Case No: 2025-0342 Date of visit: 05/09/2025

Additional inspector(s): Main Inspector: [redacted]

Site No: SS0083 Site Name: South Side of Loch Feochan
Business No: SB0054 Business Name: J.P.D.Korff & D.T.Williams

Case Types: 1 REG 2 3 4 5 6

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

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.
Post mortem signs 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:

No movements onto site have occurred since 2000-2001. Any oysters that are moved offsite are for human consumption for site representative and friends. Site is now fallow and no equipment is left onsite. Site and business is to be deregistered. There are no plans to stock or continue farming in the future. Lease is also to be surrendered. Authorisation amendment paperwork has been submitted.

Case No: 2025-0342 Site No: SS0083

Date of Visit: 05/09/2025 Main Insp: [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	0	Facilities stocked	0	No facilities inspected	0		
Species							
Age group							
No Fish							
Mean Fish Wt							
Next Fallow Date (Site)	fallow	Next Input Date (Site)	N/A				
Recent (last 4 wks) disease problems?	N/A	Any escapes (since last visit)?	N/A				
If yes, detail:							

Movement Records

1. Movement records for **all species** held available for inspection?	Y
2. Date of last inspection:	06/06/2023
3. Are records complete and correctly entered?	Y
4. Are movement records available for dead fish and waste?	N/A
5. Are records complete and correctly entered?	N/A
6. Have all introductions and imports (since last inspection) from outwith the GB health zone been recorded the movement records?	N/A

Transport Records

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

Mortality Records

1. Mortality records for **all species** held available for inspection?	N/A
2. How are mortalities disposed of?	Other (detail)
If other detail:	N/A site is to be deregistered
3. Mortality records complete and correctly entered?	N/A
4. Recent mortality (last 4 wks):	site fallow
5. Evidence of recent increased/atypical mortalities?	N/A
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)?
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 *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: 06/06/2023-05/09/2025

Case No: 2025-0342 Date of visit: 05/09/2025

Site No: SS0083 Main Insp: [redacted]

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

Report Summary			
Case Type	Date	Insp	2nd Insp
REG	08/09/2025		

Fish Health Inspectorate visit report

Summary for information of site operator

Buisiness no:	SB0054	Date of visit:	05/09/2025
Site no:	SS0083	Site name:	South Side of Loch Feochan
Case no:	20250342	Inspector:	[redacted]

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009 to confirm that there were no production facilities in the farming area to allow the site to be deregistered, as well as the business.

The area was inspected from the shore and it was confirmed that no farming equipment was in place.

The movement records were available and confirmed that no movements on or off site have occurred since the last inspection.

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

Signed: [redacted] Date:08/09/2025

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)

R10

UKAS Accredited Inspection Body - Type C No. 0269
Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Telephone – 0131 244 3498
Email – ms.fishhealth@gov.scot
Fish Health Inspectorate Website

Case No: 2025-0343 Date of visit: 17/09/2025

Additional inspector(s): [redacted] Main Inspector: [redacted]

Site No: FS1269 Site Name: Lochailort Recirculation Hatchery
Business No: FB0119 Business Name: Mowi Scotland Ltd

Case Types: 1 ECS 2 CNI 3 VMD 4 5 6

Water Temp (°C): 14.5 Thermometer No: Site FHI 045 completed Y

Observations: Region: HI Water type: F CoGP MA

Dead/weak/abnormally behaving fish present?	Y	If yes, see additional information/clinical score sheet.
Clinical signs of disease observed?	N	If yes, see additional information/clinical score sheet.
Post mortem signs 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:

Additional Case Information:

During the inspection the stock were observed to be in good condition, shoaling and feeding well. Very little number of mortalities and moribunds were observed across the site. Due to the site temperature being above 14 degrees a 30 fish EC sample was taken. The site thermometer was used for biosecurity reasons. Sampled fish appeared healthy both internally and externally. Record & document check, site inspection and sampling conducted by [redacted], observed by [redacted] and UKAS assessors.

Mortality for the past 3 weeks (FHI visit week 35):
Fry - Week 35: 6728 (0.25%), Week 36: 3,415 (0.129%), Week 37: 2,881 (0.11%)

Parr/smolts - Week 35: Q4 1,150 (0.05%) + Q1 7,754 (0.3%), Week 36: Q4 366 (0.03%) + Q1 1,605 (0.06%), Week 37: All Q4 transferred out, Q1 3,621 (0.13%) due to grading and handling.

Cress/Formalin treatments: Fry 3rd and 8th of September. Q1 parr week 37 (post handling).

Case No: 2025-0343 Site No: FS1269

Date of Visit: 17/09/2025 Main Insp: [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	56	Facilities stocked	41	No facilities inspected	56		
Species	Atlantic salmon	Atlantic salmon					
Age group	Fry	Q1 parr					
No Fish	2,458,469	2,821,664					
Mean Fish Wt	1.5g	35g					
Next Fallow Date (Site)	Never fallow		Next Input Date (Site)	End of October 2025			
Recent (last 4 wks) disease problems?		Y	Any escapes (since last visit)?		N		
If yes, detail:	Fungus, site visited by FHI on 29/08/25 (case 2025-0338).						

Movement Records

1. Movement records for **all species** held available for inspection?	Y
2. Date of last inspection:	29/08/2025
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. Have all introductions and imports (since last inspection) from outwith the GB health zone been recorded in the movement records?	N/A

Transport Records

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

Mortality Records

1. Mortality records for **all species** held 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):	See additional info.
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
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)?							Y
If yes, detail:	Cress	Formalin	T.M.S.				
If other, detail:							
2. Medicines records available for inspection?							Y
3. Are records complete and correctly entered?							Y
4. Are fish in a withdrawal period?							Y
5. If yes, what treatment(s)?			T.M.S.	Formalin			
If other, detail:							
6. Are medicines stored appropriately?							Y

Biosecurity Records

1. Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
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?	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 *how* and *when* that will be notified to Scottish Ministers?	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)?	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.)?	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	Y
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	

Results of Surveillance

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	N
If yes, detail (if not detailed under recent disease problems).	

Records checked between:	19/09/2024 - 17/09/2025

Case no:	2025-0343	Site No:	FS1269	Date of visit/ Sampling:	17/09/2025	17/(							
Priority samples:	VI		BA		PA		MG		HI				
Time sampling starts/ends:	12:00:00	15:00:00	Main Insp:		VMD No.	17							
Environmental conditions:	1	Indoors	2		3		4		5				
Summary samples	HIST		BA		MG	Y	VI		PA		Total Samples		

Add Fish/Pools - click button

	Pool/Fish No	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	P12
	Fish nos	1-5	6	7	8	9	10	11	12	13	14	15	16-20
	Pool Group												
Stock Details	Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
	Average weight	30g	1.5g	1.5g	1.5g	1.5g	1.5g	1.5g	1.5g	1.5g	1.5g	1.5g	25g
	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	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW
	Stock Origin	Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)
	Facility No	T39	T16	T16	T16	T16	T16	T16	T16	T16	T16	T16	T47

09/2025	Additional Sample Information:
	Fish dispatched with anaesthetic overdose.

14 Total Tests assigned 3

P13	P14														
21-25	26-30	31-38	39-46	47-58	59-75	76-91									
SAL	SAL	SAL	SAL	SAL	SAL	SAL									
36g	36g	36g													
N/A	N/A	N/A	N/A	N/A	N/A	N/A									
FW	FW	FW	FW	FW	FW	FW									
Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)	Inverpolly (FS0264)									
T54	T50	T54	T50	T53	T49	T52									.

Case Number:	2025-0343		Site No:	FS1269	Main Insp:	
Date of Visit	17/09/2025					

		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 British Islands (non-GB).	0	5	10	14	0
	Frequency of movements on from a third country	0	9	18	26	9
	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	6
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				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		**30**
				Rank		**HIGH**

Case No: 2025-0343 Site No: FS1269

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 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 weekly average adult female sea lice counts at or above the intervention level been reported accurately?

If no, please detail in additional information.

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

Site inside					

If other, detail below:

Pest control

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

Case No: 2025-0343 Date of visit: 17/09/2025

Site No: FS1269 Main Insp:

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2nd Insp
VHSP	0/14	25/09/2025				25/09/2025		
IHNP	0/14	25/09/2025				25/09/2025		

Report Summary			
Case Type	Date	Insp	2nd Insp
ECS, CNI, VMD	25/09/2025		

Scottish Government
Riaghaltas na h-Alba

Fish Health Inspectorate visit report

Summary for information of site operator

Business no:	FB0119	Date of visit:	17/09/2025
Site no:	FS1269	Site name:	Lochailort Recirculation Hatchery
Case no:	20250343	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.

All epidemiological units were inspected.

On this occasion, due to the water temperature being above 14ºC, samples were taken to test for the presence of viral haemorrhagic septicaemia virus (VHSV) and infectious haematopoietic necrosis virus (IHNV).
The Inspector did not observe any clinical signs associated with the listed diseases as described in the Aquatic Animal Health (Scotland) Regulations 2009.

Samples

30 Atlantic salmon were tested for the presence of viral haemorrhagic septicaemia virus (VHSV) and infectious haematopoietic necrosis virus (IHNV). Samples were collected according to the table below:

Fish number	Pool number	Facility number	Stage	Origin
1-5	1	T39	Parr, 30g	Inverpolly (FS0264)
6-15	2-11	T16	Fry, 1.5g	
16-20	12	T47	Parr, 25g	
21-25	13	T54	Parr, 36g	
26-30	5	T50	Parr, 36g	

The samples tested **negative** for IHNV and VHSV.

