

Case No: 2023-0524 Date of visit: 14/11/2023

Time spent on site: 13hrs Main Inspector:

Site No: FS1056 Site Name: Strone
Business No: FB0169 Business Name: Bakka Frost Scotland

Case Types: 1 STS 2 3 4 5 6

Water Temp (°C): 10.4 Thermometer No: T305 FHI 045 completed N/A

Observations: Region: ST Water type: S CoGP MA M-45

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

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

Additional Case Information:

Site was re-visited following a positive PCR for ISA (2023-0511). Sequencing to determine if positive for ISA HPR-0 or ISA HPR-deleted was unsuccessful due to small volume of sample. Case has not yet been closed and FHR has not yet been issued.

Statutory sample of 150 fish was taken from the site. Fish from every cage were sampled. Few moribunds were observed (generally 1-2 fish per cage) and these were prioritised for sampling. Where there were not enough moribunds to make up the sample, clinically healthy fish were sampled.

Site is sharing a shorebase with Sgian Dubh (FS1281). Sites have separate entrances to the shorebase office, with foot baths and disinfectant at the entrance for Strone staff. Site staffs are using site-specific PPE, changing rooms, equipment and boats (with Strone workboats being moored in a separate location from Sgian Dubh workboats).

No movements on or off the site had occurred since the last inspection.

Site is stocked with a mix of farmed and wildcaught wrasse. Wrasse mortality for Wk44 was zero.

■■■ sampled: F1-6, 11-16, 23-28, 33-38, 45-50, 55-60, 65-70, 75-80, 85-90, 95-100, 105-110, 115-120, 125-130, 137-142, 149-150.

■■■ sampled: F7-10, 17-22, 29-32, 39-44, 51-54, 59-64, 71-74, 81-84, 91-94, 101-104, 111-114, 121-124, 131-136, 143-148.

Moribund fish: 1-10, 19, 22, 47, 61, 78-79, 81-84, 92, 101, 112, 114, 118, 120, 122, 124, 132-133, 136 and 139.

Case No: **2023-0524** Site No: **FS1056**
 Date of Visit: **14/11/2023** Inspector(s): **[REDACTED]**

Registration/Authorisation Details

1. Business/site details summary checked by site representative? **Y**
 2. Changes made to details? **N**

Site Details (include cleaner fish for all sections)

Total No facilities	14	Facilities stocked	14	No facilities inspected	14
Species	SAL	WRS			
Age group	2023 Q1	2023			
No Fish	964,544	54,000			
Mean Fish Wt	1.65kg	150g			
Next Fallow Date (Site)	July 24		Next Input Date (Site)	Jan 25	
Recent (last 4 wks) disease problems?			Y Any escapes (since last visit)?		
If yes, detail:	Furunculosis, SRS, AGD				

Movement Records

1. Movement records available for inspection? **Y**
 2. Date of last inspection: **03/11/2023**
 3. Are records complete and correctly entered? **N/A**
 4. Are movement records available for dead fish and waste? **N/A**
 5. Are records complete and correctly entered? **N/A**
 6. Are health certificates for introductions (outwith GB) available? **N/A**

Transport Records

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

Mortality Records

1. Mortality records available for inspection? **Y**
 2. How are mortalities disposed of? **Biogas - Barkip**
 If other detail: **[REDACTED]**
 3. Mortality records complete and correctly entered? **Y**
 4. Recent mortality (last 4 wks): **Wk45: 4,447 (0.41%) , Wk44: 4,024 (0.41%), Wk43: 8,767 (0.89%), Wk42: 7,114 (0.72%)**
 5. Evidence of recent increased/atypical mortalities? **Y**
 If yes, facility nos/no mortality per facility/no stock per facility/reason: **Cage 11 (9,765 (9.95%)), Cage 12 (10,777 (9.08%)) Week 35 to Week 41.**
 6. Any other peaks in mortality during period checked? **N**
 If yes, detail: **[REDACTED]**
 7. Have increased (unexplained) mortalities been reported to vet or FHI? **N/A**
 If yes, detail action: **[REDACTED]**
 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet. **N/A**

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?	
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	

Records checked between:	03/11/23 - 14/11/23
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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	F6	F7	F8	F9	F10	F11	F12
Fish nos	1	2	3	4	5	6	7	8	9	10	11	12
Pool Group	P1	P1	P2	P2	P3	P3	P4	P4	P5	P5	P6	P6
Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
Average weight	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg
Sex	N/A	N/A	N/A	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	SW	SW	SW
Stock Details												
	Stock Origin	Loch Langavat FS0149	Loch Langavat FS0149	Loch Langavat FS0149	Loch Langavat FS0149	Loch Langavat FS0149	Loch Langavat FS0149	Loch Langavat FS0149	Loch Langavat FS0149	Loch Langavat FS0149	Applecross Smolt Unit FS0500	Applecross Smolt Unit FS0500
Facility No	4	4	4	4	4	4	4	4	4	4	1	1

11/2023 Additional Sample Information:
 Fish humanely dispatched by anesthetic followed by percussive blow. Liver, kidney, heart and spleen sampled for virology samples. Fish number 149-150 (P75) unknown cage source as not recorded at time of sampling (possible cages: 8, 9, 10, 11, 12, 13, 14)

225 Total Tests assigned 3

F13	F14	F15	F16	F17	F18	F19	F20	F21	F22	F23	F24	F25	F26	F27	F28
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
P7	P7	P8	P8	P9	P9	P10	P10	P11	P11	P12	P12	P13	P13	P14	P14
SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg	1.5kg
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Applecross Smolt Unit FS0500	Applecross Smolt Unit FS0500	Applecross Smolt Unit FS0500	Applecross Smolt Unit FS0500	Applecross Smolt Unit FS0500	Applecross Smolt Unit FS0500	Applecross Smolt Unit FS0500	Applecross Smolt Unit FS0500	Applecross Smolt Unit FS0500	Applecross Smolt Unit FS0500	Loch Langavat FS0149	Loch Langavat FS0149	Loch Langavat FS0149	Loch Langavat FS0149	Loch Langavat FS0149	Loch Langavat FS0149
1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3

Case no: **2023-0524** Site No: **FS1056** Method of killing: **Percussive**
 Date of visit: **14/11/2023** Inspector(s): **[REDACTED]** Sheet Relevant: **N**

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

Fish Number		F79	F82	F101	F112									
Time sampled after death (if > 45 minutes)		45mins	45mins	60 min	80 min									
External Signs														
Behaviour	Moribund	S	S	S	S									
	Lethargic													
	Hanging vertical													
	Spiralling													
	Flashing													
	Loss of equilibrium													
Body	Dark													
	Distended abdomen	W												
	Anorexic													
	Scale Oedema													
Opercula	Shortened				W									
	Flared													
Haemorrhaging	Throat													
	Ventrum	S												
	Base of fins													
	Elsewhere													
Eyes	Exophthalmic													
	Enophthalmic (sunken)													
	Cataract													
	Haemorrhagic													
Gills	Pale	M	W	W										
	Zoned		W	M	W									
	Necrotic													
Lesions	Flank													
	Elsewhere													
Vent	Inflamed													
	Trailing faeces													
Lice Load	Estimate numbers		2											
Internal Signs														
Ascites	Clear													
	Bloody	W	M											
Oedema	In tissues													
Heart	Pale/anaemic	M												
	Granulomas													
	Deformed													
Liver	Petechial haem	W			M									
	Gross haem													
	Tissue breakdown													
	Enlarged													
	Colour number(s)		2	2	6	2								
	Granulomas													
	Lesions													
Pyloric caeca	Petechial haem	S			M									
	Tubules mauve													
	Lack of fat													
Spleen	Enlarged			M										
	Granulomas													
Gut	No food present													
	Yellow pseudo-faeces													
	External haem													
	Internal haem													
Body wall	Haemorrhaging		M	W										
Swim bladder	Haemorrhaging	S	S	S	S									
	Fluid filled	W												
Kidney	Swollen													
	Grey	W												
	Granular	W		W										
	Liquefied													
General	Parasites present													
	Anaemia													

Additional comments:

F101 haemorrhaging on the body wall close to the kidney, see photo

Case No: **2023-0524**

Date of visit: **14/11/2023**

Site No: **FS1056**

Inspector: **[REDACTED]**

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
MG ISA	7/150	16/11/2023		16/11/2023		20/12/2023		
ISA sequencing confirmed HPR0	7/7	22/11/2023		23/11/2023		20/12/2023		
HPAT	4/5	04/12/2023		06/12/2023		20/12/2023		
LPAT	5/5	04/12/2023		06/12/2023		20/12/2023		
ISAV	0/7	20/12/2023				20/12/2023		

Report Summary			
Case Type	Date	Insp	2 nd Insp
STS	20/12/2023		



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0169
SITE NO FS1056
CASE NO 20230524

DATE OF VISIT 14/11/2023
SITE NAME Strone
INSPECTOR [REDACTED]

Statutory test summary

A statutory test was conducted to test for the presence of infectious salmon anaemia following a positive real-time PCR (QPCR) result from a previous inspection (see report for case 2023-0511). The site had experienced increased mortality levels and a number of moribund fish were observed across the site, therefore additional histology samples were collected from four fish.

Samples were screened for infectious salmon anaemia virus (ISAv) by QPCR. The samples tested positive for infectious salmon anaemia virus (ISAV) by QPCR and the sequence data confirmed the presence of ISAv HPR0, the non-pathogenic form of the virus. No further statutory action is required to be taken in this case, infection with ISAv HPR0 not being a disease listed in The Aquatic Animal Health (Scotland) Regulations 2009. The initial designation notice which was served has now been withdrawn.

Histopathological examination revealed features resembling *Aeromonas salmonicida* (Furunculosis). Hepatocellular necrosis and necrotising splenitis were also observed. One fish also displayed areas of light H&E stain in the compactum stratum of the heart.

Samples

One hundred and fifty Atlantic salmon were tested for the presence of infectious salmon anaemia virus (ISAv). Samples were collected according to the table below:

Fish number	Pool number	Facility number	Stage	Origin
F1-10	P1-5	4	2023 Q1 Atlantic salmon	Loch Langavat FS0149
F11-22	P6-11	1	2023 Q1 Atlantic salmon	Applecross Smolt Unit FS0500
F23-32	P12-16	3	2023 Q1 Atlantic salmon	Loch Langavat FS0149
F33-44	P17-22	2	2023 Q1 Atlantic salmon	Loch Langavat FS0149
F45-54	P23-27	5	2023 Q1 Atlantic salmon	Loch Langavat FS0149
F55-64	P28-32	7	2023 Q1 Atlantic salmon	Clachan Hatchery FS0398

F65-74	P33-37	6	2023 Q1 Atlantic salmon	Loch Langavat FS0149
F75-84	P38-42	10	2023 Q1 Atlantic salmon	Applecross Smolt Unit FS0500
F85-94	P43-47	8	2023 Q1 Atlantic salmon	Clachan Hatchery FS0398
F95-104	P48-52	9	2023 Q1 Atlantic salmon	Clachan Hatchery FS0398
F105-114	P53-57	11	2023 Q1 Atlantic salmon	Applecross Smolt Unit FS0500
F115-124	P58-62	14	2023 Q1 Atlantic salmon	Applecross Smolt Unit FS0500
F125-136	P63-68	12	2023 Q1 Atlantic salmon	Ormsary Smolt Unit FS0575
F137-148	P69-74	13	2023 Q1 Atlantic salmon	Ormsary Smolt Unit FS0575
F149-150	P75	Not recorded	2023 Q1 Atlantic salmon	Unknown

In addition, fish 79, 82, 101 and 112 were sampled for histological examination.

Observations

Externally, F79 had a distended abdomen with shortened opercula on F112. Haemorrhaging was observed on the ventrum of F79 and the gills of F79, 82 and 101 were pale, with zoning noted on F82, 101 and 112 also.

