

Case No: Date of visit:

Time spent on site: Main Inspector:

Site No: Site Name:
 Business No: Business Name:

Case Types: 1 2 3 4 5 6

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

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

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:

Information taken from mort spreadsheet. From 10/10/2022 to 20/02/2023 site reported mortality events above threshold attributed to gill health (CGD & AGD). Tarp peroxide treatment in wk 43 2022, FHI visited in wk 45 2022 and DIA taken (SRS and complex gill found). FW treatment started wk 47 2022. Destocking through harvest commenced wk 50 2022. Gill health conditions continued and secondary bacterial infection identified wk 4 2023. FW treatment in February 2023 seemed to improve conditions and mortality events not reported until July 2023 when site harvested to fallow. Highest mortality reported wk 12.20%.

Stocking of wild caught wrasse planned for June 2024.

WRS mortality - peak 0.61% wk 8 2023, week 19 2023 100% mortality in pen 7 (616 fish) (7.45% for site for week); wk 23 2023 23% from pen 9 (5.05% for site for week); wk 24 2023 pen 9 63.99% (215 fish) (16.875% for site for week); wk 25 2023 pen 8 71.63% (101 fish) (23.74% for site for week); wk 26 2023 pen 1, 8 and 9 100% mortality (2769 fish, 40 fish and 40 fish respectively). Last reported wrasse mortality week 45, 2023 (0.09%, 25 fish for site for week). Currently no wrasse on site.

VMD samples were due at the site but fish were unable to be caught using a box net. Sample visit to be rearranged for later in the year.

Most recent lice count; 0.04 average lep juvs, 0.11 mobile lep, 0.03 Caligus, 0.03 average female leps.

Inspection and paperwork by [REDACTED] observed by [REDACTED]. Diagnostic sampling of fish 1,2 and 4 by [REDACTED] and fish 3 by [REDACTED] supervised by [REDACTED]

SLICE treatment carried out from 11/3/24-17/3/24, and currently undergoing a SLICE treatment which started 15/4/24. Treatments not carried out in synchrony but FMS details that they can be where appropriate and under vet guidance.

Health reports 9/4/24 0/10 AGD PCR

Health report; 17/1/23 SRS associated lesion, AGD. Site harvest 14/7/23 to South Shian and fallowed. Starting 3/9/23 fish were then moved on from Bloody Bay, fish were fresh water treated during transport. Some of these fish were harvested in Oct/Nov 2023 and some were moved back to Bloody Bay in Dec 2023. Fish health report 21/11/23 moving fish to Bloody Bay and harvesting - AGD 11/11, PRV 0/5, PMCV 2/5, Furunculosis 0/5, Pasturella 0/5, SRS 0/5. Gill issues and slight heart pathology. Site was then fallowed 6/12/23 until 1/2/24 when stocked with smolts from Barcaldine and Girlsta.

On inspection about 4 to 8 moribund fish were observed in each pen, many with lesion. 4 moribund fish were removed for sampling

Updated FMS received 12/6/24. No further outstanding issues. [REDACTED]

Case No: 2024-0092 Site No: FS0299

Date of Visit: 17/04/2024

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	/	Facilities stocked
Species	SAL	
Age group	2024 Q1	
No Fish	844,079	
Mean Fish Wt	344g	
Next Fallow Date (Site)	May 2025	Next Input Date
Recent (last 4 wks) disease problems?		N
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:

SLICE and Optomease

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)?

SLICE and O

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* (unclear) 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 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, c

6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission c (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 h

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:

8/11/22-17/4/

Inspector(s): [Redacted]

Y
Y

/	No facilities	/

ate (Site) Jan 2026
Any escapes (since last visit)? N

[Redacted] Y
08/11/2022
[Redacted] Y
[Redacted] N/A
[Redacted] N/A
[Redacted] N/A

[Redacted] Y
[Redacted] Y

[Redacted] Y

Incinerated - on site

[Redacted] Y

h; wk 13 0.06% 507 fish, wk 14 0.05% 408 fish;
mortality mainly attributed to failed smolts - 3rd

[Redacted] N

[Redacted] Y

[Redacted] Y

mortalities attributed to gill issues and SRS.
restocking occurred.

[Redacted] Y

	<input type="checkbox"/>	Y
	<input type="checkbox"/>	
	<input type="checkbox"/>	Y
	<input type="checkbox"/>	Y
	<input type="checkbox"/>	Y
ptomease	<input type="checkbox"/>	
	<input type="checkbox"/>	Y
	<input type="checkbox"/>	
	<input type="checkbox"/>	Y
	<input type="checkbox"/>	Y
explained) mortality at the site	<input type="checkbox"/>	Y
been included and <i>how</i> and	<input type="checkbox"/>	Y
	<input type="checkbox"/>	Y
certification if required)?	<input type="checkbox"/>	Y
of disease been covered	<input type="checkbox"/>	Y
held on site?	<input type="checkbox"/>	Y
	<input type="checkbox"/>	Y
	<input type="checkbox"/>	Y
	<input type="checkbox"/>	Y
AGD negative 0/10 report dated 9/4/24.	<input type="checkbox"/>	
	<input type="checkbox"/>	
24	<input type="checkbox"/>	