R04

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Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Telephone – 0131 244 3498
Email – ms.fishhealth@gov.scot
Fish Health Inspectorate Website

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.

Mortality records were inspected and found to be adequately maintained.

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

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.

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 with respect to section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory.

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Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Telephone – 0131 244 3498
Email – ms.fishhealth@gov.scot
Fish Health Inspectorate Website

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

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

Signed: [redacted] Date: 25/09/2025

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)

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Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
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Fish Health Inspectorate Website

Case No: 2025-0347 Date of visit: 18/09/2025

Additional inspector(s): Main Inspector: [redacted]

Site No: FS0265 Site Name: Inverkerry Smolt Unit
Business No: FB0061 Business Name: Landcatch Natural Selection Ltd

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

Water Temp (°C): 12 Thermometer No: T306 FHI 045 completed N/A

Observations: Region: HI Water type: F CoGP MA:

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.
Post mortem signs 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:

Reported mort events; 1/8/25-7/8/25 8g 11.72% 343184 fish unexplained

8/9/25-14/9/25 10g 11.97% environmental challenge/ bacterial gill disease 303075 fish. Pyceze and Chloramine-T treatments. A change from Pyceze to Chloramine-T treatments has proven effective with mortality dropping significantly from Friday onwards. Appetite in the surviving stock has noticeably improved.

Fish (2026 s1) were moved on from Inverpolly Hatchery (FS0264) from the 1/8/2025 to the 15/8/2025, had furunculosis prior to visit from FHI on 27/8/25 and were treated with antibiotics. This issue resolved after treatment and is considered separate from the last two reported mortality events which are being attributed to gill disease and environmental challenges.

Mortalities since last inspection on 27/8/25(3 weeks). 692084 (29.57%) - all stocks. 682343 (51%) in small parr and 9741 in large parr. Small parr (B tanks) have been lethargic, not responding to human activity and moribund.

Larger parr will be moved to Loch Awe in November. Small parr were due to go to Loch Damph but because of mort issues this is now undecided.

Treatments 12/9, 15,9 and 10/9 Chloramine T treatment in small parr. 11/9, 9/9, and 7/9 Bronopol - Pyceze in small parr. Floricol treatment ended 22/8/25 in small parr (225DD). Larger parr were sampled for VMD and were treated with formalin 17/9/25

Health reports STIM (fish vet group); 15/9/25 Gill pathology suggestive of suboptimal environmental conditions, apoptosis. Suspicion of SGPV. Organic debris and small rod-shaped bacteria on gills- atypical bacterial gill disease.

Health reports STIM (fish vet group); 8/9/25; Moderate gill pathology suggestive of environmental insult, glochidia parasite, PCR SGPV 6/6, IPN 0/6 Aeromonas salmonicidia 0/6

Health reports STIM (fish vet group); 4/9/25 PCR; RTFS 0/7, IPN 0/7, IPN 0/7, Aeromonas salmonicidia 0/7, ERM 0/7

On inspection of the tanks the small parr (B tanks) had 15-30 moribund fish in the mort removal side tanks.

Case No: 2025-0347 Site No: FS0265

Date of Visit: 18/09/2025 Main Insp: [redacted]

Registration/Authorisation Details

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

Site Details (include cleaner fish for all sections)

Total No facilities	69	Facilities stocked		32	No facilities inspected		69
Species	Atlantic salmon	Atlantic salmon					
Age group	Parr	Parr					
No Fish	1,015,725	634,000					
Mean Fish Wt	37g	7g					
Next Fallow Date (Site)	spring 2026		Next Input Date (Site)		unknown		
Recent (last 4 wks) disease problems?		Y	Any escapes (since last visit)?				N
If yes, detail:	Gill health issues						

Movement Records

1. Movement records for **all species** held available for inspection?	Y
2. Date of last inspection:	27/08/2025
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. Have all introductions and imports (since last inspection) from outwith the GB health zone been recorded the movement records?	Y

Transport Records

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

Mortality Records

1. Mortality records for **all species** held available for inspection?	Y
2. How are mortalities disposed of?	Ensiled - on site
If other detail:	
3. Mortality records complete and correctly entered?	Y
4. Recent mortality (last 4 wks):	see additional information
5. Evidence of recent increased/atypical mortalities?	Y

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

all small parr tanks (B tanks) - gill health and environmental insult.

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?	Y
If yes, detail action:	samples taken and treatments given, FHI visit
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)?							Y
If yes, detail:	Chloramine T	Pyceze	Florfenicol				
If other, detail:							
2. Medicines records available for inspection?							Y
3. Are records complete and correctly entered?							Y
4. Are fish in a withdrawal period?							N
5. If yes, what treatment(s)?							
If other, detail:							
6. Are medicines stored appropriately?							Y

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

Records checked between:	28/8/25-18/9/25

Case no:	2025-0347	Site No:	FS0265	Date of visit/ Sampling:	18/09/2025	18/(							
Priority samples:	VI		BA		PA		MG		HI				
Time sampling starts/ends:	13:00:00	14:00:00	Main Insp:		VMD No.	4							
Environmental conditions:	1	Indoors	2		3		4		5				
Summary samples	HIST	Y	BA	Y	MG	Y	VI	Y	PA	Y	Total Samples		

Add Fish/Pools - click button

	Pool/Fish No	P1	P2	P3	P4	P5	P6	P7	P8	P9	P10	P11	
	Fish nos	1	2	3	4	5	6	7	8	9	10	11-15	16-32
	Pool Group												
Stock Details	Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
	Average weight	8g	8g	8g	8g	8g	8g	8g	8g	8g	8g	8g	50g
	Sex												
	Water Type	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW
	Stock Origin	Inverpolly FS0264	Inverpolly FS0264	Inverpolly FS0264	Inverpolly FS0264	Inverpolly FS0264	Inverpolly FS0264	Inverpolly FS0264	Inverpolly FS0264	Inverpolly FS0264	Inverpolly FS0264	Inverpolly FS0264	Inverkerry Hatchery FS1061
	Facility No	B2	B2	B2	B2	B2	B1	B1	B1	B1	B1	B1	H5

09/2025 Additional Sample Information:

No spleen in histo sample F1.

11 Total Tests assigned 10

Case no: 2025-0347 Site No: FS0265 Method of killing: Anaesthetic

Date of visit: 18/09/2025 Main Insp: [redacted] Sheet Relevant: Y

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

Fish Number		1	2	3	4	5	6	7	8	9	10
Time sampled after death (if > 45 minutes)											
External Signs											
Behaviour	Moribund	S	S	S	S	S	S	S	S	S	S
	Lethargic	S	S	S	S	S	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	S	S	S	S
	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)	1	1	1	1	1	1	1	1	1	1
	Granulomas										
	Lesions										
Pyloric caeca	Petechial haem										
	Tubules mauve										
	Lack of fat										
Spleen	Enlarged										
	Granulomas										
Gut	No food present	S	S	S	S	S	S	S	S	S	S
	Yellow pseudo-faeces										
	External haem										
	Internal haem			S							
Body wall	Haemorrhaging										
Swim bladder	Haemorrhaging										
	Fluid filled										
Kidney	Swollen										
	Grey										
	Granular										
	Liquefied										
General	Parasites present										
	Anaemia										

Case no: 2025-0347

Date of visit: 18/09/2025

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

Fish Number		11	12	13	14	15					
Time sampled after death (if > 45 minutes)											
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					
	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)	1	1	1	1	1					
	Granulomas										
	Lesions										
Pyloric caeca	Petechial haem										
	Tubules mauve										
	Lack of fat										
Spleen	Enlarged										
	Granulomas										
Gut	No food present	S	S	S	S	S					
	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:

All fish sampled were removed from the mort tank pressed against the screen but still alive.

Case No: 2025-0347 Date of visit: 18/09/2025

Site No: FS0265 Main Insp:

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2nd Insp
IHN PCR	0/5	24/09/2025		24/09/2025		03/11/2025		
VHS PCR	0/5	24/09/2025		24/09/2025		03/11/2025		
SAV PCR	0/5	24/09/2025		24/09/2025		03/11/2025		
IPN PCR	0/5	24/09/2025		24/09/2025		03/11/2025		
SPVP	5/5	24/09/2025		24/09/2025		03/11/2025		
GSAL	0/5	29/09/2025		21/10/2025		03/11/2025		
AERH	4/5	30/09/2025		21/10/2025		03/11/2025		
GPAT	5/5	30/09/2025		21/10/2025		03/11/2025		
HPAT	3/5	30/09/2025		21/10/2025		03/11/2025		
KPAT	4/5	30/09/2025		21/10/2025		03/11/2025		
LPAT	5/5	30/09/2025		21/10/2025		03/11/2025		
SPAT	4/5	30/09/2025		21/10/2025		03/11/2025		
AERO PCR	3/3	21/10/2025		21/10/2025		03/11/2025		
PSPE	2/5	21/10/2025		21/10/2025		03/11/2025		
LAPI	1/5	21/10/2025		21/10/2025		03/11/2025		

Report Summary			
Case Type	Date	Insp	2nd Insp
Diag	05/11/2025		
VMD	10/11/2025		

Scottish Government
Riaghaltas na h-Alba

Fish Health Inspectorate visit report

Summary for information of site operator

Business no:	FB0061	Date of visit:	18/09/2025
Site no:	FS0265	Site name:	Inverkerry Smolt Unit
Case no:	20250347	Inspector:	[redacted]

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

The above site was visited in accordance with the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 2015.

Samples were taken to be analysed for veterinary residues.

In addition, samples were taken for diagnostic purposes. A separate report will be issued detailing the results of these tests.

