Case No: 2025-0072 Date of visit: 19/03/2025

Time spent on site: 5hrs Main Inspector: [redacted]

Site No: FS1275 Site Name: Flaeshins
Business No: FB0095 Business Name: Cooke Aquaculture Scotland Ltd

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

Water Temp (°C): 8.2 Thermometer No: T148 FHI 045 completed N/A

Observations: Region: SH Water type: S CoGP MA S-3

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.
Gross pathology observed?	N	If yes, see additional information/clinical score sheet.
Diagnostic samples taken?	N	

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

Additional Case Information:

Recent health surveillance (01/03/2025) conducted by business showed no significant results and fish were feeding and behaving well, although a low number of fish were observed to be lethargic and have winter sores.

Florocol treatment was conducted in February 2024 following input.
SLICE treatments were conducted in August 2024.

During site inspection the general population were observed to be shoaling well and were in good condition. Stock were swimming deep in the water column and had a good feed response. Low number of fish were observed to have lesions but were healing well. There was a low number of fish that were lethargic. 5 moribund fish were observed across site and were dispatched at time of inspection. 4 runts and 1 spinal deformity was observed across site.
1 fish was sampled for VMD and was in good condition externally and internally.

Mortality, Sea lice and treatment records, FMS were inspected remotely on 12/03/2025 by [redacted] whilst supervised by [redacted].
Site inspection and VHWP/ BMP, records of health surveillance and movement records and containment records were inspected on 19/03/2025 by [redacted]whilst supervised by [redacted]. VMD was sampled by [redacted] whilst supervised by [redacted].

Records relating to the enhanced containment inspection were received on the 09/05/2025. The records were found to be satisfactory. Records were inspected remotely by [redacted] whilst supervised by[redacted] on 09/05/2025.
Records relating to the enhanced containment inspection were received on the 25/06/2025. The records were found to be satisfactory. Records were inspected remotely by [redacted] and [redacted] on 25/06/2025.

Case No: 2025-0072 Site No: FS1275

Date of Visit: 19/03/2025 Inspector(s): [redacted]

Registration/Authorisation Details

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

Site Details (include cleaner fish for all sections)

Total No facilities	12	Facilities stocked	12	No facilities inspected	12		
Species	SAL						
Age group	24 S1						
No Fish	462,753						
Mean Fish Wt	3.7kg						

Next Fallow Date (Site)	November 2025	Next Input Date (Site)	Feb-26
Recent (last 4 wks) disease problems?	N	Any escapes (since last visit)?	N
If yes, detail:			

Movement Records

1. Movement records available for inspection?	Y
2. Date of last inspection:	06/06/2023
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. Are health certificates for introductions (outwith GB) available?	N/A

Transport Records

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

Mortality Records

1. Mortality records available for inspection?	Y
2. How are mortalities disposed of?	Other (detail)
If other detail:	Stored in bins until taken away by Garriock to Pelagia on Bressay
3. Mortality records complete and correctly entered?	Y
4. Recent mortality (last 4 wks):	wk8 994 (0.14%), wk9 1085 (0.15%), wk10 296 (0.05%), wk11 638 (0.14%)
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?	Y
If yes, detail:	2023 wk33 0.99% (3695) wk34 0.95% (3131) gill health issues and CMS.
7. Have increased (unexplained) mortalities been reported to vet or FHI?	N/A
If yes, detail action:	
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.	N

Treatments and Medicines Records

1. Recent treatments (see comment)?	Y
If yes, detail:	TMS
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)?	TMS
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:	06/06/2023 - 19/03/2025

Case no:	2025-0072	Site No:	FS1275	Date of visit/ Sampling:	19/03/2025	19/(			
Priority samples:	VI		BA		PA		MG		HI	
Time sampling starts/ends:	14:30:00	14:45:00	Inspector:		VMD No.	10			
Environmental conditions:	1	Indoors	2		3		4		5	
Summary samples	HIST		BA		MG		VI		PA	Total Samples

