

Case No: 2022-0541 Date of visit: 08/11/2022

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

Site No: FS0299 Site Name: Dunstaffnage  
Business No: FB0125 Business Name: Scottish Sea Farms Ltd

Case Types: 1 REP 2 DIA 3 4 5 6

Water Temp (°C): 13.1 Thermometer No: Site FHI 045 completed Y

Observations: Region: ST Water type: S CoGP MA: M-36

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:**

Mort events 10/10 - 1.2%- Gill health environmental - 7945 fish- scheduled peroxide for AGD treatment

Mort events 17/10 - 4.5%- Gill health environmental - 28952 fish- scheduled peroxide for AGD treatment

Mort events 24/10 - 6.9%- Gill health environmental - 42345 fish- CGD scheduled peroxide for AGD treatment

Mortality attributed to poor gill health - AGD confirmed and the site is reporting high counts for PGD. High levels of *Muggiaea atlantica* (jellyfish) have been identified during plankton counts. Paramove treatment conducted in week 43, post treatment mortality to the weaker, non feeding population. Mortality has begun to decreased following treatment.

Morts; 31/10 - 8/11/22 -9 Days 6758 fish 1.18%/site

lice levels at last count ; adult female - zero, total 0.33 all stages

wild caught wrasse on site; Skye, Wrasse mortality has been low

Paramove treatment week 43 for gill issues. 5 slice treatments since input, last one 18/9/22

Site thermometer used as error in T146

87000 morts in October from 99235 totals morts since input.

On inspection moribund fish observed in pen margins. Lesions observed on many fish, some single deep lesions and some fish with many lesions all over body surface. Lesions appeared in August prior to mort issues and bloom.

Mortalities generally incinerated on site but with increased mortalities incinerator unable to manage. Morts are been taken whole and stored at the shore base in Loch Spelve as this site is currently not stocked, is the only site in the disease managements area and Dunstaffnage does not have a suitable shore base. Morts been collected by Billy Bowie. Transport doc are at Spelve shore base so could not confirm the final destination of morts.

Case No:  Site No:

Date of Visit:  Inspector(s):

**Registration/Authorisation Details**

1. Business/site details summary checked by site representative?

2. Changes made to details?

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

Total No facilities	<input type="text" value="10"/>	Facilities stocked	<input type="text" value="10"/>	No facilities inspected	<input type="text" value="4"/>
Species	<input type="text" value="sal"/>	<input type="text" value="wrasse"/>			
Age group	<input type="text" value="2022 Q2"/>	<input type="text" value="mixed"/>			
No Fish	<input type="text" value="567,016"/>	<input type="text" value="20,148"/>			
Mean Fish Wt	<input type="text" value="1061g"/>	<input type="text" value="25g-200g"/>			
Next Fallow Date (Site)	<input type="text" value="uncertain"/>		Next Input Date (Site)	<input type="text" value="not known"/>	
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="CGI, AGD, PGD"/>				

**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: 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"/>	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"/>
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:	24/6/22- 7/11/22
--------------------------	------------------

Case no:  Site No:  Date of visit/  
Sampling:

Priority samples: VI  BA  PA  MG  HI

Time sampling starts/ends:   Inspector:  VMD No.

Environmental conditions: 1  2  3  4  5

Summary samples HIST  BA  MG  VI  PA  Total Samples

**Add Fish/Pools - click**

	Pool/Fish No	F1	F2	F3	F4	F5	P1						
	Fish nos	1	2	3	4	5	1-5						
	Pool Group	P1	P1	P1	P1	P1							
	Species	SAL	SAL	SAL	SAL	SAL							
	Average weight	900g	900g	900g	900g	900g	900g						
	Sex												
	Water Type	SW	SW	SW	SW	SW	SW						
Stock Details		Barcaldine Smolt Unit	Barcaldine Smolt Unit	Barcaldine Smolt Unit	Barcaldine Smolt Unit	Barcaldine Smolt Unit	Barcaldine Smolt Unit						
	Stock Origin												
	Facility No	6	6	6	6	10	10						

11/2022 Additional Sample Information:

Total Tests assigned

Sample ID	Sample Description	Sample Type	Sample Status	Sample Location	Sample Date	Sample Time	Sample Operator	Sample Lab	Sample Result	Sample Comment	Sample Notes	Sample Reference	Sample Other	Sample Total

Case no: 2022-0541

Site No: FS0299

Method of killing: Anaesthetic

Date of visit: 08/11/2022

Inspector(s):