Records

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

Medicine records were inspected and found to be adequately maintained.

Aquaculture animal and aquaculture animal product movement records were inspected and appeared to be adequately maintained.

Mortality records were inspected and found to be adequately maintained.

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

Signed: [redacted] Date: 10/11/2025

Fish Health Inspector

R20

UKAS Accredited Inspection Body - Type C No. 0269
Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Telephone – 0131 244 3498
Email – ms.fishhealth@gov.scot
Fish Health Inspectorate Website

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)

R20

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Fish Health Inspectorate Website

Scottish Government
Riaghaltas na h-Alba

Fish Health Inspectorate visit report

Summary for information of site operator

Business no:	FB0061	Date of visit:	18/09/2025
Site no:	FS0265	Site name:	Inverkerry Smolt Unit
Case no:	20250347	Inspector:	[redacted]

Section one: summary

Inverkerry Smolt Unit was visited following reported increased mortalities. Fifteen fish were removed for diagnostic examination.

Histopathology examination revealed features consistent with a systemic bacterial infection resembling *Aeromonas* sp.. Minor gill pathology was also observed.

Following on from the histopathology results, testing for *Aeromonas salmonicida* was requested by QPCR from histology blocks. These tested positive. The fish also tested positive for salmonid gill poxvirus by PCR.

Pseudomonas sp. and *Pseudolactococcus piscium* were both isolated on plates taken from the fish.

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 two: case detail

Inverkerry Smolt Unit had been reporting mortality increased mortality levels since August 2025 that were attributed to furunculosis. The inspectorate visited the site on 27/8/25. At the time of this visit the fish had received an antibiotic treatment and mortality on the site had improved. However, from 1st September mortality levels began to increase again and the cause was attributed to an environmental challenge and bacterial gill disease. A total of 343,184 fish had died in the week beginning 1/9/25 and 303,075 the week beginning 8/9/25. This mortality was mainly observed in the smaller parr held on site in the B section. It was reported that the fish in these tanks had been lethargic and unresponsive to human activity.
During the site inspection about 15-30 moribund fish were observed in the mort removal side tanks in all of the B section. Fifteen of these moribund fish were removed for diagnostic examination.

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All of the fish removed had pale gills. Internally all the livers were pale and no food was observed in the guts.

Samples

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

Fish number	Facility number	Species	Stage	Origin
F1-F5	B2	Atlantic salmon	8g - parr	Inverpolly
F6-F15	B1	Atlantic salmon	8g - parr	Inverpolly

Results

Bacteriology:

Kidney and spleen material from fish F6 to F10 were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated;

- *Pseudomonas* spp.: F7 & F10 (kidney and spleen)
- *Pseudolactococcus piscium*: F10 (kidney and spleen)

Fish 7- *Pseudomonas* spp. was identified at a level and purity of growth that would suggest this bacterium would be implicated in morbidity of fish.
Fish 10- *Pseudolactococcus piscium* and *Pseudomonas* spp. could be implicated in the morbidity of this fish.

Following observations made from the histopathology, *Aeromonas salmonicida* QPCR was run from histology blocks from F3, F4 and F5 (liver, kidney and spleen). All three fish tested positive for *Aeromonas salmonicidida*.

Aeromonas salmonicida

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F3	20.14	22.12	22.21	22.18	**POSITIVE**
F4	20.90	23.74	23.57	23.59	**POSITIVE**
F5	20.79	20.85	21.10	21.07	**POSITIVE**

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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)
F6	21.74	36.72	36.91	36.81	**POSITIVE**
F7	21.35	30.41	30.96	31.07	**POSITIVE**
F8	20.94	37.44	>40	38.14	**POSITIVE**
F9	21.58	39.30	38.15	39.25	**POSITIVE**
F10	21.29	30.38	30.33	30.29	**POSITIVE**

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

Parasitology:

Fins were collected to determine the presence of *Gyrodactylus salaris* using light microscopy.

No *G. salaris* parasites were detected in the samples examined.

Histology:

Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen, kidney and brain were taken from fish 1 to 5. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

Gill: Several dense aggregates of Gram-negative rod-shape bacteria (F2-F5) and low level of inflammation observed in F2-F5. Small scatter foci of lamellar hyperplasia (F1-F5), some with bacteria (F2, F3, F5). Foci of necrosis also observed (F2).

Skin & Muscle: Red musculature exhibit foci of haemorrhage (F2, F3, F5).

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Heart: Few dense aggregates of Gram-negative rod-shape bacteria (F2-F4).

Gut and pyloric caeca: F4 exhibit one aggregate of rod-shape bacteria in the pyloric caeca fold.

Pancreas: No abnormalities detected.

Liver: Minor vasculitis (F1, F3). Few dense aggregates of Gram-negative rod-shape bacteria (F2-F5).

Kidney: Some foci of interstitial cell (haemopoietic) necrosis (F4, F5), F3 exhibited some foci of interstitial cell (haemopoietic) hyperaemia and few aggregates of rod-shaped Gram-negative bacteria (F2-F5).

Spleen: Several dense aggregates of Gram-negative rod-shape bacteria (F2-F5), focal area of necrosis (F2- F5).

Brain: No abnormalities detected.

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

Signed: [redacted] Date: 05/11/2025

Fish Health Inspector

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Fish Health Inspectorate Website

Case No: 2025-0361 Date of visit: 24/09/2025

Additional inspector(s): Main Inspector: [redacted]

Site No: FS0708 Site Name: Portree
Business No: FB0169 Business Name: Bakkafrost Scotland

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

Water Temp (°C): 13.9 Thermometer No: T173 FHI 045 completed N/A

Observations: Region: HI Water type: S CoGP MA: M-26

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.
Post mortem signs 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:

Salmon mortalities last four weeks, wk 35 5169, (0.98%) AGD, wk 36 44223 (8.50%) AGD and post treatment, wk 37 47676 (10.04%) AGD, wk 38 37136 (8.7%) AGD. Wk 39 to the 24/9/2025 9407 (2.41%).

Peaks in mortality 2023: wk 37 4209 (1.14%) water quality, wk 50 3733 (1.09%) mainly post treatment, wk 52 2292 (1.01%) CMS.

Peaks in mortality 2024: wk 1 4789 (1.44%), wk 2 7244 (2.22%), wk 3 5653 (1.77%), wk 4 7823 (2.49%), wk 5 5895 (2.36%), wk 6 9331 (3.95%), wk 7 8349 (3.68), all mainly attributed to CMS.

Peaks in mortality 2025: wk 17 11717 (2.40%), fungus/post transfer. Wk 34 15830 (2.95%)AGD/post treatment.

Samples recently tested positive for PRV, IPN, Pasteurella skyensis, Tenacibaculum spp, Yersinia, all by PCR with high CT values. In addition samples tested positive for AGD, very strong positive with low Ct value.

FW treatment administered 14/9/2025 finished on the 17/9/2025 full site treated.

Trial conducted by Salmon Scotland on the 19/5/2025 as part of the Sea Lice Regulatory Framework with small cages placed within one pen and stocked with salmon, counts were taken after a set time to determine settlement rates and validate on site counts.

Mortalities usually ensiled on the barge and stored, recent morts are being ensiled on the barge but due to the mort levels a workboat has been ensiling waste as well. Transported to Kyle for disposal through Billy Bowie or Scan Bio.

>50 lethargic fish observed in each pen, five removed for diagnostic sampling.

Case No: 2025-0361 Site No: FS0708

Date of Visit: 24/09/2025 Main Insp: [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	10	Facilities stocked	9	No facilities inspected	10		
Species	Atlantic salmon						
Age group	2025 Q1						
No Fish	380,422						
Mean Fish Wt	3.147kg						
Next Fallow Date (Site)	May 2026	Next Input Date (Site)	2026 Q4				
Recent (last 4 wks) disease problems?	Y	Any escapes (since last visit)?	N				
If yes, detail:	AGD, see additional information.						

Movement Records

1. Movement records for **all species** held available for inspection?	Y
2. Date of last inspection:	14/09/2023
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. Have all introductions and imports (since last inspection) from outwith the GB health zone been recorded in the movement records?	N/A

Transport Records

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

Mortality Records

1. Mortality records for **all species** held available for inspection?	Y
2. How are mortalities disposed of?	Biogas - Energen, Cumbernauld
If other detail:	
3. Mortality records complete and correctly entered?	Y
4. Recent mortality (last 4 wks):	see additional information
5. Evidence of recent increased/atypical mortalities?	Y
If yes, facility nos/no mortality per facility/no stock per facility/reason:	see additional information
6. Any other peaks in mortality during period checked?	Y
If yes, detail:	see additional information
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.	Y

Treatments and Medicines Records

1. Recent treatments (see comment)?	N
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y

Biosecurity Records

1. Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
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?	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 *how* and *when* that will be notified to Scottish Ministers?	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)?	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.)?	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	Y
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	

Results of Surveillance

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	Y
If yes, detail (if not detailed under recent disease problems).	AGD.
PRV, IPN, Pasteurella skyensis, Tenacibaculum spp, Yersinia identified by PCR but low CT values.	
Records checked between:	14/9/2023 to 24/9/2025

Case no:	2025-0361	Site No:	FS0708	Date of visit/ Sampling:	24/09/2025	24/(							
Priority samples:	VI	BA	PA	MG	HI								
Time sampling starts/ends:	13:30:00	14:45:00	Main Insp:		VMD No.	5							
Environmental conditions:	1 Indoors	2	3	4	5								
Summary samples	HIST Y	BA Y	MG Y	VI	PA	Total Samples							