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	P1	P2	P3	P4								
Species	SAL	SAL	SAL	SAL								
Average weight	300g	300g	300g	300g								
Sex												
Water Type	SW	SW	SW	SW								
Stock Details												
	Stock Origin	Girlsta	Girlsta	Girlsta	Girlsta							
Facility No	7	7	7	7								

Case no: 2024-0092

Site No: FS0299

Method of killing: Percussive

Date of visit: 17/04/2024

Inspector(s):

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

Additional comments:

F1, pectoral fin missing and small amount of clear ascites in body cavity, adhesions and melanisation in body cavity - small amount. F2 lesion through to body cavity in pectoral fin area and caudal fin badly damaged. F4 pectoral fin missing.

Case Number:	2024-0092	Site No:	FS0299	Insp:		
Date of Visit	17/04/2024	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	
	Number of suppliers	0	5	10	14	
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		2
	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		1
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				
	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		0
	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					16	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) and if so, have these been 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) and if so, 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)
- Top nets, seal pro nets, nets are tensioned.
- 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)

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Site No: FS0299

ectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can

N
Y
Y

valent)?

Y

Y
Y

d? (CoGP Annex 6)

Y

w/b 10/6/19) during the period that records are inspected?

N
N/A
N
N/A

r treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)

Y
Y
N
Y

the escalation of a sea lice infestation?

Y
Y

N
Y

N

iP – 4.4.38, 5.4.18)

Y

Case No: 2024-0092

Site No: FS0299

Date of Visit: 17/04/2024

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: FS0299
Case No: 2024-0092
Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology



Case No: **2024-0092** Date of visit: **17/04/2024**
 Site No: **FS0299** Inspector: **[REDACTED]**

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
MG AGD	0/4	23/04/2024		23/04/2024		17/06/2024		
MG Para ther	2/4	23/04/2024		23/04/2024		17/06/2024		
IHN (PCR) - IHNP	0/4	23/04/2024		23/04/2024		17/06/2024		
Salmonid alphavirus (SAV) (PCR) - SALP	0/4	23/04/2024		23/04/2024		17/06/2024		
IPN (PCR) - IPNM	0/4	23/04/2024		23/04/2024		17/06/2024		
ISA (real time qPCR - heart & kidney) - ISAQ	0/4	23/04/2024		23/04/2024		17/06/2024		
Piscine myocarditis virus (CMS) (PCR) - PMVP	0/4	23/04/2024		23/04/2024		17/06/2024		
VHS (PCR) - VHSP	0/4	23/04/2024		23/04/2024		17/06/2024		
MG SAL POX	0/4	23/04/2024		23/04/2024		17/06/2024		
VSPE	2/4	02/05/2024		02/05/2024		17/06/2024		
VVIS	3/4	02/05/2024		02/05/2024		17/06/2024		
PSFL	4/4	02/05/2024		02/05/2024		17/06/2024		
SPAT	3/4	07/06/2024		07/06/2024		17/06/2024		
ADHE	2/4	11/06/2024				17/06/2024		
PMCH	1/4	07/06/2024		07/06/2024		17/06/2024		
SKIN	3/4	07/06/2024		07/06/2024		17/06/2024		

Report Summary			
Case Type	Date	Insp	2 nd Insp
ECI, CNI, SLI	22/05/2024		
DIAG	17/06/2024		
Case complete	17/06/2024		

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0125	DATE OF VISIT	17/04/2024
SITE No	FS0299	SITE NAME	Dunstaffnage
CASE No	20240092	INSPECTOR	

Section 1: Summary

The site was visited for a routine visit. On inspection of the pens several moribund fish were observed at the margins. Four were removed for diagnostic examination and subsequent sampling.

Histopathology examination revealed bacterial ulcerative pathology on the skin of two fish and F3 displayed high numbers of Gram-negative rod-shaped bacteria colonies on the skin. F2 displayed post-mortem artefacts. Marked necrotising splenitis was also observed (F4) and F3 displayed peritonitis with presence high numbers of Gram-negative rod-shaped bacterial colonies. F2 exhibited pericarditis with a few Gram-negative rod-shaped bacteria.

The fish sampled tested positive using qPCR for *Paranucleospora theridion*.

Moritella viscosa was identified on plates taken from kidney material. As a primary fish pathogen its presence is a risk to fish health. *Pseudomonas fluorescens* was identified on plates taken from kidney, lesion and gill material. The purity of growth observed would not suggest these bacteria are the primary source of morbidity, however, the level of growth would raise concern for overall fish health.

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

Dunstaffnage was visited for a routine inspection. At the time of the visit site mortality levels were low, with reported levels ranging from 0.03% to 0.06% per week for in the last 4 weeks. These mortalities were attributed to failed smolts.

On inspection of the pens approximately four to eight moribund fish were observed in each pen, many with lesions. Four moribund fish were removed for diagnostic examination.