Add Fish/Pools - click

	Pool/Fish No												
	Fish nos	1											
	Pool Group												
Stock Details	Species	SAL											
	Average weight	3.7kg											
	Sex	N/A											
	Water Type	SW											
	Stock Origin	Cairndow Hatchery (FS0323)											
	Facility No	3											

03/2025 Additional Sample Information:

VMD fish dispatched via percussion

0 Total Tests assigned 0

Case Number:	2025-0072		Site No:	FS1275	Insp:	
Date of Visit	19/03/2025					

		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 equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
Exposure via water	**Site contacts**	**0**	**1-5**	**6-10**		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		1
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm processing	0				
	Processing own fish (re-cycling risk)	1				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		2
	Sites sharing staff and equipment	0	1	2		2
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	**23**
Rank	**MEDIUM**

Case No: 2025-0072 Site No: FS1275

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 average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?	Y
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.	Y
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?	
2. Are measures in place to mitigate against the predation experienced on site? (Detail below)	
If other, detail below:	
3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?	N
If Yes proceed with questions 4 – 9. If No skip to question 10	
4. Have these been reported to Scottish Ministers?	
5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	
6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if any) used to recover escapees? If yes give detail	
8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	
9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)	
10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)	

Case No: 2025-0072 Site No: FS1275

Date of Visit: 19/03/2025 Inspector: [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?	Y

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?	12/04/2024

Case No: 2025-0072 Site No: FS1275

Date of visit: 19/03/2025 Inspector(s): [redacted]

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
ENHANCED CONTAINMENT INSPECTION (SEAWATER)				
a. Enquiry relating to i) escape incidents and ii) contingency procedures				
1.1. Have escape incidents or events[1] been experienced on or in the vicinity of the site since the last MSS inspection?		N		
If yes answer 1.2-1.8:				
1.2. Have appropriate reports been made to Scottish Government within 24 hours of discovery?	High		AAAH Regs[4] 31D,E	
1.3. Have these been reported to the SSPO[2] and, where in existence, the local DSFB and fisheries trust?	Medium		CoGP 4.4.37, 5.4.17	
1.4. Were methods (if any) used to recover escapees?				
If yes give detail				
1.5 Was the decision to attempt to recapture and the method employed agreed with the local DSFB and FT	Low		CoGP 4.4.38, 5.4.18	
1.6. Was permission sought from Marine Scotland prior to recapture?	Medium		CoGP 4.4.38, 5.4.18	
1.7 Were the gill nets deployed in accordance with the permission issued by Marine Scotland?	Low		CoGP 4.4.38, 5.4.18	
1.8. In light of the escape event, has appropriate action been taken to prevent and minimise the risk of further escapes?	High			
1.9. Is there a site specific contingency plan in response to failures in containment, aimed at preventing escapes and recovering escaped fish?	High	N	SSI, 2,9	Site did not have a site specifc contingency plan. The site did have company general marine containment contingency plan available and was found to be satisfactory. 09/05/2025 - site specific cotingency plan was received and found to be statisfactory.
b(i). Inspection of records relating to equipment, facilities and the site				
General records			CoGP: 4.4.9, 4.4.14,	
2.1 With regard to each facility, net, screen and mooring at each site, a record should be maintained of:-			SSI 2,1	
		Facilities	Moorings	Nets
a) The name of the manufacturer	Low	Y	Y	Y — Fusion Marine, Knox seal pro nets, bird net/ poles
b) Any special adaptations	Low	N/A	N/A	N/A — New moorings had been recently put in.