Internally, F79 and 82 had bloody ascites and the heart of F79 was pale/anaemic. Petechial haemorrhaging was observed on the livers and pyloric caeca of F79 and 112, and in the body wall of F82 and 101. The swim bladders of all fish (F79, 82, 101 and 112) also had haemorrhaging. The spleen was enlarged in F101 and the kidney was grey in F79 and granular in F79 and 101.

Results

Virology

Tissue samples were tested for the presence of segments of RNA indicative of the presence of ISAv using real-time PCR (QPCR).

The following 7 fish tested positive for ISAv:

Fish Number	Cp value	Cp value	Cp value	Reported result
F2	37.59	37.06	>40	POSITIVE
F19	37.45	37.25	36.76	POSITIVE
F58	35.48	34.85	35.24	POSITIVE
F60	37.12	37.38	37.00	POSITIVE
F114	38.83	37.61	37.82	POSITIVE
F131	>40	>40	>40	POSITIVE
F144	35.30	35.05	35.60	POSITIVE

Sequencing confirmed 100% identity of ISA HPR0.

The remaining fish all tested negative for ISAv by QPCR.

Tissue samples from the above fish were also tested for the presence of Infectious salmon anaemia virus (ISAv) by cell culture. The results of these tests were negative.

Histology:

Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from four fish. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

Gill: Minor, multifocal lamellar hyperplasia (F79). Several aggregates of Gram-negative bacteria (F82). Free blood among gill filaments (F101). Lamellar telangiectasia (F112). Some post-mortem artefacts observed (F82, F112).

Skin & Muscle: Minor myositis (F82). F1: not present.

Heart: Mild epicarditis (F79, F101, F112). Gram-negative bacterial aggregates observed on the atrium chamber wall (F79, F82). Minor myocarditis (F101). Areas of light H&E stain observed in the compact layer (F79, F112).

Gut and pyloric caeca: Within normal range.

Pancreas: Within normal range.

Liver: Hepatocellular necrosis, mild, ranging from multifocal to coalescence (F1) with some haemorrhage (F79, F82) and F82 displayed Gram-negative rod-shaped bacterial aggregates. Mild, diffuse hepatocellular vacuolation (macrovesicles) (F82). Some sinusoidal congestion (F82, F101). Some capsulitis (F112).

Kidney: Occasional tubules with mineralisation (F79). Some interstitial cell (haemopoietic) necrosis (F82) with Gram-negative rod-shaped bacterial aggregates. Some foci of haemorrhage (F82).

Spleen: Necrotising splenitis (F82, F101, F112) with Gram-negative rod-shaped bacteria, multifocal, mild (F82). F112 also exhibited one giant cell.

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



Signed:

Date: 20/12/2023

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at [Fish Health Inspectorate Service Charter - gov.scot](https://www.gov.scot/policies/fish-health-inspectorate/) (www.gov.scot)









