

Case No: 2024-0154 Date of visit: 04/06/2024

Time spent on site: 5 hours Main Inspector:

Site No: FS1341 Site Name: An Camus

Business No: FB0119 Business Name: Mowi Scotland Ltd

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

Water Temp (°C): 10.6 Thermometer No: T305 FHI 045 completed N/A

Observations: Region: WI Water type: S CoGP MA: W-20

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:

Additional Case Information:

Stock transferred onto site from Kingairloch (Loch Ness, Aquagen ova) in January and March 2024. Site was fallow for 6 months prior to transfer. Delayed input due to plankton in the area in October 2023, risk assessment completed for transfer between management areas. Salmon split into Marulaig Bay in May.

Lumpfish on site from Ocean Matters. Received first batch of locally wild caught ballan wrasse on 31 May (input into pen 7 with large grade as no lumpfish in this pen). Expect to input more wrasse to increase percentage stocked to ~2%.

Strategic treatment of fish with SLICE in April 2024. Freshwater treatment in May 2024 due to poor gill health.

Main cause of salmon mortalities is poor gill health and poor performers. Main mortality cause in lumpfish is Tenacibaculum (three cages of lumpfish treated with florfenicol post delivery). Mortalities are removed daily using Foover and sent to Whiteshore Cockles for disposal.

Two weekly mortality events above threshold not reported for previous cycle. In addition, the percentage for one weekly mortality event (wk 26 in 2023) was recorded incorrectly in the mortality event spreadsheet (reported correctly by company at the time). Corrected to 1.41%.

Fish feeding well, but had been on starve for 2 days due to presence of plankton. Approximately 1-3 floating dead fish seen in pens 1-6. Two moribunds removed from pen 1 plus two feeding fish from pen 1 for VMD, diagnostic samples taken from all fish.

Case No: **2024-0154** Site No: **FS1341**

Date of Visit: **04/06/2024** 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	7 cages	Facilities stocked	7 cages	No facilities inspected	7 cages
Species	SAL	LUM	WRS		
Age group	2023 Q4	2023	2024		
No Fish	411,811	46,588	412		
Mean Fish Wt	1.38Kg	Adult	Adult		
Next Fallow Date (Site)	May 2025		Next Input Date (Site)	November 2025	
Recent (last 4 wks) disease problems?			Y	Any escapes (since last visit)?	N
If yes, detail:	Poor gill health - PGD and AGD				

Movement Records

- 1. Movement records available for inspection? Y
- 2. Date of last inspection: **26/04/2022**
- 3. Are records complete and correctly entered? N
- 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? **Other (detail)**
 - If other detail: **Whiteshore Cockles, rendering**
 - 3. Mortality records complete and correctly entered? Y
- Salmon - Wk 19 (6/5/24) = 6,322 (1.14%), Wk 20 (13/5/24) = 15,358 (3.13%), Wk 21 (20/5/24) = 3,542 (0.84%), Wk 22 (27/2/24) = 4,481 (1.08%)
 Lumpfish - Wk 19 (6/5/24) = 938 (1.89%), Wk 20 (13/5/24) = 783 (1.61%), Wk 21 (20/5/24) = 434 (0.90%), Wk 22 (27/2/24) = 656 (1.38%)
 Wrasse - no observed mortality (input 5 days ago)
- 4. Recent mortality (last 4 wks):
 - 5. Evidence of recent increased/atypical mortalities? Y
 - If yes, facility nos/no mortality per facility/no stock per facility/reason:
pen 1 - 2,571 (4.23%), Pen 2 - 2,219 (2.762% and 0.757%), pen 3 - 2,531 (3.63%), pen 4 - 1,231 (1.95% and 0.286%), pen 5 - 3,840 (4.13% and 0.87%), pen 6 2,458 (3.52%) / Freshwater treatments and gill infections (fish also graded and moved between pens so recorded percentage mortality before and after movement for week 20 for certain pens)
 - 6. Any other peaks in mortality during period checked? N
 - 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

Treatments and Medicines Records

1. Recent treatments (see comment)?	<input type="checkbox"/>	Y
If yes, detail: TMS		
If other, detail:		
2. Medicines records available for inspection?	<input type="checkbox"/>	Y
3. Are records complete and correctly entered?	<input type="checkbox"/>	Y
4. Are fish in a withdrawal period?	<input type="checkbox"/>	Y
5. If yes, what treatment(s)?	<input type="checkbox"/>	TMS
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"/>	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). Poor gill health - PGD & AGD		

Records checked between:	26/4/2022 - 4/6/2024
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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								
	Fish nos	1	2	3	4								
	Pool Group												
Stock Details	Species	SAL	SAL	SAL	SAL								
	Average weight	0.7Kg	0.7Kg	1.3kg	1.3Kg								
	Sex	N/A	N/A	N/A	N/A								
	Water Type	SW	SW	SW	SW								
	Stock Origin	Kingairloch (Loch Ness)	Kingairloch (Loch Ness)	Kingairloch (Loch Ness)	Kingairloch (Loch Ness)								
	Facility No	1	1	1	1								

