45 minutes)										
External Signs										
Behaviour	Moribund	S	S	S	S	S				
	Lethargic									
	Hanging vertical									
	Spiralling									
	Flashing									
	Loss of equilibrium									
Body	Dark									
	Distended abdomen									
	Anorexic				S	M				
	Scale Oedema									
Opercula	Shortened					M				
	Flared									
Haemorrhaging	Throat									
	Ventrum									
	Base of fins									
	Elsewhere									
Eyes	Exophthalmic									
	Enophthalmic (sunken)									
	Cataract									
	Haemorrhagic									
Gills	Pale	W	W	W	W	S				
	Zoned									
	Necrotic					M				
Lesions	Flank	S								
	Elsewhere			S	S	S				
Vent	Inflamed									
	Trailing faeces									
Lice Load	Estimate numbers									
Internal Signs										
Ascites	Clear									
	Bloody									
Oedema	In tissues									
Heart	Pale/anaemic	M	M	M						
	Granulomas			W						
	Deformed	M	M	S						
Liver	Petechial haem									
	Gross haem									
	Tissue breakdown									
	Enlarged									
	Colour number(s)	3	3	2	5	3				
	Granulomas									
	Lesions									
Pyloric caeca	Petechial haem									
	Tubules mauve				S	S				
	Lack of fat				S	S				
Spleen	Enlarged	W	W	W	W	S				
	Granulomas	W	W	W	W	W				
Gut	No food present				S	S				
	Yellow pseudo-faeces					S				
	External haem									
	Internal haem									
Body wall	Haemorrhaging									
Swim bladder	Haemorrhaging									
	Fluid filled									
Kidney	Swollen									
	Grey									
	Granular	M	M	M	M	M				
	Liquefied									
General	Parasites present									
	Anaemia									





Additional comments:

All fish maturing, f1 to F3 female and f4 and F5 male,

Site No: fs1019

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Nature of non-compliance:

Action taken (FHI):

Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology



[REDACTED]  
The Scottish Salmon Company  
1 Smithy Lane  
Lochgilphead  
Argyll  
PA31 8TA  
[REDACTED]

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0169	<b>DATE OF VISIT</b>	02/12/2020
<b>SITE No</b>	FS1019	<b>SITE NAME</b>	Strondoir Bay
<b>INSPECTOR</b>	[REDACTED]	<b>CASE No</b>	20200531

The above site was inspected, following a report of increased mortality by the business.

Eight epidemiological units were inspected and samples were taken for diagnostic purposes. A separate report will be issued detailing the results of these tests.

#### 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.

#### **Inspection under the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 2015**

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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: 09/12/2020

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at <https://www.gov.scot/publications/fish-health-inspectorate-service-charter/>

R10

Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB  
Tel - 0131 244 3498 Fax - 01224 295620 Email - [ms.fishhealth@gov.scot](mailto:ms.fishhealth@gov.scot)  
Website - [www.gov.scot/Topics/marine/science](http://www.gov.scot/Topics/marine/science)



Fish 1 to 5





Fish 1



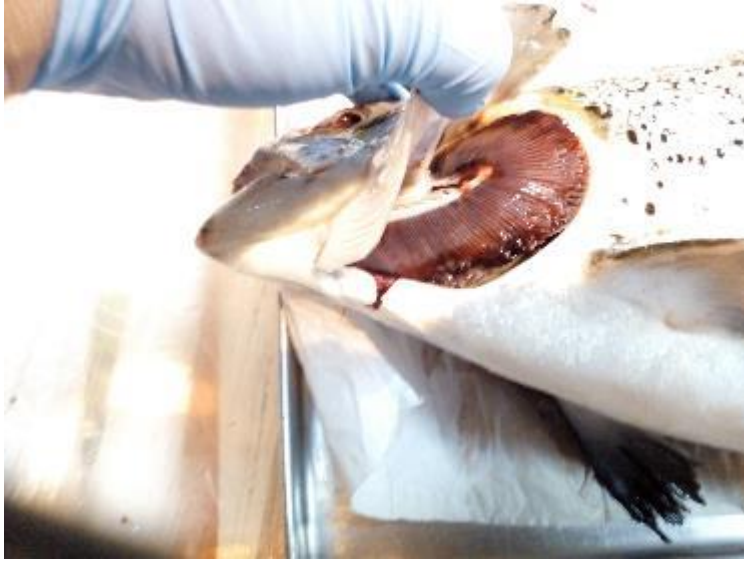
Fish 1



Fish 2



Fish 2



Fish 3



Fish 3



Fish 4



Fish 4





*Fish 5*



*Fish 5*