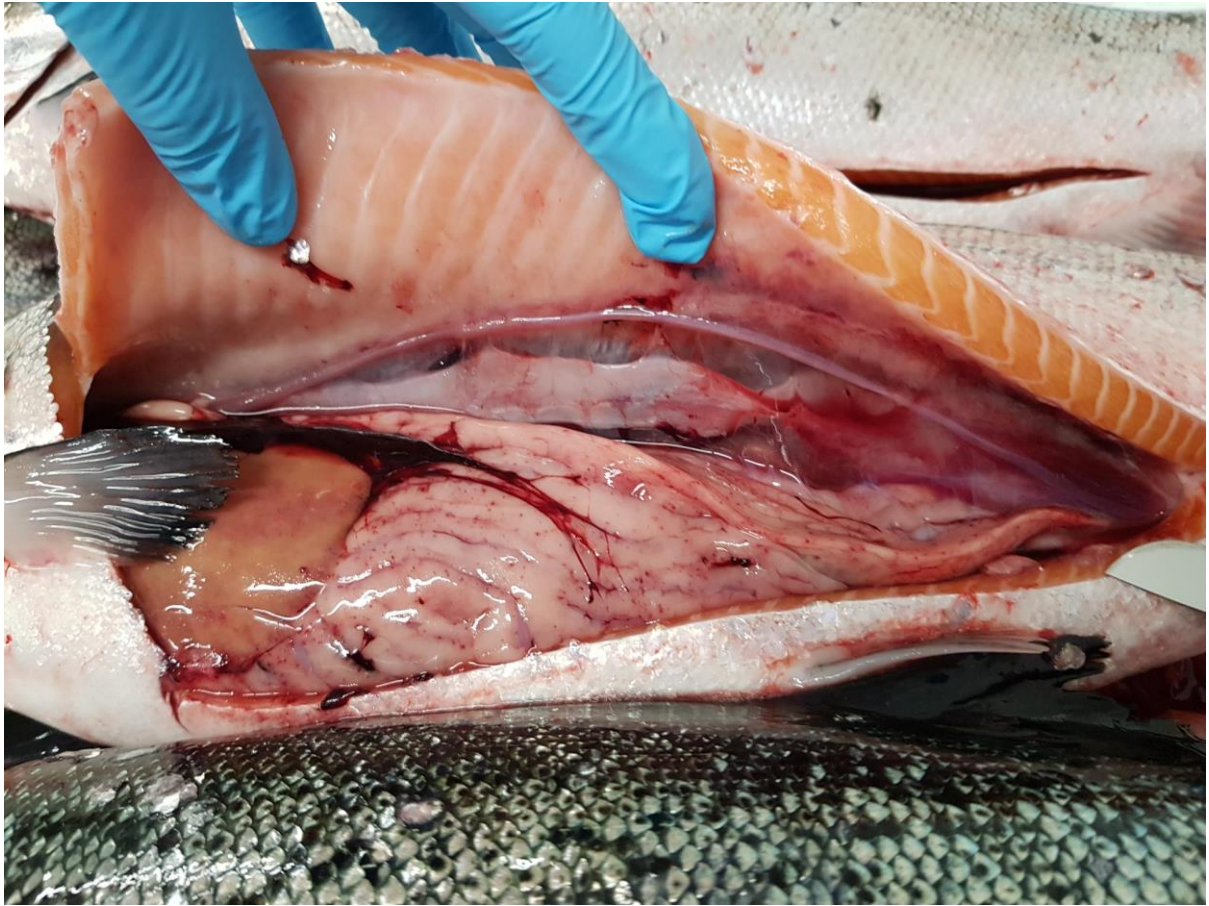






F79 DIA -





F7-F8



F9-F10



F17-F19



F20-F22



F29-F30



F31-32



F51-F52



F53-F54



F71-F72



F73-F74



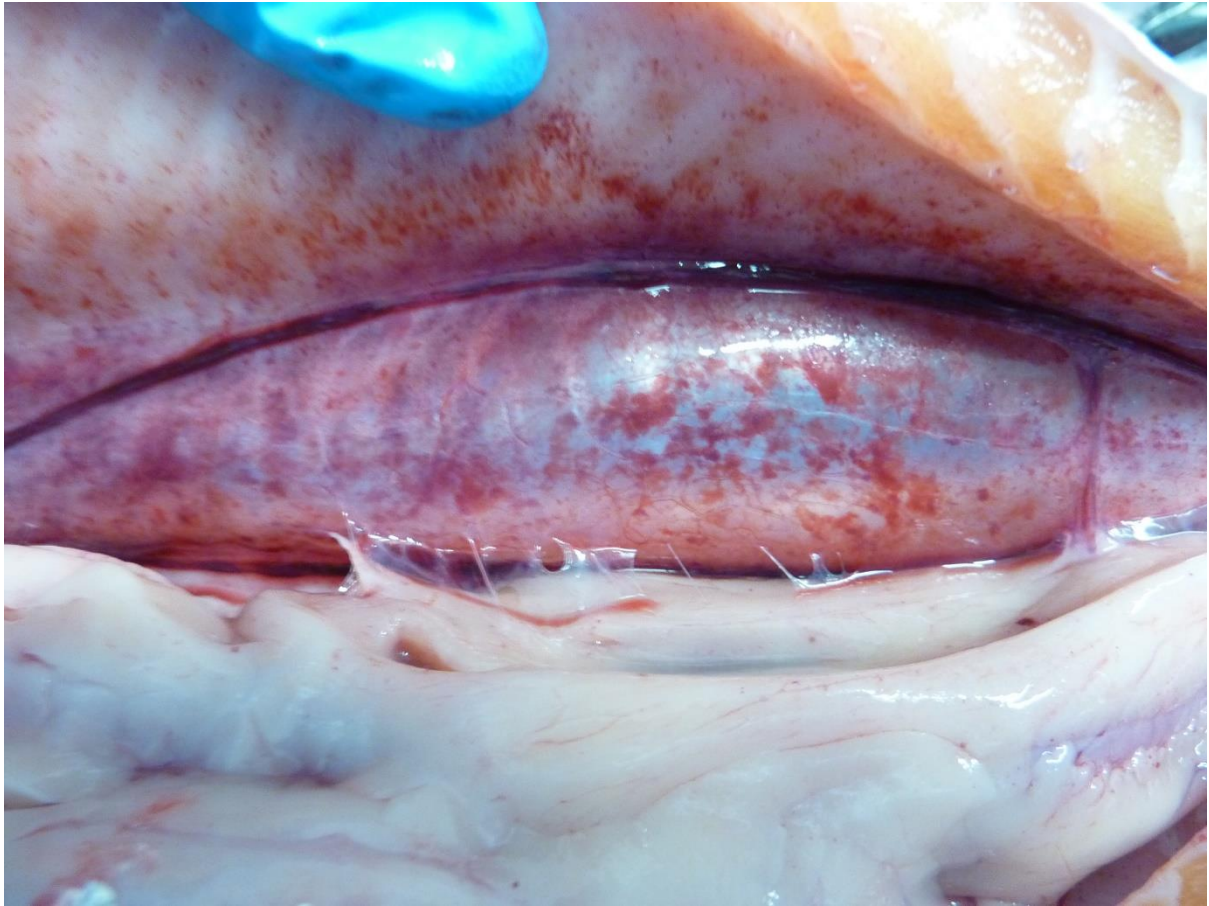
F81-F82

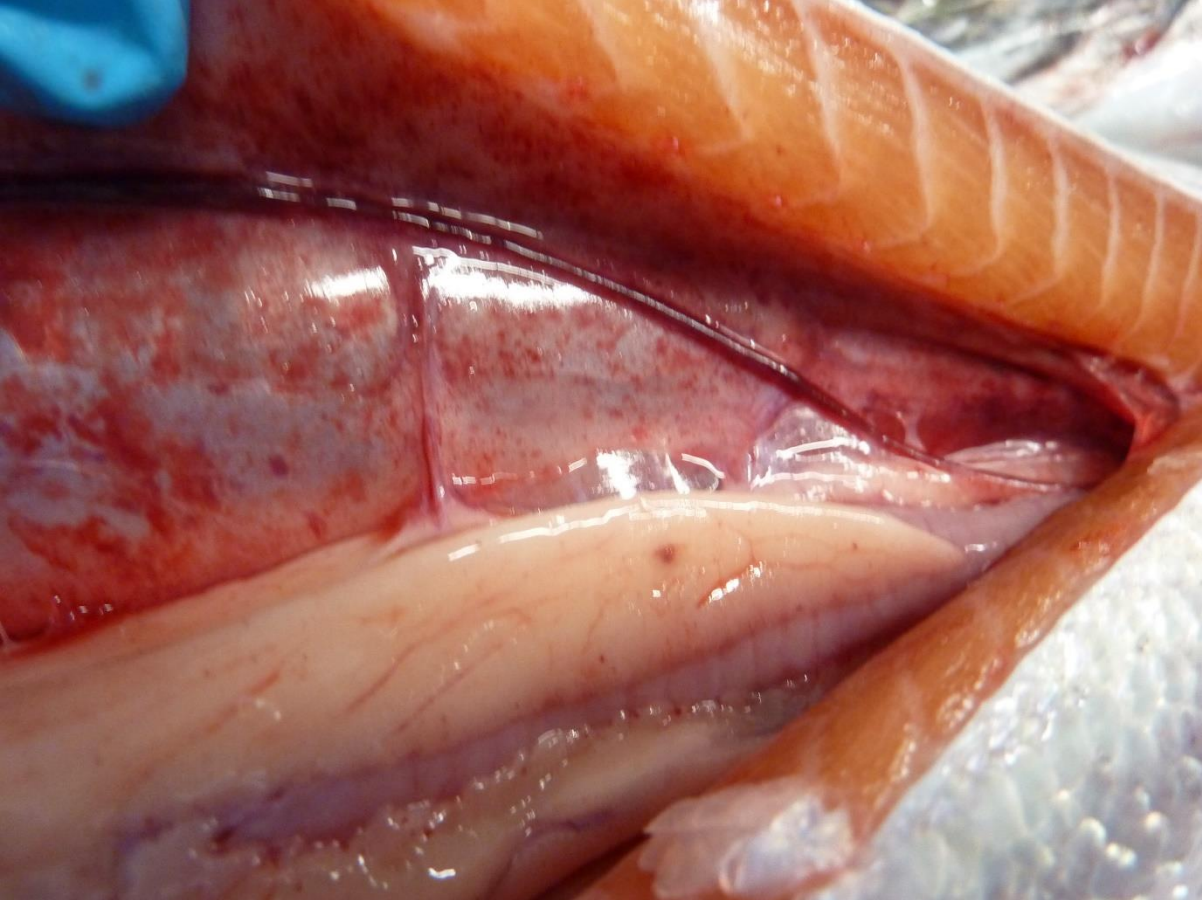
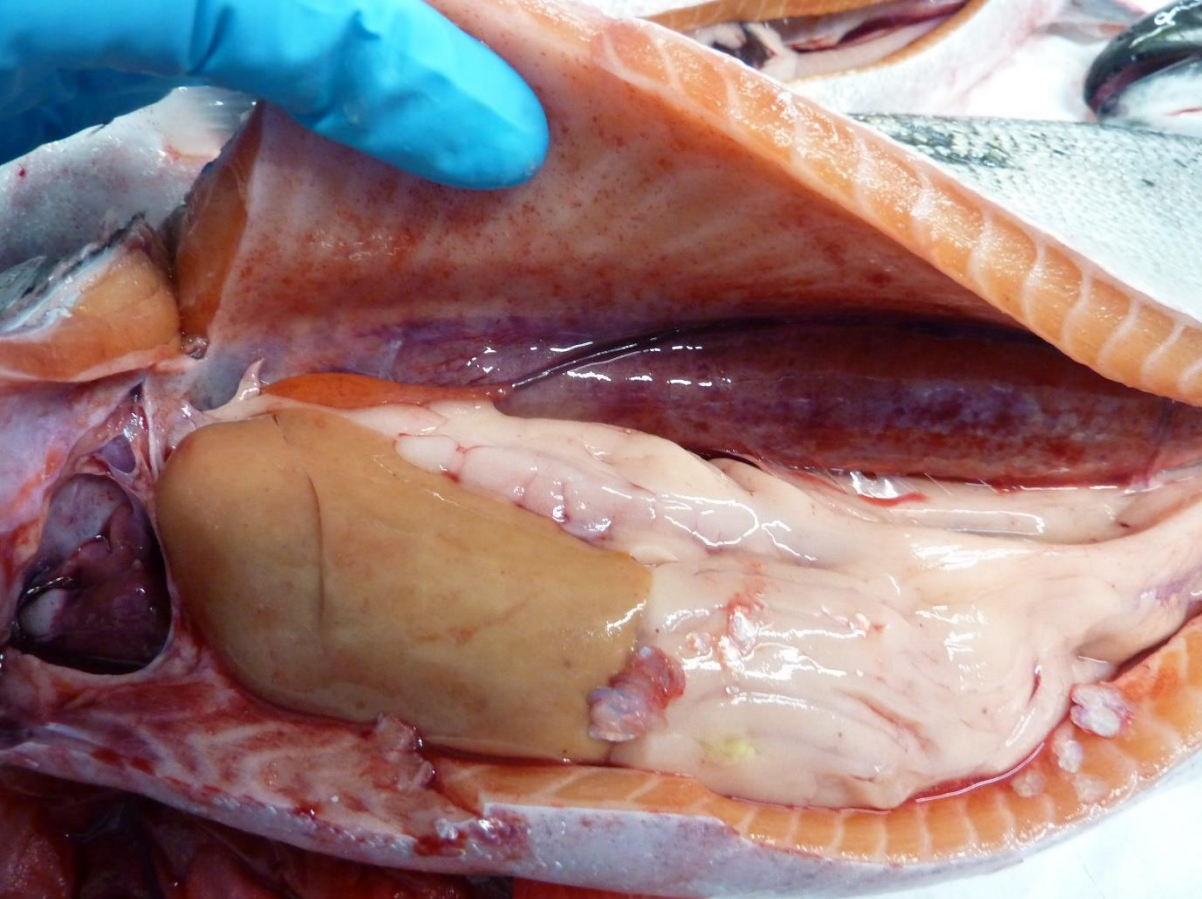