Sheet Relevant: Y

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

Fish Number		1	2	3	4	5				
Time sampled after death (if > 45 minutes)					1.5h	1.5h				
External Signs										
Behaviour	Moribund	S	S	S	S	S				
	Lethargic	S	S	S	S	S				
	Hanging vertical									
	Spiralling									
	Flashing									
	Loss of equilibrium									
Body	Dark									
	Distended abdomen									
	Anorexic									
	Scale Oedema									
Opercula	Shortened									
	Flared									
Haemorrhaging	Throat									
	Ventrum									
	Base of fins									
	Elsewhere									
Eyes	Exophthalmic									
	Enophthalmic (sunken)									
	Cataract									
	Haemorrhagic									
Gills	Pale	S	S	S	S	S	S			
	Zoned									
	Necrotic	W	W	W	W	W	W			
Lesions	Flank	S	S	S	S	S	S			
	Elsewhere									
Vent	Inflamed									
	Trailing faeces									
Lice Load	Estimate numbers	0	0	0	0	0				
Internal Signs										
Ascites	Clear									
	Bloody									
Oedema	In tissues									
Heart	Pale/anaemic									
	Granulomas									
	Deformed									
Liver	Petechial haem			S						
	Gross haem									
	Tissue breakdown									
	Enlarged									
	Colour number(s)	2	2	2	2	6				
	Granulomas									
	Lesions									
Pyloric caeca	Petechial haem									
	Tubules mauve									
	Lack of fat				S					
Spleen	Enlarged	M	M							
	Granulomas									
Gut	No food present	S		S		S				
	Yellow pseudo-faeces		S		S					
	External haem									
	Internal haem				S					
Body wall	Haemorrhaging									
Swim bladder	Haemorrhaging									
	Fluid filled									
Kidney	Swollen									
	Grey									
	Granular									
	Liquefied									
General	Parasites present									
	Anaemia									

Case no: 2022-0541

Date of visit: 08/11/2022

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

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



Additional comments:

F1 - deep lesion, F2 deep lesion fluid filled gut, F3- surface lesion, choc chip liver, enlarged gall bladder, F4 spotted lesions all over flanks, inflamed hind gut, haemorrhaging on gills, F5 spot lesions over flanks, haemorrhaging on gills.

Case No: 2022-0541 Date of visit: 08/11/2022  
 Site No: FS0299 Inspector: [REDACTED]

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
MG Parather	5/5	15/11/2022		15/11/2022		18/01/2022		
MG Piscic	5/5	15/11/2022		15/11/2022		18/01/2022		
MG AGD	5/5	15/11/2022		15/11/2022		18/01/2022		
MG sal Pox	5/5	15/11/2022		15/11/2022		18/01/2022		
MG IPN	0/3	22/11/2022				18/01/2022		
MG ISA	0/3	22/11/2022				18/01/2022		
MG PMCV	0/3	22/11/2022				18/01/2022		
MG SAV	0/3	22/11/2022				18/01/2022		
MG VHS	0/3	22/11/2022				18/01/2022		
MG IHN	0/3	22/11/2022				18/01/2022		
VVIS	1/5	25/11/2022				18/01/2022		
VSPE	5/5	28/11/2022				18/01/2022		
GPAT	5/5	01/12/2022				18/01/2022		
EPIT	4/5	01/12/2022				18/01/2022		
SPAT	5/5	01/12/2022				18/01/2022		
SKIN	5/5	01/12/2022				18/01/2022		
PISH	2/5	01/12/2022				18/01/2022		
LPAT	4/5	01/12/2022				18/01/2022		
KPAT	4/5	01/12/2022				18/01/2022		
AMGD	5/5	01/12/2022				18/01/2022		
CGDH	5/5	01/12/2022				18/01/2022		
HPAT	4/5	01/12/2022				18/01/2022		
VI IPN, ISA, SAV, VHS, IHN	0/2	18/01/2022				18/01/2022		

Report Summary			
Case Type	Date	Insp	2 <sup>nd</sup> Insp
Diag	18/01/2022		

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0125	<b>DATE OF VISIT</b>	08/11/2022
<b>SITE No</b>	FS0299	<b>SITE NAME</b>	Dunstaffnage
<b>CASE No</b>	20220541	<b>INSPECTOR</b>	██████████

### Section 1: Summary

Dunstaffnage was inspected following reports of increased mortality by the farm operator. During the inspection moribund fish were observed and five fish were removed for diagnostic sampling.