Add Fish/Pools - click button

	Pool/Fish No	F1	F2	F3	F4	F5							
	Fish nos	1	2	3	4	5	6						
	Pool Group												
Stock Details	Species	SAL	SAL	SAL	SAL	SAL	SAL						
	Average weight	2kg	2kg	2kg	2kg	2kg	3.5kg						
	Sex	N/A	N/A	N/A	N/A	N/A	N/A						
	Water Type	SW	SW	SW	SW	SW	SW						
	Stock Origin	Applecross Smolt Ongrowing 1 FS1360	Applecross Smolt Ongrowing 1 FS1360	Applecross Smolt Ongrowing 1 FS1360	Applecross Smolt Ongrowing 1 FS1360	Applecross Smolt Ongrowing 1 FS1360	Applecross Smolt Ongrowing 1 FS1360						
	Facility No	7	7	7	7	7	6						

09/2025 Additional Sample Information:

5 Total Tests assigned 2

Case no: 2025-0361 Site No: FS0708 Method of killing: Percussive

Date of visit: 24/09/2025 Main Insp: [redacted] Sheet Relevant: Y

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

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

Case no: 2025-0361

Date of visit: 24/09/2025

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**										
	Ventrum										
	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:

Case Number:	2025-0361		Site No:	FS0708	Main Insp:	
Date of Visit	24/09/2025					

		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 British Islands (non-GB).	0	5	10	14	0
	Frequency of movements on from a 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		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		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		1
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		**20**
				Rank		**MEDIUM**

Case No: 2025-0361 Site No: FS0708

Sea Lice Inspection (Seawater Sites Only)

1. Has the site experienced sea lice problems in the previous 4 years?	N
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?	Y
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?	Y
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?	Y
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)	Y
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	Y
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)	N
8. Have weekly average adult female sea lice counts at or above the intervention level been reported accurately?	N/A
If no, please detail in additional information.	
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	N
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)	Y
11. Has any other action been taken (where applicable)?	N/A
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?	Y
13. Are treatments, where conducted, carried out in cooperation between participating farms?	Y
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?	Y
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?	Y
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.	Y

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

Tensioned Nets	Top Nets	Seal Blinds			

If other, detail below:

seal pro nets, wildlife log, lift up systems

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

Case No: 2025-0361 Site No: FS0708

Date of Visit: 24/09/2025 Main Insp: [redacted]

Point of Compliance

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

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?	Y
3. Is the current FMAg/S available for inspection?	Y
4. Does the FMAg/S identify the relevant farm management area?	Y
5. Does the FMAg/S identify the fish farm site(s) to which it applies?	Y
6. Does the FMAg/S identify the date of commencement of the agreement or statement?	Y
7. Does the FMAg/S identify the date of review?	Y

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?	Y
9. Does the FMAg/S identify the vaccination requirements for stocks held in the area or farm?	Y
10. Does the FMAg/S identify the species of fish which may be stocked into the area or farm?	Y
11. Does the FMAg/S identify the maximum stocking density of any pen on any farm in the area or the individual farm?	Y
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?	Y

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?	Y
14. Does the FMAg/S identify the availability and the use of medicines on farms covered by the agreement of statement?	Y
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?	Y
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?	Y
17. Does the FMAg/S identify the arrangements for synchronous treatments on farms within the area?	Y

Live Fish Movements

18. Does the FMAg/S identify the circumstances when live fish may be introduced or removed from the area or farm?	Y
19. Does the FMAg/S identify the arrangements for the movement of live fish on and off sites in the area or individual farms?	Y

Harvesting

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

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?	Y
22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covered by the agreement or statement?	Y
23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?	Y

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?	N/A

Management and operation

25. Is the fish farm being managed and operated in accordance with the agreement or statement?	Y
26. What is the version no/date of issue of the FMAg/S?	21/12/2024

Case No: 2025-0361 Date of visit: 24/09/2025

Site No: FS0708 Main Insp: [redacted]

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2nd Insp
AGD (Neoparamoeba perurans) (PCR) - AGDQ	4/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
IHN (PCR) - IHNP	0/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
IPN (PCR) - IPNM	0/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
ISA (real time qPCR - heart & kidney) - ISAQ	0/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Paranucleospora theridion (PCR) - PNST	5/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Piscine myocarditis virus (CMS) (PCR) - PMVP	0/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Salmon gill poxvirus (PCR) - SPVP	5/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Salmonid alphavirus (SAV) (PCR) - SALP	0/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
VHS (PCR) - VHSP	0/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Aeromonas salmonicida (Furunculosis) - ASAL	1/5	07/10/2025	[redacted]	07/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Piscine orthoreovirus (HSMI) (PCR) - PRVP	5/5	08/10/2025	[redacted]	09/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Aeromonas (histology) - AERH	3/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Complex gill issues (histology) - CGDH	5/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Amoebic gill disease (histology) - AMGD	1/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Epitheliocystis - EPIT	5/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Gill pathology - GPAT	5/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Heart pathology - HPAT	5/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Kidney pathology - KPAT	2/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Muscle pathology - MPAT	2/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Spleen pathology - SPAT	4/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Postmortem changes - PMCH	5/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
			[redacted]		[redacted]		[redacted]	[redacted]
			[redacted]		[redacted]		[redacted]	[redacted]
			[redacted]		[redacted]		[redacted]	[redacted]

Report Summary			
Case Type	Date	Insp	2nd Insp
ECI, CNI, SLI, VMD, RE	07/10/2025	[redacted]	[redacted]
DIA	22/10/2025	[redacted]	[redacted]

Case completion	30/10/2025

Fish Health Inspectorate visit report

Summary for information of site operator

Business no:	FB0169	Date of visit:	24/09/2025
Site no:	FS0708	Site name:	Portree
Case no:	20250361	Inspector:	[redacted]

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

Due to reports of elevated mortality 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.

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 (FHI) as required however, a discrepancy was noted with mortality records held on site and reports submitted to the Fish Health Inspectorate.

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Fish Health Inspectorate Website

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 points were raised with the site representative during the inspection:

- Week beginning 11/9/2023 mortality event reported as 13462 (1.41%) but site records state 4209 (1.14%).
- Week beginning 19/2/2024 mortality event reported as 1435 (1.59%) site records state 1435 (0.93%).

To ensure that data held by the FHI and published is accurate, please confirm what the mortality rate is for the above weeks.

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, containment and escapes.

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

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Signed: [redacted] Date: 07/10/2025

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)

R25

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Fish Health Inspectorate visit report

Summary for information of site operator

Business no:	FB0169	Date of visit:	24/09/2025
Site no:	FS0708	Site name:	Portree
Case no:	20250361	Inspector:	[redacted]

Section one: summary

The site was inspected following reports of elevated mortalities, on inspection of the stock a number of lethargic fish were observed. Five fish were removed for further examination and subsequent diagnostic sampling.

Histopathological examination revealed complex gill pathology, mild inflammation of the heart, and minimal inflammation of the red muscle. Some of the alterations observed could be indicative of concurrent sub-clinical viral infection. F3 exhibited signs of chronic infection likely related to bacterial infection. However, bacteria were not observed using differential staining. F4 displayed evidence of bacterial infection, potentially associated with *Aeromonas* spp., which bacteriology samples confirmed as *Aeromonas salmonicida*, the level and purity of growth would suggest it would be implicated in the morbidity of this fish.

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

Piscine orthoreovirus (PRV) was detected in all five fish by qPCR.

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 two: case detail

Observations

Elevated mortalities had been reported to the Fish Health Inspectorate, mortalities had started to increase in week 34 and remained high up to the date of inspection in week 39. The main cause recorded was amoebic gill disease (AGD) and also some post freshwater treatment losses.

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On inspection of the stock more than 50 lethargic fish were observed in each pen, five were removed for diagnostic sampling.

F1 to F5 had darkened bodies and necrotic gills.

Internally, F1 to F5 had pale hearts and granular kidneys, in addition splenomegaly was noted in F1 and granulomas were present in the spleen of F3.

Samples

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

Fish number	Facility number	Species	Stage	Origin
F1-F5	7	Atlantic salmon	2kg; 2025 Q1	Applecross smolt ongowing 1 (FS1360)

Results

Bacteriology:

Kidney and gill material from F1-F5 were inoculated onto appropriate media for the isolation of bacteria.

The following bacterium was isolated:

- *Aeromonas salmonicida* (Kidney F4)

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	19.98	22.97	23.01	22.91	**POSITIVE**
F2	21.27	25.84	25.68	25.93	**POSITIVE**
F3	19.99	33.8	33.73	34.62	**POSITIVE**
F4	19.32	23.88	23.78	23.87	**POSITIVE**
F5	19.54	32.88	32.3	32.23	**POSITIVE**

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Piscine orthoreovirus (PRV),

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	17.99	28.88	28.99	28.84	**POSITIVE**
F2	17.25	30.60	30.66	30.81	**POSITIVE**
F3	16.76	29.71	29.61	29.51	**POSITIVE**
F4	16.98	31.32	31.18	31.47	**POSITIVE**
F5	16.54	30.51	30.24	30.27	**POSITIVE**

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 septicemia 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	19.98	21.8	21.8	21.82	**POSITIVE**
F2	21.27	25.49	25.34	25.42	**POSITIVE**
F3	19.99	29.6	29.75	29.73	**POSITIVE**
F4	19.32	17.99	17.93	17.83	**POSITIVE**
F5	19.54	25.07	25.05	25.15	**POSITIVE**

Neoparamoeba perurans (AGD)

Fish Number	**Endogenous control Cp value**	**Cp Values**			**Reported Result (PCR)**
F1	19.98	36.68	34.5	35.36	**POSITIVE**
F2	-	-	-	-	Negative
F3	19.99	33.92	33.8	33.43	**POSITIVE**
F4	19.32	33.09	33.12	33.21	**POSITIVE**
F5	19.54	32.37	31.91	32.68	**POSITIVE**

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Histology:

Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from F1-F5. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

Gill: Filament hyperplasia, mainly observed at the gill filament tip (F1) and F3-F5 lamellar hyperplasia, mild, multifocal. F2 displayed a very mild interlamellar hyperplasia and few apoptotic cells shedding off and some chloride cell displacement. Foci of cellular necrosis (F1, F3-F5). Few basophilic epithelial inclusions (likely epitheliocystis) observed in all fish. F5 also exhibited amoeboid cells resembling *Neoparamoeba perurans* and lamellar circulatory disturbances (mild, multifocal). Several aneurysmal dilation/telangiectasia and free blood among gill filaments (F1, F3-F5).