F82 gills



F82 internal

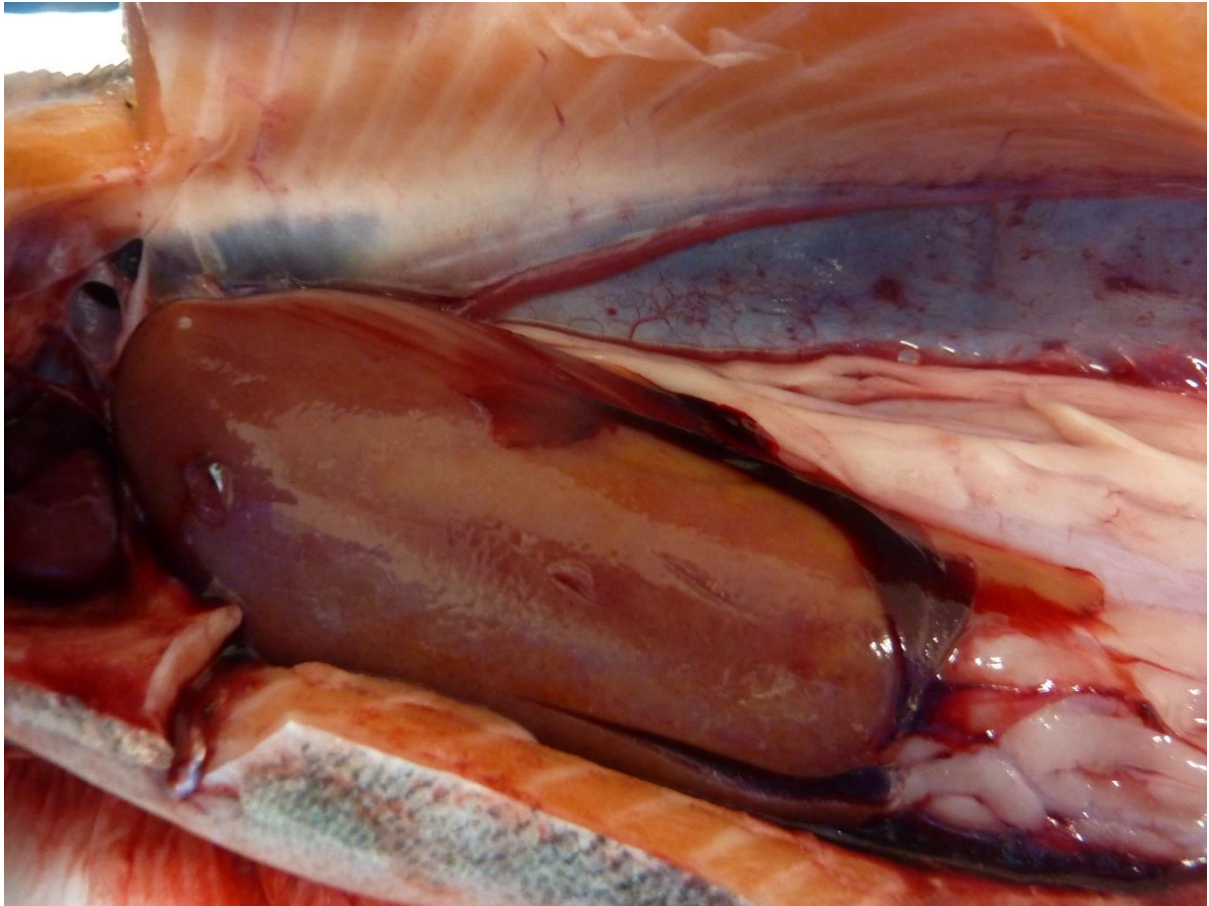


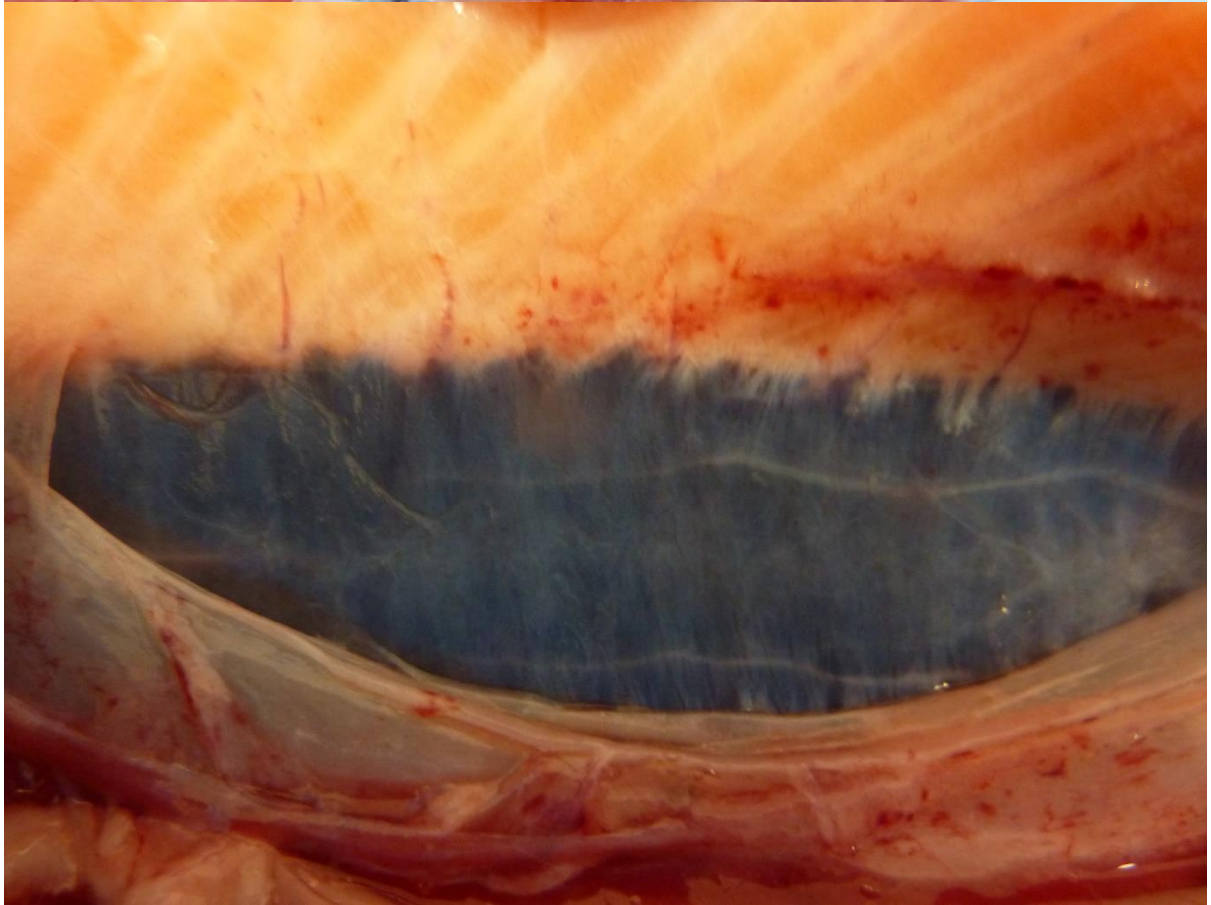
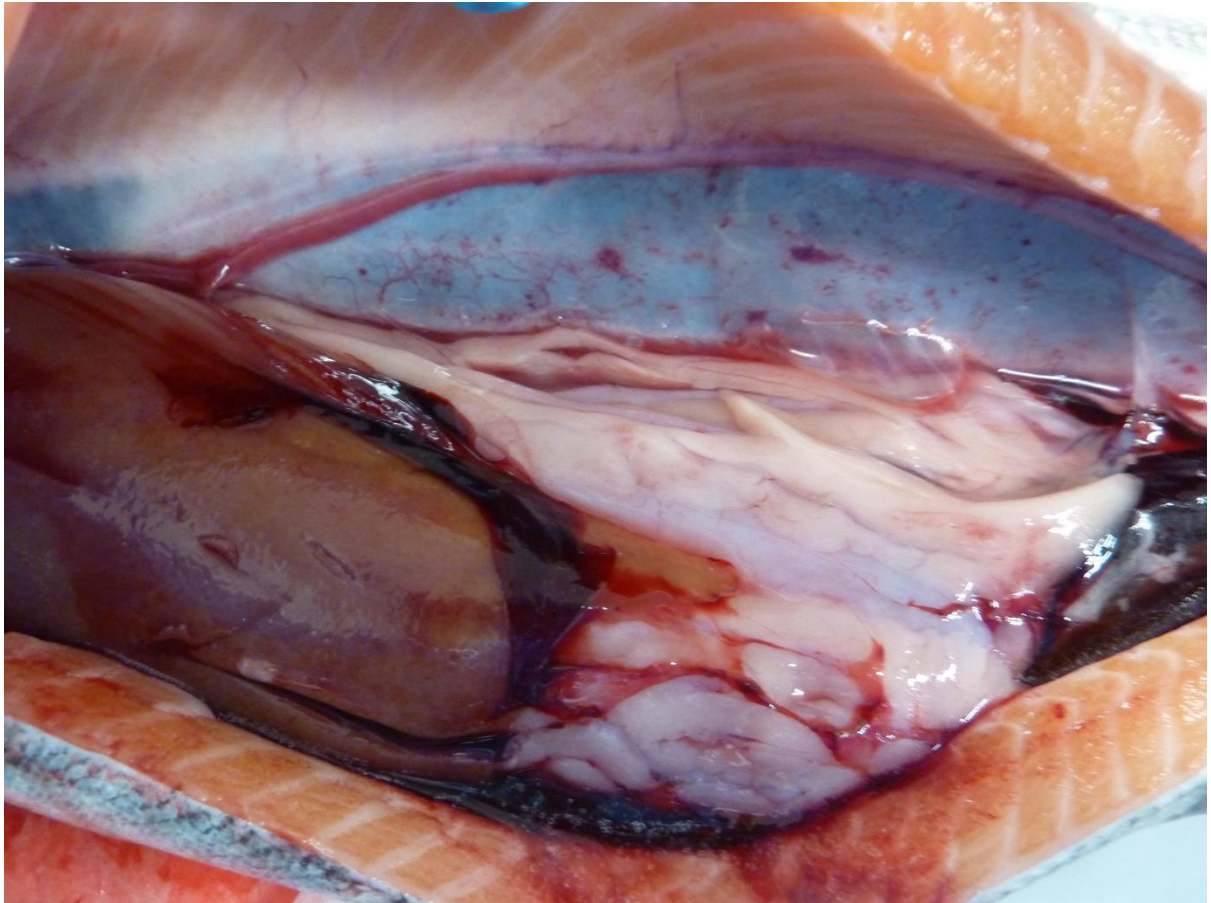


F101 gills



F101internal





F104-F105



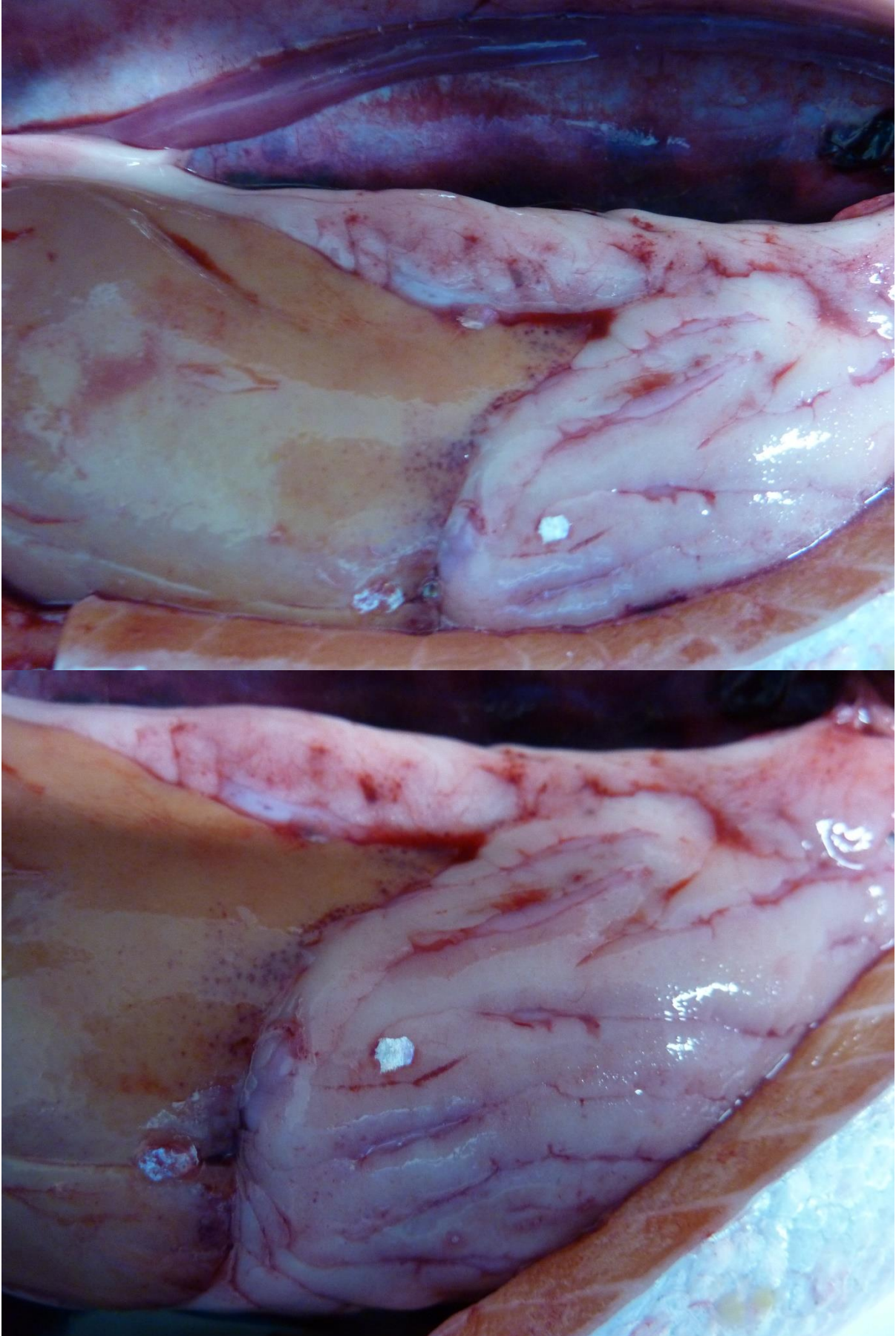
F111-F112

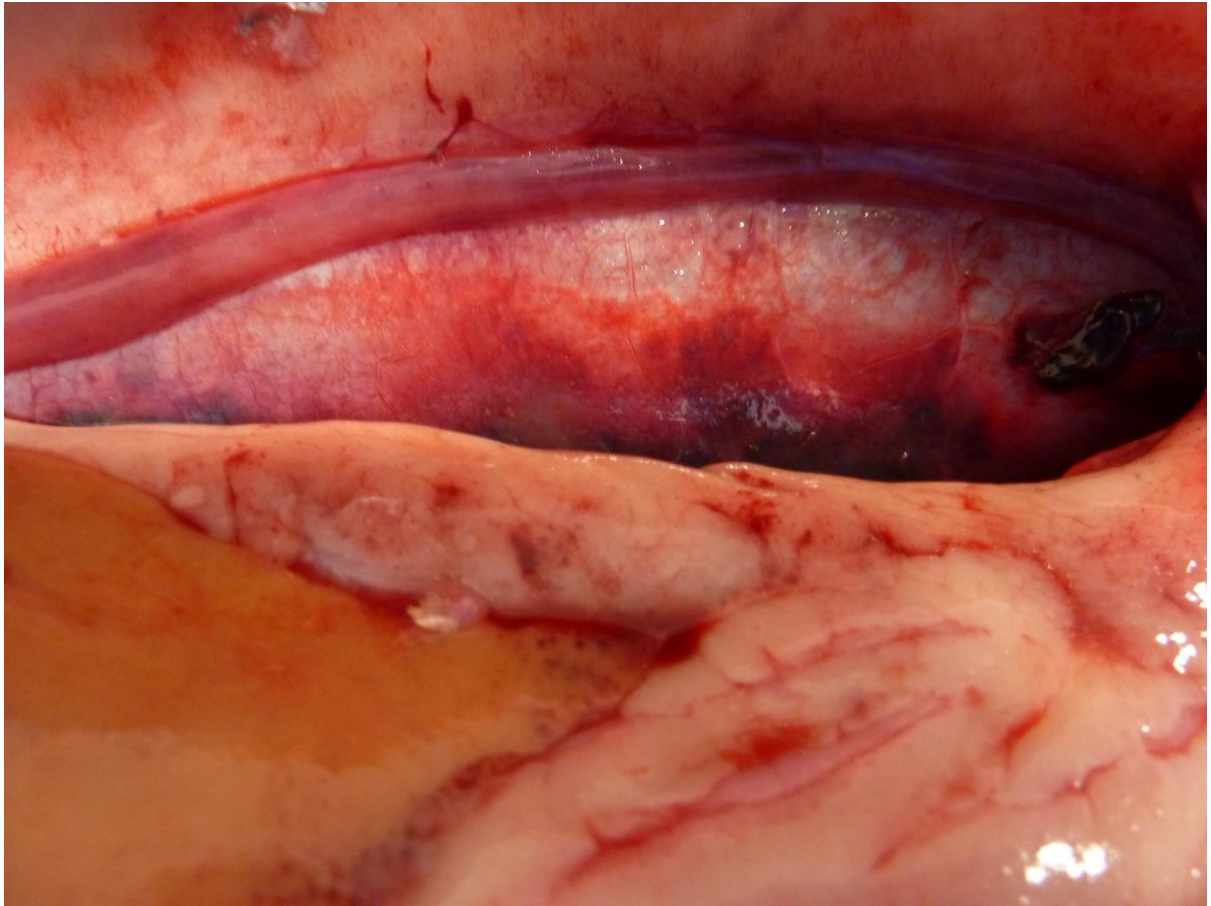


F112 gills



F112 internal





F113-F114



F121-F122



F123-F124



F131-F133



F134-F136



Case No: 2023-0525 Date of visit: 16/11/2023

Time spent on site: 3h Main Inspector: [REDACTED]

Site No: FS0858 Site Name: Fada
Business No: FB0125 Business Name: Scottish Sea Farms Ltd

Case Types: 1 REP 2 DIA 3 4 5 6

Water Temp (°C): 11.3 Thermometer No: T173 FHI 045 completed

Observations: Region: HI Water type: S CoGP MA: M-10

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:

Peroxide treatments in October (tarp), September (tarp), August (wellboat) and July (tarp). A further treatment is scheduled for 19/11/2023

One moribund and one runt removed for diagnostic sampling. A number of lethargic fish were observed in all cages but displayed a good startle response so could not be caught.