Point of compliance	Risk level	Satisfactory?	Requirement		Comments and advice given or action taken if necessary
c) The name of the supplier	Low	Y	Y	Y	
d) The date of purchase	Low	N	Y	N	09/05/2025 - records of nets and pens purchase dates were received and found to be satisfactory.
e) Each inspection including					
i) the name of the person conducting the inspection	Low	Y	Y	Y	
ii) the date of each inspection	Medium	Y	Y	Y	
iii) the place of each inspection	Low	Y	Y	Y	
iv) the outcome of each inspection	High	Y	Y	Y	Inspections done on a daily basis' by site staff
f) the date and result of each repair, equipment test and antifouling treatment carried out	High	N/A	N/A	N/A	Equipment is new and has currently had no repairs and anti fouling treatment had been conducted.
2.2. In relation to each net a record of:					
i) The mesh size	Medium	Y	SSI, 2,2		
ii) The code which appears on the identification tag	Medium	Y			
iii) The place of use, storage and disposal	Medium	N/A			stored with servicing company
iv) The depth of water between the bottom of the net and the seabed as measured at the mean low water spring	Low	Y			
2.3. In relation to each facility a record of:					
i) The date of construction	Low	Y	SSI, 2,3		
ii) The material used in construction	Low	Y			
iii) Its dimensions	Low	Y			
2.4. In relation to each mooring a record of-			SSI, 2,4		
i) The date of installation	Low	Y			
ii) The design and weight of the anchors	Low	Y			
iii) The length of the mooring ropes or chains	Low	Y			
2.5. A record of any navigation markers deployed at each site at which fish are farmed	Low	Y	SSI, 2,5		
2.6 In respect of sites at which fish are farmed in inland waters[3]			SSI, 2,6		
a) The type, method of and date of construction of any flood prevention or flood defence measures in place	Low	N/A			
b) The date of and results of any tests conducted on any such measures	Low	N/A			
c) The date of any incident where the site was flood	Low	N/A			
d) The water course height during any such flood incident	Low	N/A			
2.7 A record of-			SSI, 2,7		
a) The date of any severe weather event which caused damage to any facility, net or mooring	Medium	N/A	SSI, 2,11 (a)		
b) Any action taken to rectify any such damage	High	N/A	SSI, 2,11 (b)		
Pen and mooring systems					

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
2.8 Are there documented procedures maintained regarding the selection and installation of pens and moorings?	High	Y	CoGP 4.4.8, 4.4.13	Gael force assist with installation.
2.9 Can the site demonstrate evidence that the design specification of pens and moorings are suitable for purpose and correctly installed?	High	Y	CoGP 4.4.9, 4.4.14	
2.10 Do pen systems meet the manufacturers guidelines?	High	Y	CoGP 4.4.10	
2.11 Are pen systems inspected and approved by suitably qualified / experienced person(s)?	High	Y	CoGP 4.4.11	
2.12 Is there evidence of the competence of personnel involved in the design, installation and maintenance of pen and mooring systems?	High	Y	CoGP 4.4.12, 4.4.15	
2.13 Are pen and mooring components inspected with a) a documented SOP b) a documented inspection plan based on a risk assessment	High	Y	CoGP 4.4.16	
2.14 Do all nets used on site meet industry standards?	High	Y	CoGP 4.4.17	
2.15 Can the site demonstrate an awareness of the minimum fish size in relation to net size	High	Y	CoGP 4.4.19	
2.16 Does the net design, quality and standard of manufacture take into account the conditions that are likely to be experienced on site and include adequate safety margins?	High	Y	CoGP 4.4.20	
2.17 Are nets treated with a UV inhibitor?	Low	Y	CoGP 4.4.21	
2.18 Are nets tested at a pre-determined frequency?	High	Y	CoGP 4.4.22	Once every year nets go back to manfacturer for servcing
2.19 Is the method of test procedure based upon the manufacturers advice?	High	Y	CoGP 4.4.22	
2.20 Are frequent net inspections conducted to look for damage?	High	Y	CoGP 4.4.23	Net washer check the net, every fortnight. Diver checks the net once a month.
2.21 Are net inspection records maintained?	High	Y	CoGP 4.4.23	
2.22 Is the system by which nets are attached to the pen and weighted inspected frequently?	High	Y	CoGP 4.4.24	
2.23 Where damage to nets and/or associated fittings has occurred, or the potential for damage exists, has remedial action been taken?	High	Y	CoGP 4.4.25	
b(ii). Inspection of records relating to training				
3.1 Are training programmes and plans relevant to the various onsite activities documented?	High	Y	CoGP 7.1.8	