Skin & Muscle: Very tiny areas of red musculature inflammation (F1, F3).

Heart: Myocarditis, minor up-to mild, multifocal (F1, F2, F3, F5) and F3 exhibited minimal myocarditis. F4 exhibited endocarditis and myocarditis with a focal area displaying eosinophilic granular cells and one small area of aggregate of rod-shaped bacteria (resembling Aeromonas spp.). Epicarditis, mild (F1, F2, F4).

Gut and pyloric caeca: Peritonitis, mild (likely associated with vaccine administration) (F1, F3-F5). Some cellular sloughing potentially associated with autolysis artefacts (F2, F4).

Pancreas: No abnormalities detected.

Liver: Hepatocellular necrosis, mild, multifocal (F1, F4). Vasculitis, mild (F2-F5). A thrombus was observed within a hepatic vessel in F3 and F5 displayed an area of sinusoidal hyperaemia.

Kidney: A few renal tubules displayed hyaline droplets within the epithelial cytoplasm (F1, F4).

Spleen: F3 exhibited chronic inflammation characterised by sparse multinucleated giant cells and a centrally located Splendore-Hoeppli reaction (homogeneous eosinophilic material), marked and diffuse. F4 displayed evidence of erythrocytosis, foci of parenchymal necrosis and one small area of aggregate of rod-shaped bacteria (likely *Aeromonas* spp.). F5 revealed a small region containing structural features that resemble spores of a microsporidium parasite. Capsulitis, mild (F2, F3, F4).

UKAS Accredited Inspection Body - Type C No. 0269
Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Telephone – 0131 244 3498
Email – ms.fishhealth@gov.scot
Fish Health Inspectorate Website

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

Signed: [redacted] Date: 22/10/2025

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)

R09

UKAS Accredited Inspection Body - Type C No. 0269
Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Telephone – 0131 244 3498
Email – ms.fishhealth@gov.scot
Fish Health Inspectorate Website

F1 to F5

F1

F2

F3

F4

F5

F1

F2

F3

F4

F5

Fish Health Inspectorate visit report

Summary for information of site operator

Business no:	FB0169	Date of visit:	24/09/2025
Site no:	FS0708	Site name:	Portree
Case no:	20250361	Inspector:	[redacted]

Case completion report

Issues were raised in relation to the above case, with a requirement to clarify discrepancies between mortality event data submitted to the Fish Health Inspectorate and mortality records provided for inspection, these issues have now been resolved.

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] Date: 30/10/2025

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)

R23

UKAS Accredited Inspection Body - Type C No. 0269
Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Telephone – 0131 244 3498
Email – ms.fishhealth@gov.scot
Fish Health Inspectorate Website

Case No: 2025-0362 Date of visit: 24/09/2025

Additional inspector(s): Main Inspector: [redacted]

Site No: FS1318 Site Name: Portree Outer
Business No: FB0169 Business Name: Bakkafrost Scotland

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

Water Temp (°C): 13.9 Thermometer No: T173 FHI 045 completed N/A

Observations: Region: HI Water type: S CoGP MA: M-26

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.
Post mortem signs 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:

Mortalities last four weeks: wk 35 7836 (1.44%), wk 36 2724 (0.51%), wk 37 30360 (5.70%), wk 38 64851 (12.90%) all attributed to AGD.

Peaks in mortality 2023: wk 45 6585 (1.21%) CMS/post treatment, wk 47 6284 (1.27%), wk 48 (1.57%) both CMS, wk 49 10504 (2.19%), wk 50 10342 (2.29%), wk 51 6015 (1.46%) CMS and post treatment, wk 52 4767 (1.34%) CMS.

Peaks in mortality 2024: wk 1 9748 (2.91%), wk 2 6063 (2.25%), wk 3 5043 (2.33%), wk 4 4826 (3.22%), wk 5 4592 (4.06%), wk 6 2072 (2.99%), wk 7 2568 (4.82%), wk 8 2281 (4.84%) mainly CMS, site fallow wk 10.

Peaks in mortality 2025 wk 34 7639 (1.39%), mainly CMS some treatment losses.

Site has just completed a FW treatment.

Morts are usually ensiled on the barge and stored but due to recent increase in volume a workboat has been ensiling waste

>50 lethargic fish observed in each pen.

Samples recently tested positive for PRV, IPN, Pasteurella skyensis, Tenacibaculum spp, Yersinia, all by PCR with high CT values. In addition samples tested positive for AGD, very strong positive with low Ct value.

Case No: 2025-0362 Site No: FS1318

Date of Visit: 24/09/2025 Main Insp: [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	10	Facilities stocked	8	No facilities inspected	10		
Species	Atlantic salmon						
Age group	2025 Q1						
No Fish	418,040						
Mean Fish Wt	2.349 kg						
Next Fallow Date (Site)	April/May 2026	Next Input Date (Site)	2026 Q3 or Q4				
Recent (last 4 wks) disease problems?	Y	Any escapes (since last visit)?	N				
If yes, detail:	AGD						

Movement Records

1. Movement records for **all species** held available for inspection?	Y
2. Date of last inspection:	09/11/2023
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. Have all introductions and imports (since last inspection) from outwith the GB health zone been recorded in the movement records?	Y

Transport Records

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

Mortality Records

1. Mortality records for **all species** held available for inspection?	Y
2. How are mortalities disposed of?	Biogas - Energen, Cumbernauld
If other detail:	
3. Mortality records complete and correctly entered?	Y
4. Recent mortality (last 4 wks):	see additional information
5. Evidence of recent increased/atypical mortalities?	Y
If yes, facility nos/no mortality per facility/no stock per facility/reason:	
see additional information	
6. Any other peaks in mortality during period checked?	Y
If yes, detail:	see additional information
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.	Y

Treatments and Medicines Records

1. Recent treatments (see comment)?	N
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y

Biosecurity Records

1. Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
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?	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 *how* and *when* that will be notified to Scottish Ministers?	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)?	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.)?	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	Y
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	

Results of Surveillance

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	Y
If yes, detail (if not detailed under recent disease problems).	AGD,
PRV, IPN, Pasteurella skyensis,Tenacibaculum spp, Yersinia,	
Records checked between:	9/11/2023 to 24/9/2025

Case no:	2025-0362	Site No:	FS1318	Date of visit/ Sampling:	24/09/2025	24/(							
Priority samples:	VI		BA		PA		MG		HI				
Time sampling starts/ends:	15:30:00	16:00:00	Main Insp:		VMD No.	5							
Environmental conditions:	1	Indoors	2		3		4		5				
Summary samples	HIST	Y	BA	Y	MG	Y	VI		PA		Total Samples		

Add Fish/Pools - click button

	Pool/Fish No	F1	F2										
	Fish nos	1	2	3									
	Pool Group												
Stock Details	Species	SAL	SAL										
	Average weight	2kg	2kg										
	Sex	N/A	N/A										
	Water Type	SW	SW										
	Stock Origin	Marble Arch Fish Hatchery	Marble Arch Fish Hatchery	Druimyeon Bay (FS0336)									
	Facility No	13	13	19									

09/2025 Additional Sample Information:

2 Total Tests assigned 2

Case no: 2025-0362 Site No: FS1318 Method of killing: Percussive

Date of visit: 24/09/2025 Main Insp: [redacted] Sheet Relevant: Y

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

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

Case no: 2025-0362

Date of visit: 24/09/2025

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**										
	Ventrum										
	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:

Case Number:	2025-0362	Site No:	FS1318	Main Insp:	
Date of Visit	24/09/2025				

		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 British Islands (non-GB).	0	5	10	14	5
	Frequency of movements on from a 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				
	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		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		1
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		**30**
				Rank		**HIGH**

Case No: 2025-0362 Site No: FS1318

Sea Lice Inspection (Seawater Sites Only)

1. Has the site experienced sea lice problems in the previous 4 years?	N
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?	Y
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?	Y
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?	Y
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)	Y
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	Y
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)	N
8. Have weekly average adult female sea lice counts at or above the intervention level been reported accurately?	N/A
If no, please detail in additional information.	
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	N
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)	Y
11. Has any other action been taken (where applicable)?	Y
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?	Y
13. Are treatments, where conducted, carried out in cooperation between participating farms?	Y
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?	Y
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?	Y
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.	Y

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

Top Nets	Tensioned Nets	False net bottom			

If other, detail below:

Seal pro nets, lift up systems, wild life diary

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

Case No: 2025-0362 Site No: FS1318

Date of Visit: 24/09/2025 Main Insp: [redacted]

Point of Compliance

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

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?	Y
3. Is the current FMAg/S available for inspection?	Y
4. Does the FMAg/S identify the relevant farm management area?	Y
5. Does the FMAg/S identify the fish farm site(s) to which it applies?	Y
6. Does the FMAg/S identify the date of commencement of the agreement or statement?	Y
7. Does the FMAg/S identify the date of review?	Y