AGD scores increased in July mortalities started increasing in week 34 peaking in week 38 (3,317 (1.92%)) and 39 (3,756 (2.19%)). Mortality numbers rapidly increased in week 41 peaking in week 43 (26,479 (14.48%)) and week 44 27943 (17.80%) before reducing in week 45 (2,079 (1.56%)) however this week numbers are increasing with 4,921 (3.68%) recorded to date 16/11/2023.

Wrasse mortalities last four weeks: wk 46 8 (0.12%), wk 45 16 (0.31%), wk 44 23 (0.45%), wk 43 5 (0.10%).

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="7"/>	Facilities stocked	<input type="text" value="6"/>	No facilities inspected	<input type="text" value="6"/>
Species	<input type="text" value="SAL"/>	<input type="text" value="WRS"/>			
Age group	<input type="text" value="2023 q2"/>	<input type="text" value="wild"/>			
No Fish	<input type="text" value="86,516"/>	<input type="text" value="6,000"/>			
Mean Fish Wt	<input type="text" value="1.5kg"/>	<input type="text" value="N/A"/>			
Next Fallow Date (Site)	<input type="text" value="May 2024"/>		Next Input Date (Site)	<input type="text" value="unsure"/>	
Recent (last 4 wks) disease problems?		<input type="text" value="Y"/>	Any escapes (since last visit)?	<input type="text" value="N"/>	
If yes, detail:	<input type="text" value="AGD"/>				

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:	Optomease, Paramove	
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)?	Optomease	
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)</i> mortality 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).	AGD	

Records checked between:	26/4/2022 to 16/11/2023
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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										
	Fish nos	1	2										
	Pool Group	P1	P1										
Stock Details	Species	SAL	SAL										
	Average weight	1.4kg	300g										
	Sex	N/A	N/A										
	Water Type	SW	SW										
	Stock Origin	Barcaldine smolt unit	Barcaldine smolt unit										
	Facility No	2	1										

11/2023 Additional Sample Information:

Duplicate RNA later sample taken for f1 due to observed clinical signs

Total Tests assigned

Case no: 2023-0525

Site No: FS0858

Method of killing: Percussive

Date of visit: 16/11/2023

Inspector(s):

Sheet Relevant: Y

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

Fish Number																			
Time sampled after death (if > 45 minutes)																			
External Signs																			
Behaviour	Moribund	S	S																
	Lethargic																		
	Hanging vertical	S																	
	Spiralling																		
	Flashing																		
Body	Loss of equilibrium																		
	Dark	m	s																
	Distended abdomen																		
	Anorexic																		
Opercula	Scale Oedema																		
	Shortened																		
Haemorrhaging	Flared																		
	Throat																		
Eyes	Ventrum																		
	Base of fins																		
	Elsewhere																		
Gills	Exophthalmic																		
	Enophthalmic (sunken)																		
	Cataract																		
Lesions	Haemorrhagic																		
	Pale																		
	Zoned	m	m																
Vent	Necrotic																		
	Flank																		
Lice Load	Elsewhere																		
	Inflamed																		
Internal Signs	Trailing faeces																		
	Estimate numbers																		
Ascites	Clear																		
	Bloody																		
Oedema	In tissues																		
	Pale/anaemic																		
Heart	Granulomas																		
	Deformed	m	m																
Liver	Petechial haem																		
	Gross haem																		
	Tissue breakdown																		
	Enlarged																		
Pyloric caeca	Colour number(s)		8	5															
	Granulomas																		
	Lesions																		
Spleen	Petechial haem																		
	Tubules mauve																		
Gut	Lack of fat																		
	Enlarged	m	m																
Body wall	Granulomas																		
	No food present																		
	Yellow pseudo-faeces																		
Swim bladder	External haem																		
	Internal haem																		
Kidney	Haemorrhaging																		
	Fluid filled																		
	Swollen																		
General	Grey																		
	Granular																		
	Liquefied																		
Anaemia	Parasites present																		
	Anaemia																		

Case no: **2023-0525**

Date of visit: **16/11/2023**

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

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

Additional comments:



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0125	DATE OF VISIT	16/11/2023
SITE No	FS0858	SITE NAME	Fada
CASE No	20230525	INSPECTOR	██████████

Section 1: Summary

The site was inspected following reports of increased mortalities occurring. On inspection of stocks lethargic fish were observed in all pens but these could not be caught by hand net, two moribunds were observed and removed for further examination and subsequent diagnostic sampling.

Histopathological examination revealed features consistent with mild to moderate, multifocal, hyperplastic branchitis, amoebic gill disease (AGD) (confirmed by qPCR). Hepatocellular necrosis and minor myocarditis also observed.

Gill samples tested positive for the gill related pathogens: *Paranucleospora theridion* and salmon gill poxvirus (SGPV).

Yersinia ruckeri was identified on plates taken from kidney material, the level and purity of growth would not suggest it would be implicated as a primary source of morbidity.

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

Section 2: Case Detail

Observations

The site was inspected following reports of increased mortality occurring on site, attributed to AGD. A peak of 17.80% (27943) was recorded in week 44 before reducing in the following weeks however numbers remained elevated.

On inspection of the stocks there were lethargic fish noted in all pens however these could not be caught as they displayed a good startle response. Two moribund fish were observed and removed for diagnostic sampling.

F1 was hanging vertically in the pen, both fish had darkened bodies and zoned gills.

Internally both fish had deformed hearts with splenomegaly evident. The liver of F1 was dark in appearance.

Samples

Samples were collected from F1-2 according to the table below:

R09

Fish number	Facility number	Species	Stage	Origin
1	2	Atlantic salmon	1.4kg 2023 Q2	Barcaldine Smolt Unit
2	1	Atlantic salmon	300g 2023 Q2	Barcaldine Smolt Unit

Results

Bacteriology: Kidney and gill material from both fish were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated:

- *Yersinia ruckeri* (kidney F1)

Virology: Tissue samples were tested for segments of nucleic acid indicative of the presence of the pathogens specified below using real-time PCR (qPCR).

Salmon gill poxvirus (SGPV)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	19.36	34.48	34.49	34.97	POSITIVE
F2	-	-	-	-	Negative

The samples tested negative for infectious haematopoietic necrosis virus (IHNV), infectious pancreatic necrosis virus (IPNV), infectious salmon anaemia virus (ISAV), salmonid alphavirus (SAV), viral haemorrhagic septicaemia virus (VHSV) and piscine myocarditis virus (PMCV).

Parasitology: Tissue samples were tested for segments of nucleic acid indicative of the presence of the parasites specified below using real-time PCR (qPCR).

Paranucleospora theridion

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	19.36	25.75	26.05	25.83	POSITIVE
F2	18.85	29.54	29.32	29.63	POSITIVE

Neoparamoeba perurans (AGD)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	19.36	22.74	22.72	22.76	POSITIVE
F2	18.85	27.83	27.73	27.49	POSITIVE

Histology: Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney taken from F1 and 2. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

Gill: Lamellar hyperplastic branchitis, ranging from mild to moderate, multifocal (F1-F2) with areas of cellular necrosis (F1). Presence of several amoeboid cells resembling *Neoparamoeba perurans* observed in F1 and few basophilic epithelial inclusions (likely epitheliocystis) F1 and F2. Some cell debris among gill filaments.

Skin & Muscle: Within normal range.

Heart: Minor to mild, multifocal, myocarditis (F1, F2). Mild epicarditis (F1).

Gut and pyloric caeca: Reduced abdominal adipose tissue (F2).

Pancreas: Within normal range.

Liver: Hepatocellular necrosis, mild, multifocal (F1) with focal sinusoidal congestion and haemorrhage (F1), hepatocellular vacuolation (macrovesicles), mild, diffuse (F2).

Kidney: Interstitial cell (haemopoietic) necrosis, mild, multifocal with circulating inflammatory cells (F1) and increase numbers of melanomacrophages (F2).

Spleen: Focal area of necrosis and some cuffing (F1), slightly congested (F2).

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

Signed:



Date: 12/12/2023

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at [Fish Health Inspectorate Service Charter - gov.scot \(www.gov.scot\)](https://www.gov.scot/policies/fish-health-inspectorate/)



F1-2



F1-2



F1



F2



F1



F2

Case No:	<input type="text" value="2023-0529"/>	Date of visit:	<input type="text" value="29/11/2023"/>			
Time spent on site:	<input type="text" value="3.5hrs"/>	Main Inspector:	<input type="text" value=""/>			
Site No:	<input type="text" value="FS0839"/>	Site Name:	<input type="text" value="Geasgill"/>			
Business No:	<input type="text" value="FB0169"/>	Business Name:	<input type="text" value="Bakkafröst Scotland"/>			
Case Types:	1 <input type="text" value="ECI"/>	2 <input type="text" value="CNI"/>	3 <input type="text" value="SLI"/>	4 <input type="text" value=""/>	5 <input type="text" value=""/>	6 <input type="text" value=""/>
Water Temp (°C):	<input type="text" value="10.4"/>	Thermometer No:	<input type="text" value="T309"/>	FHI 045 completed	<input type="text" value=""/>	
Observations:	Region:	ST	Water type:	S	CoGP MA	M-37
Dead/weak/abnormally behaving fish present?	<input type="text" value="Y"/>	If yes, see additional information/clinical score sheet.				
Clinical signs of disease observed?	<input type="text" value="Y"/>	If yes, see additional information/clinical score sheet.				
Gross pathology observed?	<input type="text" value="N"/>	If yes, see additional information/clinical score sheet.				
Diagnostic samples taken?	<input type="text" value="N"/>					

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

Additional Case Information:

Salmon came on from the Ormsary Smolt Unit (FS0575) and Applecross (1 cage of this stock remains on site) and were performing well until a period of elevated mortality during June and July. The elevated mortalities were attributed to PD, combined with FW treatments. Mortality has since reduced and has been below the reporting threshold since wk41.

Slice treatments were completed early on in the cycle (in Dec, Feb and Mar) and only FW treatments have been conducted since.

Site normally grows to harvest, however fish were split down and 2 cages were sent to Lamlash for ongrowing. Lamlash lies in a different CoGP area (M-48) and a different disease management area (20) to Geasgill (M-37 and 16a). Lamlash is the only site in its DMA and both sites hold the same yearclass of fish. Lamlash was also fallow prior to receiving fish from Geasgill. Wrasse that were on site at the time of transfer, were moved across to Lamlash with the salmon. A risk assessment was completed and was available for inspection.

Site conducts live haul harvests to Carindow.

Mortality above reporting threshold:

Wk37-50, 52 2021.

Wk1, 5, 18, 21-22 2022.

Wk28 2023: 20,535 (2.97%), wk29: 53,901 (8.02%), wk30: 85,914 (14.93%), wk31: 49,593 (11.01%), wk32: 35,268 (8.8%), wk33: 27,165 (7.43%), wk34: 12,633 (3.73%), wk35: 15,741 (4.83%), wk 36: 3,981 (1.28%), wk37: 5,478 (1.79%), wk38:6,485 (2.16%), wk39: 3,493 (1.19%), wk40: 3,773 (1.3%).

Mortalities above reporting threshold this cycle were attributed to PD, combined with poor gill health and treatment losses. All were reported with the exception of the event that occurred in wk44 2021. Information was collected during the inspection and a notification was submitted retrospectively. NFA.

Fish were vaccinated against furunculosis, IPN and 22Q3 stock were also vaccinated against PD. Fish displaying clinical signs of PD were observed during the inspection, but were unable to be caught using a handnet. Fish in the next cycle will be vaccinated with the Claynav PD injection following positive results during trials.