Histopathology examination revealed mixed and complex pathology. There was pathology consistent with salmonid rickettsial septicaemia (SRS). This was confirmed by qPCR in all five fish tested. Gills displayed multifocal, mild, hyperplastic branchitis associated with complex gill issues. Lesions could also be associated with environmental factors. Epitheliocystis (likely *Brachiomonas* sp.) and amoebic gill disease were also observed. All fish were confirmed positive by qPCR for *Neoparamoeba perurans* (amoebic gill disease), *Paranucleospora theridion* and salmon poxvirus. Liver and kidney of F3 displayed mild zonal haemorrhagic hepatocellular necrosis and glomerular necrosis, potentially associated with systemic *Moritella* systemic infection/toxemia.

*Moritella viscosa* and two *Vibrio* spp were identified. The level and purity would not suggest they would be implicated in current 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

#### Observation

The site had been experiencing increased mortalities, peaking at 6.9% for the week starting 24/10/22 and attributed to environmental and gill health issues. On inspection moribund fish were observed at the pen margins. Lesions were observed on many fish, some single deep lesions and some fish with many smaller circular lesions all over their flanks. Five moribund fish were removed for diagnostic examination.

All the fish sampled had pale necrotic gills, with gill haemorrhaging in fish F4 and F5. Fish 1 had a large deep lesion above the anal fin. Fish 2 had two large lesions on the flank between the anal and pelvic fin. Fish 3 had a smaller lesion above the pelvic fin which appeared to be healing. Fish F4 and F5 had about seven small round lesions, described as cigarette burn type lesions, on both flanks. They also all had pale livers with petechial haemorrhages observed on the liver of F3. F1 and F2 had enlarged spleens. F1, F3 and F5 had no food in their gut with F2 and F3 having yellow pseudo faeces. F4 exhibited internal haemorrhaging of the gut.

## Samples

Samples were collected from five fish according to the table below:

Fish number	Pool number	Facility number	Species	Stage	Origin
1-4	1	6	Atlantic salmon	2022 Q2, 900g	Barcaldine smolt unit
5	1	10	Atlantic salmon	2022 Q2, 900g	Barcaldine smolt unit

## Results

**Bacteriology:** Kidney, gill and lesion material from five fish were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated;

*Vibrio* sp. (isolate a): kidney (1/5), lesion (5/5)

*Vibrio* sp. (isolate b): kidney (3/5), lesion (3/5)

*Moritella viscosa*: lesion (1/5)

The level and purity of the *Vibrio* sp. would not suggest they would be implicated in morbidity. *Moritella viscosa* was identified on plates taken from lesion material of 1/5 fish. Although *Moritella viscosa* is a primary fish pathogen, the level and purity observed would not suggest it would be linked to current fish morbidity.

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

### *Piscirickettsia salmonis*

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	18.09	23.75	23.62	23.71	POSITIVE
F2	19.19	23.02	22.85	23.29	POSITIVE
F3	18.78	31.31	30.82	31.12	POSITIVE
F4	18.17	35.92	36.24	35.72	POSITIVE
F5	19.32	26.14	25.92	26.14	POSITIVE

DNA sequence analysis was performed on kidney samples. The results confirmed the QPCR positive amplification of *Piscirickettsia salmonis*.

**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

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	19.84	25.5	25.44	25.41	POSITIVE
F2	19.02	24.74	24.46	24.53	POSITIVE

R09

Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB

Tel - 0131 244 3498 Fax - 0131 244 0944 Email - [ms.fishhealth@gov.scot](mailto:ms.fishhealth@gov.scot)

Website - [www.gov.scot/Topics/marine/science](http://www.gov.scot/Topics/marine/science)

<b>F3</b>	19.61	27.79	27.46	27.69	POSITIVE
<b>F4</b>	19.18	31.9	32.09	31.81	POSITIVE
<b>F5</b>	19.54	22.42	22.16	22.19	POSITIVE

From the samples tested by qPCR, F2, F3 and F4 tested negative for infectious haematopoietic necrosis virus (IHNV), infectious pancreatic necrosis virus (IPNV), infectious salmon anaemia virus (ISAV), salmonid alphavirus (SAV), viral haemorrhagic septicemia virus (VHSV) and piscine myocarditis virus (PMCV). The other two fish were also tested but have been reported as “no result”.