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
3.2 Is there a satisfactory record of all training and qualifications for each person working at the site in relation to any boat operations? (This excludes well boat operations)	High	Y	SSI 2,6,a	
3.5 With respect to any transfer of or handling of fish is there a record of all training of each person working on site in relation to containment and prevention of escape of fish, and recovery of escaped fish?	High	Y	SSI 2,7,a	
b(iii). Inspection of records relating to procedures and risk assessments				
4.1 Are procedures which could increase the risk of fish escaping considered to be carefully planned and supervised to minimise risk?	High	Y	CoGP 4.4.29, 5.4.12	
4.2 Before procedures are conducted on site, are the following in place:			CoGP 4.4.30, 5.4.13 SSI 2,7, b , SSI 2, 8, c	
a) a documented risk assessments	High	Y		
b) standard operating procedures	High	Y		
c) contingency plan	High	Y		
4.3 In relation to any boat operations at each site at which fish are farmed is there a record of				
-The type and size of each boat used for operations on the site	Low	Y	SSI 2,6,b	
- The type and size of any propeller guard fitted to each boat used on the site	Low	N	SSI 2,6,c	Records relating to the propeller guards were received on 25/06/2025 and were found to be statisfactory.
4.4 Does the site suffer from regular or heavy predation?		N		
4.5 Are there records of site specific risk assessments ascertaining the risk of predator attack?	Medium	Y	CoGP 4.4.26	
4.6 Are there risk assessments undertaken on a pre-determined frequency?	Low	Y	CoGP 4.4.26	
4.7 A record of any anti-predator measures undertaken at each site at which fish are farmed including:			SSI, 2,8,a	
The type and location of each net, fence and scarer deployed	Medium	N/A		
- The use of lethal means by any person involved in operations on the site	Low	N/A	SSI, 2,8,b	
4.8 Where predator nets are deployed is the advice of Annex 7 considered?	Low	Y	CoGP 4.4.27	
c. Inspection of site and site equipment				

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
5.1 Are there any obvious containment issues on the site?	High	N		
5.2 Is the net mesh size considered to be capable of containing all fish sizes present on site?	High	Y	CoGP 4.4.18	

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
5.3 Do nets carry numbered ID tags?	Low	Y	SSI 2,2 ii	
Look at a percentage of nets on site - Does the net location meet the inventory?	Low	Y		
5.4 Are nets stored away from direct sunlight?	Low	N/A	CoGP 4.4.21	
5.6 Are appropriate measures in place to mitigate predation on site? (Provide detail if necessary)		Y		
5.7 Are boat operations conducted in such a manner which prevents damage to nets and pens?	High	Y	CoGP 4.4.28	
5.8 Is there a requirement for navigation markers to be deployed?	Low	Y	MSA[5] 2010 P4, S21	
5.9 If yes, has this been done in accordance with the necessary requirements?	Low	Y	MS Marine licence	
5.10 If Yes to 5.8 is there a record of any navigation markers deployed?	Low	Y	SSI 2,5	
d. Inspection of site specific procedures				
6.1 Are pen nets examined for holes, tears or damage prior to and during the stocking, moving or crowding of fish?	High	y	CoGP 4.4.31	
6.2 If helicopter transfer of fish is conducted are receiving pen(s) properly prepared:-			CoGP 4.4.32	
a) nets should be secure	High	N/A		
b) pens should be marked with buoys clearly visible from the air	High	N/A		
c) radio contact between farm staff and helicopter crew should be maintained or where this is not possible, pens receiving fish should be manned	High	N/A	CoGP 4.4.33	
Consideration should be given to all other site procedures being undertaken during the visit with respect to containment and the risk of fish farm escapes				