Wk36 2021: 1.03 average adult female leps. Reduced week after. Wk38: 2.5 (physical treatment), wk41: 1.89, wk42: 1.51, wk43: 4.38, wk44: 3.78 (physical), then dropped to 0.48.. Wk21 2023: 0.98 then 1.14, then 0.6, 1.58, 0.65.

Wildcaught wrasse sourced from the local area were input to site in June and have been performing well since input. Appeared in good health during inspection. Site has lost 12,101 wrasse since input.

The general population of salmon across the site appeared in good condition and were actively shoaling in the cages. Lethargic fish exhibiting physical damage were also observed in most of the cages. Physical damage had been attributed to previous SRS infection followed by secondary bacterial infection. The extent of the damage ranged from minor to moderate. Where these fish could be caught with a handnet, they were removed at the time and humanely dispatched.

Inspection and paperwork completed by ■■■■, observed by ■■■■.

Case No: **2023-0529** Site No: **FS0839**
 Date of Visit: **29/11/2023** Inspector(s): **[REDACTED]**

Registration/Authorisation Details

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

Site Details (include cleaner fish for all sections)

Total No facilities	14	Facilities stocked	10	No facilities inspected	14
Species	SAL	WRA			
Age group	22Q3	Wildcaught			
No Fish	274,852	19,354			
Mean Fish Wt	3.7kg	100g			
Next Fallow Date (Site)	May 24		Next Input Date (Site)	August 24	
Recent (last 4 wks) disease problems?			Y	Any escapes (since last visit)?	N
If yes, detail:	PD and poor gill health				

Movement Records

1. Movement records available for inspection? **Y**
 2. Date of last inspection: **16/06/2021**
 3. Are records complete and correctly entered? **Y**
 4. Are movement records available for dead fish and waste? **Y**
 5. Are records complete and correctly entered? **Y**
 6. Are health certificates for introductions (outwith GB) available? **N/A**

Transport Records

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

Mortality Records

1. Mortality records available for inspection? **Y**
 2. How are mortalities disposed of? **Whole fish - Dundas Chemicals**
 If other detail: **[REDACTED]**
 3. Mortality records complete and correctly entered? **Y**
 4. Recent mortality (last 4 wks): **Wk46: 1,570 (0.57%), Wk45: 1,493 (0.54%), Wk44: 1,910 (0.68%), Wk43: 1,508 (0.89%)**
 5. Evidence of recent increased/atypical mortalities? **Y**
 If yes, facility nos/no mortality per facility/no stock per facility/reason:
Slightly elevated mortality in wk43 has been attributed to a recent FW treatment, combined with PD and poor gill health.
 6. Any other peaks in mortality during period checked? **Y**
 If yes, detail: **See additional info.**
 7. Have increased (unexplained) mortalities been reported to vet or FHI? **N/A**
 If yes, detail action: **[REDACTED]**
 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet. **N**

Treatments and Medicines Records

1. Recent treatments (see comment)?	<input type="checkbox"/>	Y
If yes, detail: <input type="text" value="Optomease"/>		
If other, detail: <input type="text"/>		
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"/>	N
5. If yes, what treatment(s)?	<input type="text"/>	
If other, detail: <input type="text"/>		
6. Are medicines stored appropriately?	<input type="checkbox"/>	Y

Biosecurity Records

1. Biosecurity records available for inspection?	<input type="checkbox"/>	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	<input type="checkbox"/>	Y
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?	<input type="checkbox"/>	Y
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"/>	Y
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"/>	Y
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"/>	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	<input type="checkbox"/>	Y
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>	Y
If no, detail: <input type="text"/>		

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). <input type="text" value="PD, AGD"/>		

Records checked between:	<input type="text" value="16/06/21 - 23/11/23"/>
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Case Number:	2023-0529	Site No:	FS0839	Insp:		
Date of Visit	29/11/2023	No of movements/supp./dest.			Score	
Live fish movements		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
Exposure via water	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		1
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				0
	Processing own fish (re-cycling risk)	1				
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				0
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
Biosecurity	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		1
	Sites sharing staff and equipment	0	1	2		0
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
Total Rank					18	MEDIUM

Case No:

Sea Lice Inspection (Seawater Sites Only)

1. Has the site experienced sea lice problems in the previous 4 years?
2. Is the CoGP Farm Management Area (or equivalent) followed synchronously on a single year class basis?
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamec) these be deployed in a reasonable period of time?
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected?
8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from 10/6/19) if yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments been administered or other actions taken when *L. salmonis* levels have exceeded the suggested criteria for treatment?
11. Has any other action been taken (where applicable)?
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
13. Are treatments, where conducted, carried out in cooperation between participating farms?
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the production cycle?
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

Containment Inspection

1. Has the site experienced equipment damage due to predators in the current or previous production cycles?
2. Are measures in place to mitigate against the predation experienced on site? (Detail below)

Sealpro nets, double sashed top nets, stitched.

If other, detail below:

3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?
 - If Yes proceed with questions 4 – 9. If No skip to question 10
4. Have these been reported to Scottish Ministers?
5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover escapees? If yes give detail

8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP)

9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)
10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)

2023-0529

Site No: FS0839

	N
	Y
ectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can	Y
valent)?	Y
	Y
	Y
d? (CoGP Annex 6)	N
w/b 10/6/19) during the period that records are inspected?	Y
	Y
	N
treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	Y
	Y
	Y
	Y
the escalation of a sea lice infestation?	Y
	Y
	Y
	Y
	N
iP – 4.4.38, 5.4.18)	
	Y

Case No: 2023-0529

Site No: FS0839

Date of Visit: 29/11/2023

Inspector: [REDACTED]

Point of Compliance

1. Is the farm under inspection located within a farm management area?

If N, no further questions require completion.

Points of Compliance for Both Farm Management Agreements and Statements

2. Has a current farm management agreement or statement (FMAg/S) been prepared?

3. Is the current FMAg/S available for inspection?

4. Does the FMAg/S identify the relevant farm management area?

5. Does the FMAg/S identify the fish farm site(s) to which it applies?

6. Does the FMAg/S identify the date of commencement of the agreement or statement?

7. Does the FMAg/S identify the date of review?

Arrangements for Fish Health Management

8. Does the FMAg/S identify the minimum health standards for the stocks to be introduced to the area or farm?

9. Does the FMAg/S identify the vaccination requirements for stocks held in the area or farm?

10. Does the FMAg/S identify the species of fish which may be stocked into the area or farm?

11. Does the FMAg/S identify the maximum stocking density of any pen on any farm in the area or the individual farm?

12. Does the FMAg/S identify the arrangements for the storage and disposal of any dead fish from any fish farm in the area or the individual farm?

Arrangements for The Management of Sea Lice

13. Does the FMAg/S identify arrangements for the sharing of data on sea lice numbers and treatments?

14. Does the FMAg/S identify the availability and the use of medicines on farms covered by the agreement of statement?

15. Does the FMAg/S identify any requirements for the sensitivity testing of available treatments for sea lice on farms in the area or individual farms?

16. Does the FMAg/S identify the circumstances under which biological controls and cleaner fish are to be used on farms in the area or individual farms?

17. Does the FMAg/S identify the arrangements for synchronous treatments on farms within the area?

Live Fish Movements

18. Does the FMAg/S identify the circumstances when live fish may be introduced or removed from the area or farm?

19. Does the FMAg/S identify the arrangements for the movement of live fish on and off sites in the area or individual farms?

Harvesting

20. Does the FMAg/S identify acceptable harvest practices on farms in the area or individual farms?

Fallowing

21. Does the FMAg/S identify the dates by which the area or individual farm will be fallow and the earliest date when a farm or area may be restocked?

22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covered by the agreement or statement?

23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?

Point of Compliance for Farm Management Agreements Only

24. Does the farm management agreement include arrangements for persons to become, or cease to be, parties to the agreement?

Management and operation

25. Is the fish farm being managed and operated in accordance with the agreement or statement?

26. What is the version no/date of issue of the FMAg/S?



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0169	DATE OF VISIT	29/11/2023
SITE No	FS0839	SITE NAME	Geasgill
CASE No	20230529	INSPECTOR	██████████

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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 surveillance frequency category of the site was assessed as medium. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every second year. The category of the site will be reassessed on a routine basis and updated as required.

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.

Records in relation to aquaculture animals transported by the business were inspected and found 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 not been reported to the Fish Health Inspectorate. I would like to remind you of the industry agreement in relation to mortality reporting as detailed in A Code of Good Practice for Scottish Finfish Aquaculture.

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

The biosecurity measures plan for the site was inspected and found to be adequately maintained and implemented.

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.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice), section 4A regarding fish farm management agreements and statements and section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory with regards to parasites, fish farm management agreements and statements and containment and escapes.

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



Signed:

Date: 07/12/2023

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at [Fish Health Inspectorate Service Charter - gov.scot \(www.gov.scot\)](https://www.gov.scot/policies/fish-health-inspectorate/)

Case No: 2023-0535 Date of visit: 21/11/2023

Time spent on site: 1.5 hrs Main Inspector: [Redacted]

Site No: FS0681 Site Name: Ormsary Hatchery
Business No: FB0061 Business Name: Landcatch Natural Selection Ltd

Case Types: 1 CNI 2 ECI 3 [] 4 [] 5 [] 6 []

Water Temp (°C): 8.08 Thermometer No: T307 FHI 045 completed []

Observations: Region: ST Water type: F CoGP MA: []

Dead/weak/abnormally behaving fish present? N 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:
[Redacted]

Additional Case Information:

Site consists of 31 racks and 5 zug racks- egg incubation. A new section has been built in the facility that includes a wash room and space three racks.

Next input is planned for end of November/ December where green eggs will be imported from Ireland (~1million).

On arrival into the hatchery, ova are disinfected with a buffodine solution. To deal with any fungus in incubators, a formalin flush is administered regularly during incubation.

Mortality from previous cycle (2022):

2022 S0- 58825, 1.425%

2022 S1- 66058, 2.31%

Case No: 2023-0535

Site No: FS0681

Date of Visit: 21/11/2023

Inspector(s):

Registration/Authorisation Details

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

Site Details (include cleaner fish for all sections)

	1 FW hatchery	Facilities stocked	1 FW hatchery	No facilities inspected	1 FW hatchery
Total No facilities					
Species	SAL				
Age group	2024 S0	2025 S1			
No Fish	2,437,406	2,437,061			
Mean Fish Wt	ova	ova			
Next Fallow Date (Site)	Mid-May 2024		Next Input Date (Site)	November 2024	
Recent (last 4 wks) disease problems?			N	Any escapes (since last visit)?	N
If yes, detail:					

Movement Records

- 1. Movement records available for inspection? Y
- 2. Date of last inspection: 10/10/2022
- 3. Are records complete and correctly entered? Y
- 4. Are movement records available for dead fish and waste? Y
- 5. Are records complete and correctly entered? Y
- 6. Are health certificates for introductions (outwith GB) available? Y

Transport Records

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

Mortality Records

- 1. Mortality records available for inspection? Y
- 2. How are mortalities disposed of? Incinerated - on site
- If other detail:
- 3. Mortality records complete and correctly entered? Y
- 4. Recent mortality (last 4 wks): 2022 mortalities- see additional information. 2023 - currently importing stock and processing morts in beginning december.
- 5. Evidence of recent increased/atypical mortalities? N
- If yes, facility nos/no mortality per facility/no stock per facility/reason:
- 6. Any other peaks in mortality during period checked? N/A
- If yes, detail:
- 7. Have increased (unexplained) mortalities been reported to vet or FHI? N/A
- If yes, detail action:
- 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet. N/A

Treatments and Medicines Records

1. Recent treatments (see comment)?	<input type="checkbox"/>	Y
If yes, detail:	formalin	
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"/>	N
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?	<input type="checkbox"/>	Y

Biosecurity Records

1. Biosecurity records available for inspection?	<input type="checkbox"/>	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	<input type="checkbox"/>	Y
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?	<input type="checkbox"/>	Y
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"/>	Y
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"/>	Y
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"/>	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	<input type="checkbox"/>	Y
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>	Y
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"/>	N
2. If yes, are results available for inspection?	<input type="checkbox"/>	
3. Any significant results?	<input type="checkbox"/>	
If yes, detail (if not detailed under recent disease problems).		