The two samples which presented no results by qPCR were run by cell culture for infectious haematopoietic necrosis virus (IHNV), infectious salmon anaemia virus (ISAV), and viral haemorrhagic septicemia virus (VHSV), Infectious pancreatic necrosis virus (IPNV) and Salmonid alphavirus (SAV). The results of these tests were negative.

### Parasitology:

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

#### *Neoparamoeba perurans* (AGD)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
<b>F1</b>	19.84	27.19	27.49	27.58	POSITIVE
<b>F2</b>	19.02	26.53	26.38	26.26	POSITIVE
<b>F3</b>	19.61	27.04	27.06	26.82	POSITIVE
<b>F4</b>	19.18	26.33	26.24	26.19	POSITIVE
<b>F5</b>	19.54	25.28	26.19	25.99	POSITIVE

#### *Paranucleospora theridion*

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
<b>F1</b>	19.84	22.01	22.09	21.77	POSITIVE
<b>F2</b>	19.02	21.79	21.42	21.57	POSITIVE
<b>F3</b>	19.61	21.45	21.54	21.39	POSITIVE
<b>F4</b>	19.18	23.7	23.69	23.32	POSITIVE
<b>F5</b>	19.54	20.64	20.9	20.83	POSITIVE

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

Histopathological examination revealed the following:

**Gill:** Filament hyperplasia and lamellar fusion mild, multifocal (F1-F5), filament necrosis, focal, mild (F1-F5), presence of few amoeboid cells resembling *Neoparamoeba perurans* observed in all fish and few basophilic epithelial inclusions (likely epitheliocystis) (F2-F5), some vascular disturbance also noticed. F2 exhibited a focally extended area with several intracellular round blue structures resembling bacteria (likely *Piscirickettsia* sp.), these bacteria stained Gram-negative and positive to Giemsa stain. F3 also displayed circulating inflammatory cells in the vessels and some haemorrhage, cell debris with rod-shaped bacteria associated.

R09

Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB

Tel - 0131 244 3498 Fax - 0131 244 0944 Email - [ms.fishhealth@gov.scot](mailto:ms.fishhealth@gov.scot)

Website - [www.gov.scot/Topics/marine/science](http://www.gov.scot/Topics/marine/science)

Skin & Muscle: Partial absence of epidermal layer, musculature necrosis and degeneration, some inflammatory cell infiltration and haemorrhage, presence of few intracellular round blue structures resembling bacteria (likely *Piscirickettsia* sp.) observed in F1 & F2 and other bacteria on the outer layer of the dermis observed in all fish. F4 displayed also congested vessels, haemorrhaged, inflammation and necrosis of skeletal read muscle

Heart: Small foci of cellular degeneration (F2) and inflammatory cells (F3-F5). Mild epicarditis (F2, F4). F2: no atrium.

Gut and pyloric caeca: Peritonitis, mild, multifocal (F2, F4, F5) and some haemorrhage, presence of some bacteria within the intestinal lumen (F1). F3: No Gut and pyloric caeca tissue in section.

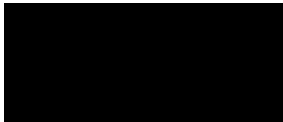
Pancreas: Within the normal range. F3: Pancreas tissue not in section.

Liver: Hepatocellular necrosis, mild, multifocal (F2). F3 exhibited random, mild, multifocal hepatocellular cell degeneration and necrosis, multifocal congestion and dilation of the hepatic sinusoids and foci of sinusoidal haemorrhage with several cells exhibiting granules of melanin. A varied number of hepatocytes exhibited cytoplasmic protein-like inclusion roughly spherical of varied size, some being brightly eosinophilic but the majority presented more basophilic properties, potentially linked to erythrocyte degradation. F4 and F5 displayed hepatocellular vacuolation (macrovisicules).

Kidney: F3 displayed several glomeruli displayed shrunken appearance, congested vessels and pink material potentially linked with erythrocyte degradation and some dilation of renal tube lumen. F1 and F2 displayed interstitial cell (haemopoietic) necrosis mild, multifocal and few round blue structures resembling bacteria (likely *Piscirickettsia* sp.) were also observed. F5 exhibited Interstitial cell (haemopoietic) necrosis, multifocal, mild.

Spleen: Necrosis, multifocal, mild (F1, F2, F5). some cuffing (F3, F4, F5), foci of cellular necrosis (F2).

Signed:



Date: 18/01/2023

Fish Health Inspector

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