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
Additional actions	**Powers**			**Comments and advice given or action taken if necessary**
e) Collection of samples If necessary collect samples. Indicate if samples have been taken and detail what those samples are and the purpose of their collection	Power granted under the Act – section 5 (3) (a)			
h) Enforcement Notice. If an enforcement notice has been issued then maintain a copy / duplicate and record detail Guidance on completing the Enforcement Notice	Power granted under the Act – Section 6 (2)			

1 An 'escape event' can be defined as any circumstances on or in the vicinity of a fish farm which are believed to have caused an escape, or which may have given rise to a significant risk of an escape of fish.

2 FHI interpretation – Informing the SSPO is only a requirement where the site belongs to an Authorised Production Business which is signed up to the CoGP.

3 being waters which do not form part of the sea or any creek, bay or estuary or of any river as far as far as the tide flows

4 The Aquatic Animal Health (Scotland) Regulations 2009 (as amended)

5 The Marine Scotland Act 2010

Case No: 2025-0072 Date of visit: 19/03/2025

Site No: FS1275 Inspector:

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

Report Summary			
Case Type	Date	Insp	2nd Insp
ECI, VMD, SLI	31/03/2025		
CNA	07/04/2025		
Case Completion	25/06/2025		

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO	FB0095	**DATE OF VISIT**	19/03/2025
SITE NO	FS1275	**SITE NAME**	Flaeshins
CASE NO	20250072	**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 no samples were taken for disease analysis. The Inspector did not observe any clinical signs associated with the listed diseases as described in the Aquatic Animal Health (Scotland) Regulations 2009.

Records

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

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated. The following records were also inspected to ensure that the conditions of authorisation for your Aquaculture Production Business (APB) are being met:

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

Mortality records were inspected and found to be adequately maintained.

Mortality levels had exceeded the reporting criteria since the last inspection and had not been reported to the Fish Health Inspectorate. I would like to remind you of the industry agreement in relation to mortality reporting as detailed in A Code of Good Practice for Scottish Finfish Aquaculture.

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

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

UKAS Accredited Inspection Body – Type C No. 0269
Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Tel – 0131 244 3498 Email – ms.fishhealth@gov.scot
Website - https://www.gov.scot/policies/fish-health-inspectorate/

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

- A mortality event exceeded the reporting threshold and was not reported. A historical report has since been submitted. Site was advised in the future to ensure all mortality events that exceed the reporting threshold are reported. No further action required.

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

Medicine records were inspected and found to be adequately maintained.

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.

An enhanced containment inspection was conducted. A separate report will be issued in due course.

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

Signed: [redacted] Date: 31/03/2025

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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CASE NO	20250072	**INSPECTOR**	[redacted]

ENHANCED CONTAINMENT INSPECTION

An enhanced inspection to ascertain the risk of escape from the fish farm was conducted in accordance with the Aquaculture and Fisheries (Scotland) Act 2007.

The visit consisted of an inspection of facilities, records and the provision of advice.

a) Inspection of i) escape incidents and ii) contingency procedures

The site had a generic company marine containment contingency plan in place, but did not have a site specific containment contingency plan.

The following recommendations are made for improvement.

It is recommended that a site specific containment contingency plan is put in place in accordance with the Code of Good Practice for Scottish Finfish Aquaculture (CoGP) Chapter 4, point 4.34.

It is recommended that a record of the site specific containment contingency plan is maintained in accordance with schedule 2, section 9 of the Fish Farming Businesses (Record Keeping) (Scotland) Order 2008.

b)i) Inspection of records relating to equipment, facilities and the site

Minor issues were raised regarding records relating to equipment, facilities and the site.

The following recommendation is made for improvement.