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?	Y
9. Does the FMAg/S identify the vaccination requirements for stocks held in the area or farm?	Y
10. Does the FMAg/S identify the species of fish which may be stocked into the area or farm?	Y
11. Does the FMAg/S identify the maximum stocking density of any pen on any farm in the area or the individual farm?	Y
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?	Y

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?	Y
14. Does the FMAg/S identify the availability and the use of medicines on farms covered by the agreement of statement?	Y
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?	Y
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?	Y
17. Does the FMAg/S identify the arrangements for synchronous treatments on farms within the area?	Y

Live Fish Movements

18. Does the FMAg/S identify the circumstances when live fish may be introduced or removed from the area or farm?	Y
19. Does the FMAg/S identify the arrangements for the movement of live fish on and off sites in the area or individual farms?	Y

Harvesting

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

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?	Y
22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covered by the agreement or statement?	Y
23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?	Y

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?	N/A

Management and operation

25. Is the fish farm being managed and operated in accordance with the agreement or statement?	Y
26. What is the version no/date of issue of the FMAg/S?	21/12/2024

Case No: 2025-0362 Date of visit: 24/09/2025

Site No: FS1318 Main Insp: [redacted]

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2nd Insp
AGD (Neoparamoeba perurans) (PCR) - AGDQ	0/2	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
IHN (PCR) - IHNP	0/2	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
IPN (PCR) - IPNM	0/2	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
ISA (real time qPCR - heart & kidney) - ISAQ	0/2	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Paranucleospora theridion (PCR) - PNST	2/2	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Piscine myocarditis virus (CMS) (PCR) - PMVP	0/2	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Salmon gill poxvirus (PCR) - SPVP	2/2	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Salmonid alphavirus (SAV) (PCR) - SALP	0/2	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
VHS (PCR) - VHSP	0/2	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Piscine orthoreovirus (HSMI) (PCR) - PRVP	2/2	08/10/2025	[redacted]	08/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Tenacibaculum spp - TENC	2/2	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Gill pathology - GPAT	2/2	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Spleen pathology - SPAT	2/2	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Heart pathology - HPAT	2/2	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Kidney pathology - KPAT	2/2	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]

Report Summary			
Case Type	Date	Insp	2nd Insp
ECI,CNI,SLI,VMD,REP	08/10/2025	[redacted]	[redacted]
DIA	22/10/2025	[redacted]	[redacted]
ECI,CNI,SLI,VMD,REP	09/10/2025	[redacted]	[redacted]

Fish Health Inspectorate visit report

Summary for information of site operator

Business no:	FB0169	Date of visit:	24/09/2025
Site no:	FS1318	Site name:	Portree Outer
Case no:	20250362	Inspector:	[redacted]

Amended Fish Health Report

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

This report replaces the fish health report R25 issued on the 8/10/2025 by [redacted]. The previous report should be discarded. The surveillance frequency of the site was incorrectly assessed as medium and that an inspection would be conducted every second year however, the inputs from Northern Ireland had not been taken into consideration. The site has now been re-assessed as high and an inspection under the Aquatic Animal Health (Scotland) Regulations will be conducted annually.

Due to reports of elevated mortality 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 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:

UKAS Accredited Inspection Body - Type C No. 0269
Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Telephone – 0131 244 3498
Email – ms.fishhealth@gov.scot
Fish Health Inspectorate Website

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.

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, containment and escapes.

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

Signed: [redacted] Date: 09/10/2025

Fish Health Inspector

R25

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Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Telephone – 0131 244 3498
Email – ms.fishhealth@gov.scot
Fish Health Inspectorate Website

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)

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Fish Health Inspectorate visit report

Summary for information of site operator

Business no:	FB0169	Date of visit:	24/09/2025
Site no:	FS1318	Site name:	Portree Outer
Case no:	20250362	Inspector:	[redacted]

Section one: summary

The site was inspected following reports of elevated mortalities, on inspection of the stock a number of lethargic fish were observed. Two fish were removed for further examination and subsequent diagnostic sampling.

Histopathology examination revealed mild heart inflammation. This may indicate a viral infection. Both animals displayed interstitial necrosis in the kidneys and parenchymal necrosis in the spleen. Vasculitis in the liver and mild peritonitis (potentially associated to vaccine administration) were also observed.

Samples were positive for *Piscine orthoreovirus* (PRV) by qPCR as well as the gill related pathogens *Paranucleospora theridion* and salmon gill poxvirus (SGPV).

Tenacibaculum spp. was identified on plates taken from both fish. The level and purity of growth would not suggest this bacterium would be linked to fish 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 two: case detail

Observations

Elevated mortalities had been reported to the Fish Health Inspectorate, mortalities had started to increase in week 34 and remained high up to the date of inspection in week 39. The main cause recorded was amoebic gill disease (AGD) but some mortalities were attributed to post freshwater treatment losses and cardiomyopathy syndrome (CMS).

On inspection of the stock more than 50 lethargic fish were observed in each pen, two were removed for diagnostic sampling.

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Both fish had darkened bodies, F1 had pale gills and an inflamed vent.

Internally, both fish had granular kidneys, pale hearts and petechial haemorrhaging on the liver, granulomas were also noted on the liver of F1. The pyloric caeca of F2 lacked fat and was mauve in colour. Splenomegaly, yellow pseudo faeces and haemorrhaging on the swim bladder was also noted in F2.

Samples

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

Fish number	Facility number	Species	Stage	Origin
F1 and F2	13	Atlantic salmon	2kg; 2025 Q1	Marble Arch Fish Hatchery (Northern Ireland)

Results

Bacteriology:

Kidney and gill material from F1 and F2 were inoculated onto appropriate media for the isolation of bacteria.

The following bacterium was isolated:

- *Tenacibaculum* sp. (gill F1 and F2)

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	18.39	30.49	31.26	31.09	**POSITIVE**
F2	19.12	27.77	28.32	27.55	**POSITIVE**

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Piscine orthoreovirus (PRV)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	17.23	31.02	30.53	31.10	**POSITIVE**
F2	19.20	30.78	30.72	30.51	**POSITIVE**

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 septicemia 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	18.39	26.95	26.53	26.92	**POSITIVE**
F2	19.12	26.75	26.75	26.5	**POSITIVE**

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 and kidney were taken from F1 and F2. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

Gill: Foci of individual lamellar hyperplasia (F1-F2). Several aneurysmal dilation/telangiectasia (F1, F2).

Skin & Muscle: No abnormalities detected.

Heart: Myocarditis, mild, multifocal (F1, F2). Epicarditis, mild (F1-F2).

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Gut and pyloric caeca: Peritonitis, mild (likely associated with vaccine administration) (F2). Some cellular sloughing potentially associated with autolysis artefacts (F2).

Pancreas: No abnormalities detected.

Liver: Vasculitis, mild (F2).

Kidney: F1: Mild, multifocal interstitial necrosis. F2: Focally extensive area of interstitial necrosis with associated oedema.

Spleen: F1: Mild perivascular cuffing., F2: Capsulitis, foci of parenchymal necrosis and perivascular cuffing. Capsulitis.

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

Signed: [redacted] Date: 22/10/2025

Fish Health Inspector

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F1 - F2

F1

F2

F1

F2

Case No: 2025-0363 Date of visit: 25/09/2025

Additional inspector(s): Main Inspector: [redacted]

Site No: FS1259 Site Name: Stulaigh
Business No: FB0119 Business Name: Mowi Scotland Ltd

Case Types: 1 REP 2 DIA 3 REG 4 5 6

Water Temp (°C): 14.2 Thermometer No: T173 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.
Post mortem signs 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:

Peaks in salmon mortality 2024: wk 37 8913 (1.29%) post FW treatment, Wk 46 6157 (1.11%), wk 47 8098 (1.68%), wk 48 14705 (3.37%), wk 49 6322 (1.74%), all attributed to AGD.

Peaks in salmon mortality 2025: wk 9 3026 (1.03%), wk 10 3134 (1.08%), wk 11 4303 (1.16%), wk 12 6886 (1.17%), wk 13 7511 (1.05%), wk 9 to 11 CMS, wk 12 and 13 CMS and post transfer losses. Wk 28 8891 (1.45%), wk 29 10394 (1.72%), wk 30 5433 (0.91%), wk 31 7183 (1.22%), wk 32 8238 (1.41%), wk33 11888 (2.21%), wk 34 19787 (3.88%), wk 30 to 33 attributed to CMS with wk 34 CMS and post fw treatments.

Salmon mortalities for the last four weeks: wk 35 13976 (3.02%), wk 36 15035 (3.68%), wk 37 17855 (5.51%), wk 38 (to 18/9/2025) 3995 (1.82%), wk 35 to 37 CMS and wk 38 CMS and gill infections. Wk 39 to the 24th September, 11215.

Wrasse peaks in mortality 2024: wk 38 492 (1.14%) handling and a cull, wk 44 498 (1.20%), handling.
No peaks in wrasse mortality 2025. No morts recorded for the last four weeks.

Peaks in lumpfish mortality 2024: wk 17 1515 (1.52%), wk 18 1563 (1.59%), wk 19 1451 (1.50%), wk 20 1055 (1.11%), mainly pseudomonas. Wk 22 2072 (3.17%), pseudomonas and handling. Wk 23 1791 (2.83%), wk 25 889 (1.45%), wk 26 1029 (1.70%), wk 27 1526 (2.57%), wk 28 683 (1.18%), wk 29 1079 (1.89%), wk 30 2433 (4.34%), wk 31 5062 (9.44%), wk 32 3361 (6.92%), wk 33 1189 (2.63%), wk 34 575 (1.31%), all attributed to pseudomonas. Wk 36 770 (1.78%) pseudomonas and handling/treatment.