Case no: **2024-0154**

Site No: **FS1341**

Method of killing: **Percussive**

Date of visit: **04/06/2024**

Inspector(s): **[REDACTED]**

Sheet Relevant: **Y**

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

Fish Number		1	2	3	4				
Time sampled after death (if > 45 minutes)		80 min	90 min	100 min	110 min				
External Signs									
Behaviour	Moribund	S	S						
	Lethargic								
	Hanging vertical	S	S						
	Spiralling								
	Flashing								
Body	Loss of equilibrium								
	Dark								
	Distended abdomen								
	Anorexic								
Opercula	Scale Oedema								
	Shortened								
	Flared								
Haemorrhaging	Throat								
	Ventrum								
	Base of fins								
Eyes	Elsewhere								
	Exophthalmic								
	Enophthalmic (sunken)								
Gills	Cataract								
	Haemorrhagic								
	Pale								
Lesions	Zoned								
	Necrotic								
	Flank								
Vent	Elsewhere								
	Inflamed								
Lice Load	Trailing faeces								
	Estimate numbers								
Internal Signs									
Ascites	Clear								
	Bloody								
Oedema	In tissues								
	Pale/anaemic								
Liver	Granulomas								
	Deformed								
	Petechial haem								
Pyloric caeca	Gross haem								
	Tissue breakdown								
	Enlarged								
	Colour number(s)	4	4	3	4				
Spleen	Granulomas								
	Lesions								
	Petechial haem								
Gut	Tubules mauve								
	Lack of fat								
	Enlarged								
Body wall	Granulomas								
	Haemorrhaging								
	Swim bladder								
Kidney	Fluid filled								
	Swollen								
	Grey								
General	Granular								
	Liquefied								
	Parasites present								
	Anaemia								

Additional comments:

Fish 1 & 2 - some pale patches on gills

Case Number:	2024-0154	Site No:	FS1341	Insp:		
Date of Visit	04/06/2024	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				0
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		2
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		0
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		0
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				0
	Processing fish from MS of equivalent status	2				0
	Processing fish from zone or compartment of equivalent status	4				0
	Processing fish from Category III farm	8				0
	Processing fish from Category V farm	10				0
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				0
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				0
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		1
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				0
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				0
Platform access to cages	Yes	0				0
	No	2				0
Total Rank					20	MEDIUM

Case No:

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) 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)

Seal blinds Tensioned nets 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? (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)

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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?



Site No: FS1341
Case No: 2024-0154
Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology



Case No: **2024-0154** Date of visit: **04/06/2024**
 Site No: **FS1341** Inspector: **[REDACTED]**

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
ISA PCR	0/4	07/06/2024		07/06/2024		21/06/2024		
IPN PCR	0/4	07/06/2024		07/06/2024		21/06/2024		
PMCV PCR	0/4	07/06/2024		07/06/2024		21/06/2024		
VHS PCR	0/4	07/06/2024		07/06/2024		21/06/2024		
IHN PCR	0/4	07/06/2024		07/06/2024		21/06/2024		
SAV PCR	0/4	07/06/2024		07/06/2024		21/06/2024		
AGD PCR	1/4	07/06/2024		07/06/2024		21/06/2024		
PNST PCR	4/4	07/06/2024		07/06/2024		21/06/2024		
salmon gill pox PCR	2/4	07/06/2024		07/06/2024		21/06/2024		
PRV PCR	2/2	17/06/2024		17/06/2024		21/06/2024		
EPIT	2/4	17/06/2024		17/06/2024		21/06/2024		
GPAT	4/4	17/06/2024		17/06/2024		21/06/2024		
HPAT	4/4	17/06/2024		17/06/2024		21/06/2024		
LPAT	4/4	17/06/2024		17/06/2024		21/06/2024		
KPAT	2/4	17/06/2024		17/06/2024		21/06/2024		
VSPE	2/4	18/06/2024				21/06/2024		
NSIG	1/4	21/06/2024				21/06/2024		

Report Summary			
Case Type	Date	Insp	2 nd Insp
ECI/CNI/SLI/VMD	13/06/2024		
DIA	21/06/2024		

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF VISIT	04/06/2024
SITE No	FS1341	SITE NAME	An Camus
CASE No	20240154	INSPECTOR	██████████

Section 1: Summary

During a routine inspection two moribund Atlantic salmon were observed and removed for further examination and diagnostic sampling. A further two fish removed for sampling for veterinary residues were also included in the diagnostic sampling.