Externally all four fish were dark in colour. F1 had a shortened opercula and exophthalmia. F1, F2 and F4 were missing a pectoral fin. F2 displayed an inflamed vent and had a large lesion where the pectoral fin should have been. This penetrated through the skin exposing the body cavity. It also had a badly eroded caudal fin.

Internally F1 had clear ascites in the body cavity as well as adhesions and melanisation. Haemorrhaging was observed on the gut of F2. F3 and F4 displayed enlarged spleens.

Samples

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

R09

Fish number	Facility number	Species	Stage	Origin
F1-F4	7	Atlantic salmon	2024 Q1, 300g	Girlsta

Results

Bacteriology: Kidney and gill material from four fish and lesion material from one fish was inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated:

- *Vibrio* sp.: F2 & F4 (kidney), F2 (skin lesion)
- *Moritella viscosa*: F1, F2 and F4 (kidney)4
- *Pseudomonas fluorescens*: F3 (kidney) ,F2 (skin lesion),F1-F4 (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).

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), salmon gill poxvirus (SGPV), 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	21.86	>40	>40	>40	POSITIVE
F2	-	-	-	-	Negative
F3	21.66	36.82	37.65	37.66	POSITIVE
F4	-	-	-	-	Negative

The samples tested negative for *Neoparamoeba perurans* (AGD).

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

Histopathological examination revealed the following:

Gill: Few individual small foci of lamellar hyperplasia (F3). F2: Reading hindered by post-mortem artefacts.

Skin & Muscle: F1: two foci of musculature haemorrhage. F2 lesion: Partial absence of the epidermis and some bacteria observed on the dermal outer layer. F3 displayed marked focal necrosis with haemorrhaging and high numbers Gram-negative bacteria.

R09

Heart: Marked epicarditis with few Gram-negative rod-shaped bacteria (F2).

Gut and pyloric caeca: Peritonitis, ranging from mild to moderate (F1, F3) and F3 with presence of intracellular Gram-negative bacteria colonies. F2 displayed some cell sloughing potentially associated with post-mortem artefact).

Pancreas: Within the normal range. F2: Post-mortem artefact hindered the reading.

Liver: Sinusoidal hyperaemia (F1).

Kidney: Foci of interstitial necrosis with occasional rod-shaped bacteria (F2, F3).

Spleen: F1 displayed some parenchymal necrosis, F3 multifocal, moderate parenchymal necrosis occasional rod-shaped bacteria and F4 severe, diffuse and no observed bacteria. F2: Post-mortem artefact hindered the reading.

Brain: Within the normal range.

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

Signed:



Date: 18/06/2024

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 HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0125	DATE OF VISIT	17/04/2024
SITE No	FS0299	SITE NAME	Dunstaffnage
CASE No	20240092	INSPECTOR	[REDACTED]

Case completion report

Recommendations in relation to the above case were made for implementation by 21st June 2024. Following submission of the required documentation, evidence has now been provided to the Fish Health Inspectorate to demonstrate that the recommendations have been implemented.

This case will now be closed. This site may be subject to further audit and recommendations in the future.

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

Signed:

[REDACTED]

Fish Health Inspector

Date: 17/06/2024

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 HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0125	DATE OF VISIT	17/04/2024
SITE No	FS0299	SITE NAME	Dunstaffnage
CASE No	20240092	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 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 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.

Medicine records were inspected and found to be adequately maintained.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

R25

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, containment and escapes.

The farm management statement was inspected and found to be inadequately maintained. Please see the attached annex detailing the points that must be addressed.

Please ensure that these points have been addressed by 21/06/2024. Records or documentation demonstrating that these points have been addressed should be sent to the Fish Health Inspectorate (contact details below). The site may be subject to further inspection or enforcement action should the appropriate action regarding the above points not be taken within the time period stipulated.

Please contact myself or the duty inspector should you require any assistance or clarification in implementing any requirement or recommendation detailed in this report.

Signed: 
Fish Health Inspector

Date: 22/05/2024

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/)

Annex - The Aquaculture and Fisheries (Scotland) Act 2007

Section 4A of the Aquaculture and Fisheries (Scotland) Act 2007, as amended, introduces the requirement for a person carrying out the business of fish farming within a farm management area⁽¹⁾ to;

(a) be party to a farm management agreement, or prepare and maintain a farm management statement, in relation to the fish farm, and

(b) ensure that the fish farm is managed and operated in accordance with the agreement or statement.

To ensure compliance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, the following points must be addressed in the farm management statement

- The statement or agreement must identify the date of review (farm management agreements or statements must be reviewed at least every two years).

The statement or agreement must include arrangements for;

- The management of parasites⁽²⁾
This must include arrangements for the requirements for sensitivity testing.

⁽¹⁾ Farm management area means an area specified as such in the Code of Good Practice for Scottish Finfish Aquaculture

⁽²⁾ Parasites as defined in The Aquaculture and Fisheries (Scotland) Act 2007 which means *Caligus elongatus* and *Lepeophtherius salmonis*