Peaks in lumpfish mortality 2025: wk 9 470 (1.13%), pseudomonas and handling. No lumpfish mortalities for the last four weeks.

Site is being harvested out and will be fallow by 1.10.2025.

Site received an input from Organic Sea Harvest in March 2025, this is the only stock now on the site.

Recent testing show CMS, Tenacibaculum spp, , Tenacibaculum maritimum, low ct values

Reg case completed but surveillance frequency not completed as site is due ECI.

Case No: 2025-0363 Site No: FS1259

Date of Visit: 25/09/2025 Main Insp: [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	6	No facilities inspected	14		
Species	Atlantic salmon						
Age group	2024 Q2						
No Fish	147,176						
Mean Fish Wt	4.8kg						
Next Fallow Date (Site)	1/10/2025	Next Input Date (Site)		week 48 2025			
Recent (last 4 wks) disease problems?		Y	Any escapes (since last visit)?		N		
If yes, detail:	CMS and gill health issues						

Movement Records

1. Movement records for **all species** held available for inspection?	Y
2. Date of last inspection:	24/04/2024
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. Have all introductions and imports (since last inspection) from outwith the GB health zone been recorded in the movement records?	Y

Transport Records

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

Mortality Records

1. Mortality records for **all species** held available for inspection?	Y
2. How are mortalities disposed of?	Other (detail)
If other detail:	White shore cockles
3. Mortality records complete and correctly entered?	Y
4. Recent mortality (last 4 wks):	see additional information
5. Evidence of recent increased/atypical mortalities?	Y
If yes, facility nos/no mortality per facility/no stock per facility/reason:	see additional information
6. Any other peaks in mortality during period checked?	Y
If yes, detail:	see additional information
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.	Y

Treatments and Medicines Records

1. Recent treatments (see comment)?	Y
If yes, detail:	T.M.S.
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)?	T.M.S.
If other, detail:	
6. Are medicines stored appropriately?	Y

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?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	Y
If yes, detail (if not detailed under recent disease problems).	CMS, gill health
Tenacibaculum spp, Tenacibaculum maritimum.	
Records checked between:	24/4/2024 to 24/09/2025

Case no:	2025-0363	Site No:	FS1259	Date of visit/ Sampling:	25/09/2025	25/(							
Priority samples:	VI	BA	PA	MG	HI								
Time sampling starts/ends:	11:30:00	12:30:00	Main Insp:		VMD No.	0							
Environmental conditions:	1 Indoors	2	3	4	5								
Summary samples	HIST Y	BA Y	MG Y	VI	PA	Total Samples							

Add Fish/Pools - click button

	Pool/Fish No	F1	F2	F3	F4	F5							
	Fish nos	1	2	3	4	5							
	Pool Group												
Stock Details	Species	SAL	SAL	SAL	SAL	SAL							
	Average weight	4kg	4kg	2kg	2kg	2kg							
	Sex	Male	Male	N/A	N/A	N/A							
	Water Type	SW	SW	SW	SW	SW							
	Stock Origin	Culnacnoc (FS1343)	Culnacnoc (FS1343)	Culnacnoc (FS1343)	Culnacnoc (FS1343)	Culnacnoc (FS1343)							
	Facility No	12	4	4	4	4							

09/2025 Additional Sample Information:

5 Total Tests assigned 4

Case no: 2025-0363 Site No: FS1259 Method of killing: Percussive

Date of visit: 25/09/2025 Main Insp: [redacted] Sheet Relevant: Y

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

Fish Number		1	2	3	4	5					
Time sampled after death (if > 45 minutes)											
External Signs											
Behaviour	Moribund										
	Lethargic	S	S	S	S	S					
	Hanging vertical										
	Spiralling										
	Flashing										
	Loss of equilibrium										
Body	Dark	S	S	M	M	M					
	Distended abdomen										
	Anorexic			S							
	Scale Oedema										
Opercula	Shortened										
	Flared										
Haemorrhaging	Throat										
	Ventrum										
	Base of fins										
	Elsewhere			W	W	W					
Eyes	Exophthalmic										
	Enophthalmic (sunken)										
	Cataract										
	Haemorrhagic										
Gills	Pale	S			W	W					
	Zoned	W									
	Necrotic	M	M	M	M	M					
Lesions	Flank	W	W								
	Elsewhere										
Vent	Inflamed										
	Trailing faeces										
Lice Load	Estimate numbers										
Internal Signs											
Ascites	Clear										
	Bloody										
Oedema	In tissues										
Heart	Pale/anaemic	M	M								
	Granulomas										
	Deformed										
Liver	Petechial haem	M	W								
	Gross haem										
	Tissue breakdown										
	Enlarged										
	Colour number(s)	7	7	4	3	4					
	Granulomas										
	Lesions										
Pyloric caeca	Petechial haem										
	Tubules mauve			W							
	Lack of fat			S							
Spleen	Enlarged										
	Granulomas										
Gut	No food present	S	S	S	S	S					
	Yellow pseudo-faeces										
	External haem										
	Internal haem										
Body wall	Haemorrhaging										
Swim bladder	Haemorrhaging										
	Fluid filled										
Kidney	Swollen										
	Grey										
	Granular										
	Liquefied										
General	Parasites present										
	Anaemia										

Case no: 2025-0363

Date of visit: 25/09/2025

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**										
	Ventrum										
	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:

F1 and 2 were showing signs of maturation.

Case No: 2025-0363 Date of visit: 25/09/2025

Site No: FS1259 Main Insp: [redacted]

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2nd Insp
AGD (Neoparamoeba perurans) (PCR) - AGDQ	5/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
IHN (PCR) - IHNP	0/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
IPN (PCR) - IPNM	0/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
ISA (real time qPCR - heart & kidney) - ISAQ	0/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Paranucleospora theridion (PCR) - PNST	5/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Piscine myocarditis virus (CMS) (PCR) - PMVP	5/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Salmon gill poxvirus (PCR) - SPVP	4/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Salmonid alphavirus (SAV) (PCR) - SALP	0/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
VHS (PCR) - VHSP	0/5	01/10/2025	[redacted]	01/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Vibrio species (culture) - VSPE	4/5	07/10/2025	[redacted]	07/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Other bacteria (identified) - OBAC (Moraxella sp.)	2/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Amoebic gill disease (histology) - AMGD	5/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Epitheliocystis - EPIT	3/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Gill pathology - GPAT	5/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Complex gill issues (histology) - CGDH	5/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Heart pathology - HPAT	5/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Liver pathology - LPAT	4/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Cardiomyopathy syndrome (histology) - CMPS	5/5	10/10/2025	[redacted]	10/10/2025	[redacted]	22/10/2025	[redacted]	[redacted]
Salmon gill poxvirus (histology) - SPVH	1/5	23/10/2025	[redacted]		[redacted]	22/10/2025	[redacted]	[redacted]
Salmonid alphavirus (SAV) (histo.) - SALH	1/5	23/10/2025	[redacted]		[redacted]	22/10/2025	[redacted]	[redacted]
			[redacted]		[redacted]		[redacted]	[redacted]
			[redacted]		[redacted]		[redacted]	[redacted]
			[redacted]		[redacted]		[redacted]	[redacted]
			[redacted]		[redacted]		[redacted]	[redacted]

Report Summary			
Case Type	Date	Insp	2nd Insp
Rep, Reg,	10/10/2025	[redacted]	[redacted]
DIA	22/10/2025	[redacted]	[redacted]

Scottish Government
Riaghaltas na h-Alba

Fish Health Inspectorate visit report

Summary for information of site operator

Business no:	FB0119	Date of visit:	25/09/2025
Site no:	FS1259	Site name:	Stulaigh
Case no:	20250363	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, following reports of increased mortality.

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 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.

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.

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

- Some entries in the movement records did not detail the FS number
- Some entries in the movement records detailed the destination of processed fish not the harvest station.

The movement records were updated during the inspection, no further action is required on this occasion.

To ensure the conditions of authorisation for your Aquaculture Production Business (APB) are being met, ensure movement records are maintained correctly.

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

Signed: [redacted] Date: 10/10/2025

Fish Health Inspector

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Scottish Government
Riaghaltas na h-Alba

Fish Health Inspectorate visit report

Summary for information of site operator

Business no:	FB0119	Date of visit:	25/09/2025
Site no:	FS1259	Site name:	Stulaigh
Case no:	20250363	Inspector:	[redacted]

Section one: summary

The site was inspected following reports of elevated mortalities, on inspection of the stock a number of lethargic fish were observed. Five fish were removed for further examination and subsequent diagnostic sampling.

Histopathological examination revealed complex gill pathology and minimal to mild inflammation of the heart. F5 displayed pathology resembling cardiomyopathy syndrome, which was also detected in F1-F5 by qPCR. Pathological features resembling chronic pancreas disease were also observed in F3.

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

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 two: case detail

Observations

Elevated mortalities had been reported to the Fish Health Inspectorate. Records show that there had been three peaks. In 2024, from week 37 to 49, mortalities were attributed to AGD. In 2025, from week 9 to 13, mortalities were attributed to cardiomyopathy syndrome (CMS) and post-transfer losses. From week 28 to the day of inspection in week 39, these were attributed to CMS and post freshwater treatments.

On inspection of the stock, a number of lethargic fish were observed in all pens. Five fish were removed for diagnostic sampling.