It is recommended that a record is put in place and maintained of the date of purchase of pens and nets in accordance with The Fish Farming Businesses (Record Keeping) (Scotland) Order 2008, under schedule 2, Section 1 (d).

b)ii) Inspection of records relating to training

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

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Website - www.gov.scot/Topics/marine/science

b)iii) Inspection of records relating to procedures and risk assessments

A minor issue was raised regarding records relating to procedures and risk assessments.

The following recommendation is made for improvement.

It is recommended that a re cord is maintained of the type and size of any propeller guard fitted to each boat used for operations on the site, in accordance with The Fish Farming Businesses (Record Keeping) (Scotland) Order 2008, schedule 2, Section 6 (c).

c) Inspection of site and site equipment

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

d) Inspection of site specific procedures

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

Further Action

The recommendations in this report should be implemented by **Friday 9th May 2025** Documentation should be provided as evidence that the recommendations have been implemented. Enforcement action may result if the recommendations are not implemented in the necessary time frame. Records should be sent to Marine directorate Fish Health Inspectorate (FHI) (contact details are provided below).

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

Signed: [redacted] Date: 07/04/2025

Fish Health Inspector

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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO	FB0095	**DATE OF VISIT**	19/03/2025
SITE NO	FS1275	**SITE NAME**	Flaeshins
CASE NO	20250072	**INSPECTOR**	[redacted]

Case completion report

Recommendations in relation to the above case were made for implementation by 09/06/2025. Following submission of the required documentation, evidence has now been provided to the Fish Health Inspectorate to demonstrate that the recommendations have been implemented.

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

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

Signed: [redacted] Date: 25/06/2025

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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Case No: 2025-0075 Date of visit: 10/03/2025

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

Site No: FS1361 Site Name: Applecross Smolt Ongrowing 2
Business No: FB0169 Business Name: Bakkafrost Scotland

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

Water Temp (°C): 12 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?	Y	If yes, see additional information/clinical score sheet.
Gross pathology observed?	Y	If yes, see additional information/clinical score sheet.
Diagnostic samples taken?	Y	

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

Additional Case Information:

First fish to be put onto site, issue with fungus reported.

TMS used for check weighs. Increased salinity used for fungus treatment.

Some samples had been taken but results have not been received yet. Samples of fungus being taken on the day of the inspection.

Mortality levels are above the threshold and will be reported but this has not been reported yet.

Surveillance frequency, number of movement offsite could not be calculated due to lack of data, scoring was based on Applecross Smolt Ongrowing 1 data as likely to be similar.

Site thermometer used due to biosecurity, probes are checked regularly with a calibrated oxyguard thermometer.

Case No:	2025-0075	Site No:	FS1361
Date of Visit:	10/03/2025	Inspector(s):	[redacted]

Registration/Authorisation Details

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

Site Details (include cleaner fish for all sections)

Total No facilities	4	Facilities stocked	1	No facilities inspected	4		
Species	SAL						
Age group	2023 Q4						
No Fish	290 000						
Mean Fish Wt	212g						
Next Fallow Date (Site)	17/18	Next Input Date (Site)	possible wk 17/18				
Recent (last 4 wks) disease problems?	Y	Any escapes (since last visit)?	N				
If yes, detail:	post transfer fungus						

Movement Records

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

Transport Records

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

Mortality Records

1. Mortality records available for inspection?	Y
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals
If other detail:	
3. Mortality records complete and correctly entered?	Y
4. Recent mortality (last 4 wks):	wk 9 4468 (1.43%), wk 10 12,770 (4.14%),
5. Evidence of recent increased/atypical mortalities?	Y

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

as above, post transfer fungus, mortality removal on-going as well as moribund culls

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:	TMS
If other, detail:	Increased salinity
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)?	TMS
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?	N/A
3. Any significant results?	N/A
If yes, detail (if not detailed under recent disease problems).	