Histopathology examination revealed mild proliferative branchitis and some fish displayed mild, multifocal, myocarditis which could be potentially related to the presence of piscine reovirus (PRV), F3 and F4 tested positive for PRV by qPCR. Hepatocellular necrosis was also observed, and two fish displayed granulomatous inflammation.

Gill samples tested by qPCR were positive for the gill related pathogens *Neoparamoeba perurans*, *Paranucleospora theridion* and salmon gill poxvirus (SGPV).

A *Vibrio* sp. was identified. The level and purity of growth observed would not suggest this bacterium was a primary pathogen.

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

During a routine inspection two small moribund Atlantic salmon (F1 and F2) that were hanging vertically in the water were removed from pen 1 for further examination and diagnostic sampling. Two healthy fish (F3 and F4) were also removed from pen 1 for collection of samples for veterinary residues analysis and included in the diagnostic sample.

At the time of the inspection the site was stocked with 411,811 Atlantic salmon at 1.38 kg average weight, 46,588 lumpfish and 412 wrasse. Mortality levels on the site were generally low with the main causes of mortalities in the salmon attributed to poor gill health and poor performers. Mortality levels had increased in week 20 following freshwater treatments, but reduced in the following weeks.

F1 and F2 had pale patches on their gills. Internally F1, F2 and F3 had yellow pseudo faeces in the gut. No clinical signs or pathology were observed in F4.

Samples

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

R09

Fish number	Facility number	Species	Stage	Origin
F1-F4	1	Atlantic salmon	2023 Q4	Kingairloch (Loch Ness)

Results

Bacteriology: Kidney and gill and material from F1-F4 were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated:

- *Vibrio* sp.: F1 & F2 (kidney and gill)

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

Piscine reovirus (PRV) (only F3 and F4 tested)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F3	15.91	33.09	33.25	32.94	POSITIVE
F4	16.31	31.68	31.46	31.61	POSITIVE

Salmon gill poxvirus

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	-	-	-	-	Negative
F2	19.53	28.69	28.68	28.63	POSITIVE
F3	19.81	32.58	32.75	32.48	POSITIVE
F4	-	-	-	-	Negative

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

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)
F1	-	-	-	-	Negative
F2	19.53	31.35	31.20	31.71	POSITIVE
F3	-	-	-	-	Negative
F4	-	-	-	-	Negative

R09

Paranucleospora theridion

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	19.43	21.54	21.64	21.70	POSITIVE
F2	19.53	23.74	23.59	23.58	POSITIVE
F3	19.81	30.57	30.54	30.60	POSITIVE
F4	19.14	30.52	27.91	30.73	POSITIVE

Histology: Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from F1-F4. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

Gill: Lamellar hyperplasia and fusion, mild, multifocal (F1) with inflammatory cell infiltrate and foci of cellular necrosis and haemorrhage (F1, F2). F1 also displayed lamellar adhesions. Ranging from marked to moderate presence of basophilic epithelial inclusions (likely epitheliocystis) observed in F1 & F2. Some aneurysmal dilation/telangiectasia with multifocal thrombosis (F1-F4).

Skin & Muscle: Small area of red skeletal muscle inflammation (F3 & F4).

Heart: Mild, multifocal myocarditis (F1, F3, F4). F2 displayed some thrombi. Mild epicarditis (F1-F4).

Gut and pyloric caeca: Peritonitis, mild. F2 and F4 displayed a granulomatous inflammation in the abdominal tissue. Ranging from moderate to marked cellular sloughing potentially associated with autolysis artefacts (all fish).

Pancreas: Within the normal range.

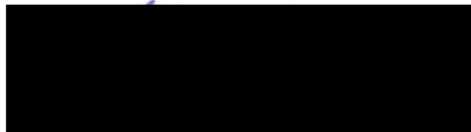
Liver: Few scattered necrotic hepatocytes (F1, F3) with foci of cellular inflammation observed in F3. Mild cuffing (F1, F2, F3) and F2 displayed hepatocellular necrosis, mild, multifocal. Hepatocellular vacuolation (macrovesicles), mild, diffuse (F4).

Kidney: Several renal tubules displaying hyaline droplets on the lumen epithelium (F1, F2). F2 displayed interstitial granulomatous inflammation.

Spleen: Mild granulomatous inflammation (F2).

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

Signed:



Date: 21/6/2024

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/policies/fish-health-inspectorate/)

R09

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF VISIT	04/06/2024
SITE No	FS1341	SITE NAME	An Camus
CASE No	20240154	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. Samples were taken for diagnostic purposes. A separate report will be issued detailing the results of these tests.

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 inadequately 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.

The following point was raised with the site representative during the inspection:

The FS number was missing for multiple movements onto the site from one source. The site number was added at the time of the inspection and no further action is required.

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: 13/6/2024

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/)



Fish 2