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All fish sampled were lethargic with darkened bodies, F3 was also anorexic. Some haemorrhaging was observed on the ventral surface of F3, F4 and F5. The gills of all fish were necrotic. The gills of F1, F4 and F5 were pale in appearance and some zonation was noted on F1. Lesions were present on the flank of F1 and F2.

Internally, F1 and F2 had pale hearts and petechial haemorrhaging on the liver. F3 had a lack of fat on the pyloric caeca and the tubules were mauve in appearance. No food was present in the gut of all fish.

F1 and F2 were showing signs of maturation.

Samples

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

Fish number	Facility number	Species	Stage	Origin
F1	12	Atlantic salmon	4kg; 2024 Q2	Culnacnoc (FS1343)
F2-F5	4	Atlantic salmon	4kg; 2024 Q2	Culnacnoc (FS1343)

Bacteriology:

Kidney and gill material from F1-F5, and lesion material from F1 and F2 was inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated:

- *Vibrio* spp.: F1 & F4 (Kidney); F2 (Lesion); F2, F4 & F5 (Gill);
- *Moraxella* spp.: F1 & F2 (Lesion)

The level and purity of the growth of the *Vibrio* spp. would not suggest it is present as a primary pathogen.

The level and purity of the growth of the *Moraxella* spp. would not suggest it is the primary source of the lesions.

Virology:

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

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Piscine myocarditis virus (PMCV)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	17.15	32.46	32.63	32.24	**POSITIVE**
F2	17.92	30.67	30.84	30.86	**POSITIVE**
F3	17.66	33.58	33.95	34.02	**POSITIVE**
F4	17.7	19.05	19.17	19.07	**POSITIVE**
F5	17.61	29.34	29.36	29.3	**POSITIVE**

Salmon gill poxvirus (SGPV),

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	23.10	25.94	25.92	25.88	**POSITIVE**
F2	22.72	26.59	26.36	26.65	**POSITIVE**
F3	-	-	-	-	Negative
F4	22.34	30.65	30.57	30.39	**POSITIVE**
F5	22.04	33.89	33.86	34.04	**POSITIVE**

The samples tested negative for infectious haematopoietic necrosis virus (IHNV), infectious pancreatic necrosis virus (IPNV), infectious salmon anaemia virus (ISAV), 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).

Paranucleospora theridion

Fish Number	**Endogenous control Cp value**	**Cp Values**			**Reported Result (PCR)**
F1	23.10	29.1	28.95	28.94	**POSITIVE**
F2	22.72	33.68	33.58	33.61	**POSITIVE**
F3	22.15	36.48	36.32	36.3	**POSITIVE**
F4	22.34	32.92	32.79	32.78	**POSITIVE**
F5	22.04	31.65	31.51	31.67	**POSITIVE**

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Neoparamoeba perurans (AGD)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	23.10	29.77	29.75	29.73	**POSITIVE**
F2	22.72	30.37	30.5	30.62	**POSITIVE**
F3	22.15	29.3	29.36	29.55	**POSITIVE**
F4	22.34	30.95	31.02	31.22	**POSITIVE**
F5	22.04	28.22	28.34	28.31	**POSITIVE**

Histology:

Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from F1-F5. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

Gill: Filament hyperplasia, mild, multifocal (F1-F5), mainly at the gill filament tips (F2) and foci of lamellar necrosis (F1). Filament branchitis (F2, F3), filament adhesions, focal (F3) and vascular disturbances (F2). Several amoeboid cells resembling *Neoparamoeba perurans* (F1-F5) and few basophilic epithelial inclusions (likely epitheliocystis) observed in F1, F3-F5. F1 displayed few apoptotic cells shedding off and some chloride cell displacement. Several aneurysmal dilation/telangiectasia and free blood among gill filaments (F4).

Skin & Muscle: No abnormalities detected.

Heart: Myocarditis, minimal (F1-F4) to mild (F5) and F5 also exhibited endocarditis, F2 exhibited two thrombi in the ventricular chamber. Epicarditis, mild (F1, F4, F5).

Gut and pyloric caeca: Peritonitis, mild (likely associated with vaccine administration) (F1, F3). Absence of abdominal adipose tissue (F3). Some cellular sloughing, potentially associated with autolysis artefacts (F4).

Pancreas: Absence of pancreatic tissue (F3).

Liver: Hepatocellular necrosis, mild, multifocal (F1, F4). F1 displayed a focal area with sinusoidal hyperaemia. Hepatocellular vacuolation (macrovesicles), some, diffuse (F3, F4, F5). Capsulitis and some vasculitis (F4).

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Kidney: Slightly increase of melanomacrophages and some renal tubules displayed mineralisation (F3).

Spleen: F3 exhibited capsulitis and foci of necrosis, mild, multifocal. F1 No tissue present in the section.

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

Signed: [redacted] Date: 22/10/2025

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)

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F1 - F2

F1

F2

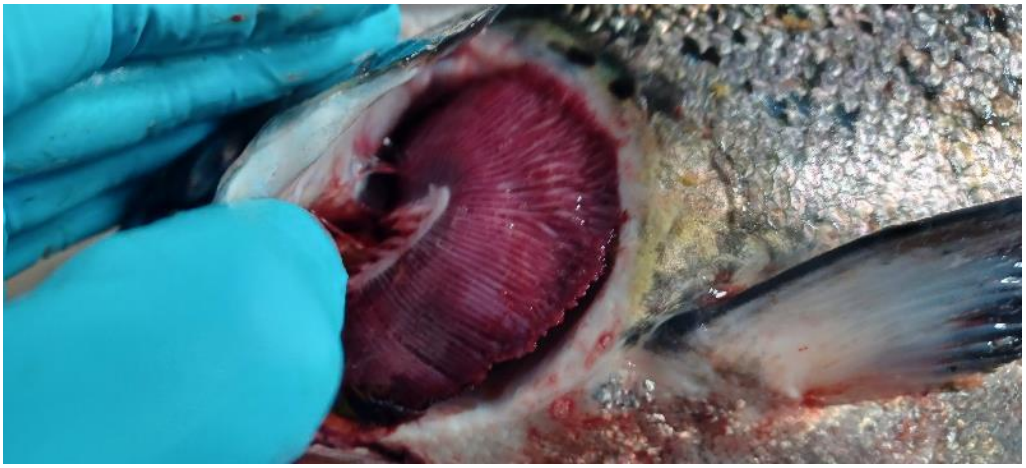
F1

F2

F3 – F5

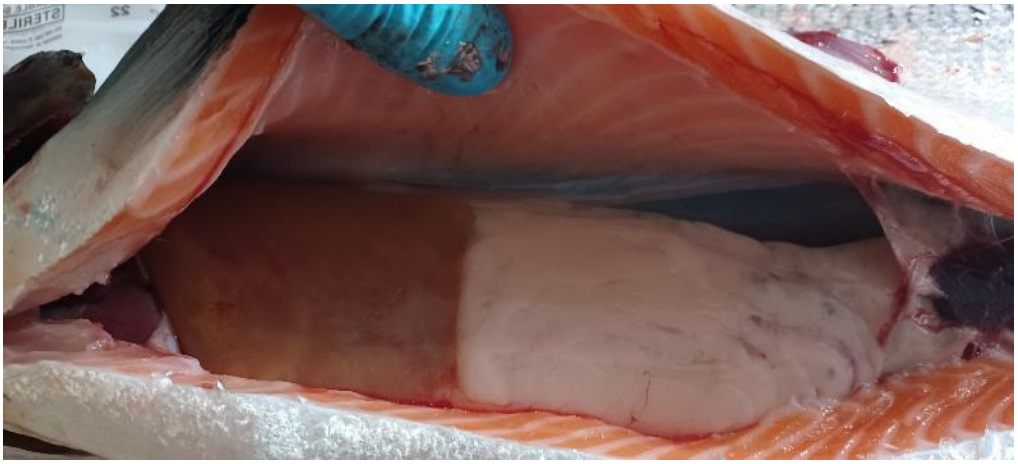
F3

F4

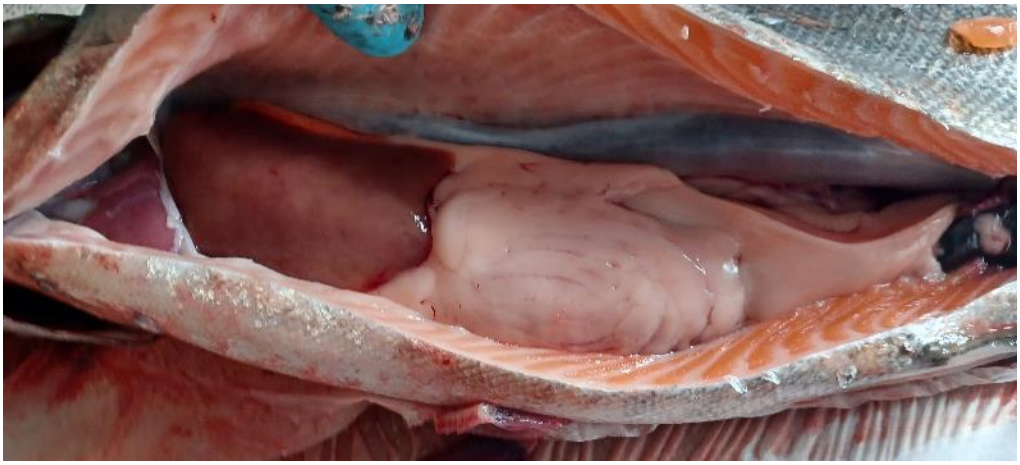


F5

F3



F4



F5