Records checked between:	10/10/2022-21/11/2023
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Case Number:	2023-0535	Site No:	FS0681	Insp:		
Date of Visit	21/11/2023	No of movements/supp./dest.			Score	
Live fish movements		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	10
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	
	Number of suppliers	0	5	10	14	5
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
Exposure via water	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				0
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				0
	Processing own fish (re-cycling risk)	1				
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
Biosecurity	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		1
	Sites sharing staff and equipment	0	1	2		0
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
Total Rank					32	HIGH

Case No: **2023-0535**

Site No: **FS0681**

Sea Lice Inspection (Seawater Sites Only)

1. Has the site experienced sea lice problems in the previous 4 years?
2. Is the CoGP Farm Management Area (or equivalent) followed synchronously on a single year class basis?
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)
8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments been administered or other actions taken when *L. salmonis* levels have exceeded the suggested criteria for treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)
11. Has any other action been taken (where applicable)?
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
13. Are treatments, where conducted, carried out in cooperation between participating farms?
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

Containment Inspection

1. Has the site experienced equipment damage due to predators in the current or previous production cycles? N
2. Are measures in place to mitigate against the predation experienced on site? (Detail below) Y
indoors
If other, detail below:
3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? N
If Yes proceed with questions 4 – 9. If No skip to question 10
4. Have these been reported to Scottish Ministers?
5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover escapees? If yes give detail
8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)
9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)
10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s) Y



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0061	DATE OF VISIT	21/11/2023
SITE No	FS0681	SITE NAME	Ormsary Hatchery
CASE No	20230535	INSPECTOR	██████████

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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 surveillance frequency category of the site was assessed as high. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted annually. The category of the site will be reassessed on a routine basis and updated as required.

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.

Records in relation to aquaculture animals transported by the business were inspected and found to be adequately.

Mortality records were inspected and found to be adequately maintained.

No mortality levels exceeding the reporting criteria have been recorded since the last inspection.

No animal health surveillance had been carried out on behalf of the business and/or Marine Directorate since the last Marine Directorate inspection.

The biosecurity measures plan for the site was inspected and found to be adequately maintained and implemented.

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.

R04 UKAS accredited testing laboratory No. 1964
Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Tel - 0131 244 3498 Email - ms.fishhealth@gov.scot
Website - <https://www.gov.scot/policies/fish-health-inspectorate/>

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007 with respect to section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory.

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

Signed:



Date: 22/11/2023

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at [Fish Health Inspectorate Service Charter - gov.scot \(www.gov.scot\)](https://www.gov.scot/policies/fish-health-inspectorate/)

Case No: 2023-0536 Date of visit: 21/11/2023

Time spent on site: 1.5hrs Main Inspector: [Redacted]

Site No: FS0090 Site Name: Ormsary Broodstock Unit
Business No: FB0061 Business Name: Landcatch Natural Selection Ltd

Case Types: 1 CNI 2 ECI 3 SLI 4 VMD 5 [] 6 []

Water Temp (°C): 11.75 Thermometer No: T307 FHI 045 completed []

Observations: Region: ST Water type: B CoGP MA: M-44

Dead/weak/abnormally behaving fish present? N 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:
[Redacted]

Additional Case Information:

All mortalities and culls are incinerated on site (noted by weight on record). Incineration log inspected 21/11/2023, therefore records have been noted as available.

Transport records: captured in mortalities as transfer morts.

As a broodstock site, does not fallow synchronously on a single year class basis. This is noted in the farm management statement that was inspected 21/11/2023. No harvesting takes place on site.

Harvesting strategy not required as site has land based tanks and are able to treat easily.

Case No: **2023-0536** Site No: **FS0090**

Date of Visit: **21/11/2023** Inspector(s): **[REDACTED]**

Registration/Authorisation Details

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

Site Details (include cleaner fish for all sections)

Total No facilities	21	Facilities stocked	10	No facilities inspected	21
Species	SAL	SAL	SAL		
Age group	2021 S1	2022 S1	2023 S1		
No Fish	741	3,272	16,484		
Mean Fish Wt	11.2kg	7.7kg	1.45kg		
Next Fallow Date (Site)	never fallow		Next Input Date (Site)	spring 2024	
Recent (last 4 wks) disease problems?			Any escapes (since last visit)?	N	
If yes, detail:	[REDACTED]				

Movement Records

- 1. Movement records available for inspection? Y
- 2. Date of last inspection: **01/11/2021**
- 3. Are records complete and correctly entered? Y
- 4. Are movement records available for dead fish and waste? Y
- 5. Are records complete and correctly entered? Y
- 6. Are health certificates for introductions (outwith GB) available? N/A

Transport Records

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

Mortality Records

- 1. Mortality records available for inspection? Y
- 2. How are mortalities disposed of? **Incinerated - on site**
- If other detail: **[REDACTED]**
- 3. Mortality records complete and correctly entered? Y
- 4. Recent mortality (last 4 wks): **2023: Wk46, 130, 0.62%; Wk45, 96, 0.45%; Wk44, 91, 0.42%; Wk43, 108, 0.50%**
- 5. Evidence of recent increased/atypical mortalities? N
- If yes, facility nos/no mortality per facility/no stock per facility/reason: **[REDACTED]**
- 6. Any other peaks in mortality during period checked? Y
- If yes, detail: **April 2022: site total mort, 7.04%, 1143, within 22 S1, 14.70%, 1125 (transfer mortality). 2023: Wk38, 1.17%, 288; Wk39,281, 1.25%(reported cause, gill health)**
- 7. Have increased (unexplained) mortalities been reported to vet or FHI? Y
- If yes, detail action: **September 2022: site total mort, 6.46%, 763, within 22 S1, 10.87%, 688 (explained laterally as gill health issues, FW treatment conducted and mortalities reduced).**
- 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet. Y

Treatments and Medicines Records

1. Recent treatments (see comment)?	<input type="checkbox"/>	Y
If yes, detail: T.M.S		
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)?	<input type="checkbox"/>	T.M.S
If other, detail:		
6. Are medicines stored appropriately?	<input type="checkbox"/>	Y

Biosecurity Records

1. Biosecurity records available for inspection?	<input type="checkbox"/>	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	<input type="checkbox"/>	Y
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"/>	Y
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"/>	Y
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"/>	Y
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"/>	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	<input type="checkbox"/>	Y
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>	Y
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). Results taken from 03.07.2023 - AGD (zero seawinter stock).

Results regarding unexplained mortality in 2022, initial inconclusive health results from third parties. Histology suggested potential AGD and/or effects of algal bloom.

Records checked between: 01/11/2021- 21/11/2023

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													
Fish nos	1												
Pool Group													
Species	SAL												
Average weight	1.45kg												
Sex	N/A												
Water Type	SW												
Stock Details		Ormsary Smolt Unit (FS0575)											
	Stock Origin												
	Facility No	G08											

Case Number:	2023-0536	Site No:	FS0090	Insp:		
Date of Visit	21/11/2023	No of movements/supp./dest.			Score	
Live fish movements		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
Exposure via water	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		1
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				0
	Processing own fish (re-cycling risk)	1				
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
Biosecurity	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		1
	Sites sharing staff and equipment	0	1	2		0
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
Total Rank					18	MEDIUM

Case No: **2023-0536**

Site No: **FS0090**

Sea Lice Inspection (Seawater Sites Only)

- 1. Has the site experienced sea lice problems in the previous 4 years?
- 2. Is the CoGP Farm Management Area (or equivalent) followed synchronously on a single year class basis?
- 3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?
- 4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
- 5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
- 6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
- 7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)
- 8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
- 9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
- 10. Have therapeutic treatments been administered or other actions taken when *L. salmonis* levels have exceeded the suggested criteria for treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)
- 11. Has any other action been taken (where applicable)?
- 12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
- 13. Are treatments, where conducted, carried out in cooperation between participating farms?
- 14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
- 15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?
- 16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

Containment Inspection

- 1. Has the site experienced equipment damage due to predators in the current or previous production cycles?
- 2. Are measures in place to mitigate against the predation experienced on site? (Detail below)
on land tanks,
If other, detail below:
- 3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?
If Yes proceed with questions 4 – 9. If No skip to question 10
- 4. Have these been reported to Scottish Ministers?
- 5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
- 6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
- 7. Were methods (if any) used to recover escapees? If yes give detail
- 8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)
- 9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)
- 10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)

Case No: 2023-0536

Site No: FS0090

Date of Visit: 21/11/2023

Inspector: [REDACTED]

Point of Compliance

1. Is the farm under inspection located within a farm management area?

If N, no further questions require completion.

Points of Compliance for Both Farm Management Agreements and Statements

2. Has a current farm management agreement or statement (FMAg/S) been prepared?

3. Is the current FMAg/S available for inspection?

4. Does the FMAg/S identify the relevant farm management area?

5. Does the FMAg/S identify the fish farm site(s) to which it applies?

6. Does the FMAg/S identify the date of commencement of the agreement or statement?

7. Does the FMAg/S identify the date of review?

Arrangements for Fish Health Management

8. Does the FMAg/S identify the minimum health standards for the stocks to be introduced to the area or farm?

9. Does the FMAg/S identify the vaccination requirements for stocks held in the area or farm?

10. Does the FMAg/S identify the species of fish which may be stocked into the area or farm?

11. Does the FMAg/S identify the maximum stocking density of any pen on any farm in the area or the individual farm?

12. Does the FMAg/S identify the arrangements for the storage and disposal of any dead fish from any fish farm in the area or the individual farm?

Arrangements for The Management of Sea Lice

13. Does the FMAg/S identify arrangements for the sharing of data on sea lice numbers and treatments?

14. Does the FMAg/S identify the availability and the use of medicines on farms covered by the agreement of statement?

15. Does the FMAg/S identify any requirements for the sensitivity testing of available treatments for sea lice on farms in the area or individual farms?

16. Does the FMAg/S identify the circumstances under which biological controls and cleaner fish are to be used on farms in the area or individual farms?

17. Does the FMAg/S identify the arrangements for synchronous treatments on farms within the area?

Live Fish Movements

18. Does the FMAg/S identify the circumstances when live fish may be introduced or removed from the area or farm?

19. Does the FMAg/S identify the arrangements for the movement of live fish on and off sites in the area or individual farms?

Harvesting

20. Does the FMAg/S identify acceptable harvest practices on farms in the area or individual farms?

Fallowing

21. Does the FMAg/S identify the dates by which the area or individual farm will be fallow and the earliest date when a farm or area may be restocked?

22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covered by the agreement or statement?

23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?

Point of Compliance for Farm Management Agreements Only

24. Does the farm management agreement include arrangements for persons to become, or cease to be, parties to the agreement?

Management and operation

25. Is the fish farm being managed and operated in accordance with the agreement or statement?

26. What is the version no/date of issue of the FMAg/S?



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0061	DATE OF VISIT	21/11/2023
SITE No	FS0090	SITE NAME	Ormsary Broodstock Unit
CASE No	20230536	INSPECTOR	██████████

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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 surveillance frequency category of the site was assessed as medium. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every second year. The category of the site will be reassessed on a routine basis and updated as required.

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.

Records in relation to aquaculture animals transported by the business were inspected and found to be adequately.

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 Directorate were available for inspection.

The biosecurity measures plan for the site was inspected and found to be adequately maintained and implemented.

R25

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.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice), section 4A regarding fish farm management agreements and statements and section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory with regards to parasites, fish farm management agreements and statements and containment and escapes.

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



Signed:

Date: 11/12/2023

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at [Fish Health Inspectorate Service Charter - gov.scot \(www.gov.scot\)](https://www.gov.scot/policies/fish-health-inspectorate/)

Case No: 2023-0541 Date of visit: 28/11/2023

Time spent on site: 45mins Main Inspector: [Redacted]

Site No: FS0777 Site Name: Eilean Coltair
Business No: FB0134 Business Name: Kames Fish Farming Ltd

Case Types: 1 ECI 2 CNI 3 SLI 4 [] 5 [] 6 []

Water Temp (°C): 11.39 Thermometer No: T308 FHI 045 completed []

Observations: Region: ST Water type: S CoGP MA: M-40

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? [N]

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

Additional Case Information:

Treatment conducted end of WK 47, so mortality from this treatment will be captured in wk 48 mortality figures.

Site pushes whole cages - therefore no transport records detailed (no water exchange and no water discharged elsewhere).

Last mechanical treatments - 25/11/2023 (all pens) , thermolicer

Site has since the summer been experiencing issues with jellyfish and plankton. No recent health surveillance conducted. Health team only visit when there are significant issues.

During site inspection some fish were observed with large lesions during attempts to remove, but were not able to be caught. A few moribund fish were observed but again not able to be removed. No diagnostic samples were taken.

Case No: 2023-0541

Site No: FS0777

Date of Visit: 28/11/2023

Inspector(s): [Redacted]

Registration/Authorisation Details

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

Site Details (include cleaner fish for all sections)

Total No facilities	3	Facilities stocked	3	No facilities inspected	
Species	RTR				
Age group	2023 (spring)				
No Fish	76,721				
Mean Fish Wt	1.75g				
Next Fallow Date (Site)	July 2024	Next Input Date (Site)	Spring 2025		
Recent (last 4 wks) disease problems?		Y	Any escapes (since last visit)?		
If yes, detail:	jellyfish and gill issues				

Movement Records

- 1. Movement records available for inspection?
- 2. Date of last inspection: 03/10/2023
- 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? Other (detail)
ensiled at kames pier and then taken away via fergusons.
- If other detail:
- 3. Mortality records complete and correctly entered?
- 4. Recent mortality (last 4 wks): 2023: Wk47, 0.04%, 28; Wk46, 0.16%, 122; Wk45, 0.29%, 223; Wk44, (
- 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)?

If yes, detail: T.M.S

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)?

T.M.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 *increased (unexplained)* 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 *how* and *when* 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?

2. If yes, are results available for inspection?

3. Any significant results?

If yes, detail (if not detailed under recent disease problems).

Records checked between:

03/10/2023-28/11/2023

3
N
Y
N
Y
Y
N/A
Y
Y
Y
Y
0.44%; 342.
N
N
N/A
Y

Y
Y
Y
Y
Y
Y
Y
Y
Y
Y
N

Case Number:	2023-0541	Site No:	FS0777	Insp:		
Date of Visit	28/11/2023	No of movements/supp./dest.			Score	
Live fish movements		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	6
	Number of destinations	0	3	6	10	3
Exposure via water		Site contacts				
		0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		4
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				0
	Processing own fish (re-cycling risk)	1				
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
Biosecurity		Number of sites				
		1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		1
	Sites sharing staff and equipment	0	1	2		0
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
Total Rank					17	
Rank					MEDIUM	

Case No: 2023-0541

Site No:

Sea Lice Inspection (Seawater Sites Only)

1. Has the site experienced sea lice problems in the previous 4 years?
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management A
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records 6)
8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or during the period that records are inspected?
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments been administered or other actions taken when *L. salmonis levels* have exceeded the suggest where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)
11. Has any other action been taken (where applicable)?
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
13. Are treatments, where conducted, carried out in cooperation between participating farms?
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised sce a sea lice infestation?
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

Containment Inspection

1. Has the site experienced equipment damage due to predators in the current or previous production cycles?
 2. Are measures in place to mitigate against the predation experienced on site? (Detail below)
- Bird nets,
If other, detail below:
3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?
If Yes proceed with questions 4 – 9. If No skip to question 10
 4. Have these been reported to Scottish Ministers?
 5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
 6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
 7. Were methods (if any) used to recover escapees? If yes give detail
 8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (5.4.18)
 9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)
 10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)

FS0777

N
 N
s and emamectin benzoate) as
time? Y

Area (or equivalent)? Y

Y
 Y

are inspected? (CoGP Annex N

above (from w/b 10/6/19) Y
 Y
 N

ed criteria for treatment or Y

N/A
 Y
 Y
? Y

narios during the escalation of Y
 Y

N
 Y

N

(Legal, CoGP – 4.4.38,

Y

Case No: 2023-0541

Site No: FS0777

Date of Visit: 28/11/2023

Inspector: [REDACTED]

Point of Compliance

1. Is the farm under inspection located within a farm management area?

If N, no further questions require completion.

Points of Compliance for Both Farm Management Agreements and Statements

2. Has a current farm management agreement or statement (FMAg/S) been prepared?

3. Is the current FMAg/S available for inspection?

4. Does the FMAg/S identify the relevant farm management area?

5. Does the FMAg/S identify the fish farm site(s) to which it applies?

6. Does the FMAg/S identify the date of commencement of the agreement or statement?

7. Does the FMAg/S identify the date of review?

Arrangements for Fish Health Management

8. Does the FMAg/S identify the minimum health standards for the stocks to be introduced to the area or farm?

9. Does the FMAg/S identify the vaccination requirements for stocks held in the area or farm?

10. Does the FMAg/S identify the species of fish which may be stocked into the area or farm?

11. Does the FMAg/S identify the maximum stocking density of any pen on any farm in the area or the individual farm?

12. Does the FMAg/S identify the arrangements for the storage and disposal of any dead fish from any fish farm in the area or the individual farm?

Arrangements for The Management of Sea Lice

13. Does the FMAg/S identify arrangements for the sharing of data on sea lice numbers and treatments?

14. Does the FMAg/S identify the availability and the use of medicines on farms covered by the agreement of statement?

15. Does the FMAg/S identify any requirements for the sensitivity testing of available treatments for sea lice on farms in the area or individual farms?

16. Does the FMAg/S identify the circumstances under which biological controls and cleaner fish are to be used on farms in the area or individual farms?

17. Does the FMAg/S identify the arrangements for synchronous treatments on farms within the area?

Live Fish Movements

18. Does the FMAg/S identify the circumstances when live fish may be introduced or removed from the area or farm?

19. Does the FMAg/S identify the arrangements for the movement of live fish on and off sites in the area or individual farms?

Harvesting

20. Does the FMAg/S identify acceptable harvest practices on farms in the area or individual farms?

Fallowing

21. Does the FMAg/S identify the dates by which the area or individual farm will be fallow and the earliest date when a farm or area may be restocked?

22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covered by the agreement or statement?

23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?

Point of Compliance for Farm Management Agreements Only

24. Does the farm management agreement include arrangements for persons to become, or cease to be, parties to the agreement?

Management and operation

25. Is the fish farm being managed and operated in accordance with the agreement or statement?

26. What is the version no/date of issue of the FMAg/S?



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0134	DATE OF VISIT	28/11/2023
SITE No	FS0777	SITE NAME	Eilean Coltair
CASE No	20230541	INSPECTOR	██████████

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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 surveillance frequency category of the site was assessed as medium. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every second year. The category of the site will be reassessed on a routine basis and updated as required.

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 found to be inadequately maintained.

Records in relation to aquaculture animals transported by the business were inspected and found 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.

The biosecurity measures plan for the site was inspected and found to be adequately maintained and implemented.

The following points were raised with the site representative during the inspection:

- One movement of fish was not recorded on the site's movement records. Amended records were received. No further action required.

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.

R25

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice), section 4A regarding fish farm management agreements and statements and section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory with regards to parasites, fish farm management agreements and statements and containment and escapes.

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: 11/12/2023

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at [Fish Health Inspectorate Service Charter - gov.scot \(www.gov.scot\)](http://www.gov.scot/policies/fish-health-inspectorate/)

Case No: 2023-0542 Date of visit: 29/11/2023

Time spent on site: 1.5 hrs Main Inspector: [Redacted]

Site No: FS0843 Site Name: Evanachan Marine Hatchery
Business No: FB0012 Business Name: Otter Ferry Seafish Ltd

Case Types: 1 MOV 2 [] 3 [] 4 [] 5 [] 6 []

Water Temp (°C): [] Thermometer No: [] FHI 045 completed []

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

Dead/weak/abnormally behaving fish present? [N] 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:
[Redacted]

Additional Case Information:

Site and stock inspection for export of halibut to Canada from Evanachan Marine Hatchery.

Movement and mortality records since 22/11/2023 inspected.

6 tanks of halibut are to be exported 29/11/2023. The inspected fish have been observed to be healthy and no ectoparasites were seen.

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="109"/>	Facilities stocked	<input type="text" value="72"/>	No facilities inspected	<input type="text" value="6"/>
Species	<input type="text" value="HAL"/>	<input type="text" value="WRS"/>			
Age group	<input type="text" value="2023"/>	<input type="text" value="2023"/>			
No Fish	<input type="text" value="51,636"/>	<input type="text" value="71,784"/>			
Mean Fish Wt	<input type="text" value="4.5g"/>	<input type="text" value="0.9g"/>			
Next Fallow Date (Site)	<input type="text" value="never fallow"/>		Next Input Date (Site)	<input type="text" value="Spring 2024"/>	
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)?	
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?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	

Records checked between:	22/11/2023 to 29/11/23
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FISH HEALTH INSPECTORATE VISIT REPORT

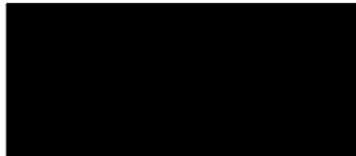
SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0012	DATE OF VISIT	29/11/2023
SITE No	FS0843	SITE NAME	Evanachan Marine Hatchery
CASE No	20230542	INSPECTOR	[REDACTED]

Inspection for export

The above site was visited and a consignment of juvenile Atlantic halibut for export to Canada inspected. A health certificate was issued which must travel with the consignment to the destination.

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



Signed:

Date: 13/12/2023

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at [Fish Health Inspectorate Service Charter - gov.scot \(www.gov.scot\)](https://www.gov.scot/policies/fish-health-inspectorate/)

Case No: 2023-0544 Date of visit: 27/11/2023

Time spent on site: 30mins Main Inspector:

Site No: SS0871 Site Name: Lynn of Lorn
Business No: SB0294 Business Name: Lismore Seafoods

Case Types: 1 REG 2 3 4 5 6

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

Observations: Region: ST Water type: S CoGP MA:

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

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

Additional Case Information:

Site has been fallow since 2014 and no equipment is in the water. Crown Estate lease has already been given up. There are no plans to stock this site in the future and paperwork for deactivation of site and de-register of business have been received.

Case No: 2023-0544

Site No: SS0871

Date of Visit: 27/11/2023

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	0	Facilities stocked	0	No facilities inspected	0
Species	fallow				
Age group					
No Fish					
Mean Fish Wt					
Next Fallow Date (Site)	currently fallow	Next Input Date (Site)	no plans		
Recent (last 4 wks) disease problems?		N/A	Any escapes (since last visit)?		N/A
If yes, detail:					

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)?	
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?	
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	

Records checked between:	no records checked
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Case No: 2023-0544

Date of visit: 27/11/2023

Site No: SS0871

Inspector: [Redacted]

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp

Report Summary			
Case Type	Date	Insp	2 nd Insp
REG	13/12/2023		



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	SB0294	DATE OF VISIT	27/11/2023
SITE No	SS0871	SITE NAME	Lynn of Lorn
CASE No	20230544	INSPECTOR	[REDACTED]

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

On this occasion, the site was found to be fallow with no equipment present.

The site is no longer in operation and there are no plans to stock the site with livestock or equipment in the future. The site will therefore be de-registered.

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

Signed:

Date: 13/12/2023

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at [Fish Health Inspectorate Service Charter - gov.scot \(www.gov.scot\)](http://www.gov.scot/Topics/marine/science)