Records checked between:	25/2/2025 to 10/3/2025

Case no:	2025-0075	Site No:	FS1361	Date of visit/ Sampling:	10/03/2025	10/0							
Priority samples:	VI		BA		PA		MG		HI				
Time sampling starts/ends:	16:00:00	17:00:00	Inspector:		VMD No.	8							
Environmental conditions:	1	Indoors	2		3		4		5				
Summary samples	HIST	Y	BA	Y	MG	Y	VI		PA	Y	Total Samples		

Add Fish/Pools - click

	Pool/Fish No	F1	F2	F3	F4	F5							
	Fish nos	1	2	3	4	5	6-15						
	Pool Group	P1	P1	P1	P1	P1							
Stock Details	Species	SAL	SAL	SAL	SAL	SAL	SAL						
	Average weight	200g	200g	200g	200g	200g	200g						
	Sex	N/A	N/A	N/A	N/A	N/A	N/A						
	Water Type	FW	FW	FW	FW	FW	FW						
	Stock Origin	Applecross smolt unit 2	Applecross smolt unit 2	Applecross smolt unit 2	Applecross smolt unit 2	Applecross smolt unit 2	Applecross smolt unit 2						
	Facility No	1	1	1	1	1	1						

03/2025 Additional Sample Information:

Fin samples are pooled into 2 tubes one tube f1-3 the second is F4-5.

5 Total Tests assigned 2

Case no: 2025-0075 Site No: FS1361 Method of killing: Anaesthetic

Date of visit: 10/03/2025 Inspector(s): [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	S	S	S	S	S					
	Lethargic										
	Hanging vertical										
	Spiralling										
	Flashing										
	Loss of equilibrium										
Body	Dark										
	Distended abdomen										
	Anorexic										
	Scale Oedema										
Opercula	Shortened										
	Flared										
Haemorrhaging	Throat										
	Ventrum	S	S	S	S	S					
	Base of fins	S	S	S	S	S					
	Elsewhere										
Eyes	Exophthalmic										
	Enophthalmic (sunken)										
	Cataract										
	Haemorrhagic										
Gills	Pale			m		w					
	Zoned										
	Necrotic										
Lesions	Flank	S	S	S	S	S					
	Elsewhere										
Vent	Inflamed										
	Trailing faeces										
Lice Load	Estimate numbers										
Internal Signs											
Ascites	Clear										
	Bloody										
Oedema	In tissues										
Heart	Pale/anaemic										
	Granulomas										
	Deformed	W	W	W		W					
Liver	Petechial haem										
	Gross haem										
	Tissue breakdown										
	Enlarged										
	Colour number(s)	2	2	2	2	2					
	Granulomas										
	Lesions										
Pyloric caeca	Petechial haem										
	Tubules mauve										
	Lack of fat										
Spleen	Enlarged				M						
	Granulomas										
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: 2025-0075

Date of visit: 10/03/2025

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:

F2 to F5 had fungal infection around the pectoral fin causing significant erosion.

Case Number:	2025-0075		Site No:	FS1361	Insp:	
Date of Visit	10/03/2025					

		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 equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3

Exposure via water	**Site contacts**	**0**	**1-5**	**6-10**	
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0			0
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4	
	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	2
	Sites sharing staff and equipment	0	1	2	2

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: 2025-0075 Site No: FS1361

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 average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?	
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.	
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	
10. Have therapeutic treatments been administered or other actions taken when *L. salmonis levels* have exceeded the suggested criteria for treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	
11. Has any other action been taken (where applicable)?	
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?	
13. Are treatments, where conducted, carried out in cooperation between participating farms?	
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?	
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?	
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.	

Containment Inspection

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

site indoors

If other, detail below:

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

Case No: 2025-0075 Date of visit: 10/03/2025

Site No: FS1361 Inspector:

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2nd Insp
IPN (PCR) - IPNM	2/5	17/03/2025		17/03/2025		01/05/2025		
VHS (PCR) - VHSP	0/5	17/03/2025		17/03/2025		01/05/2025		
Salmonid alphavirus (SAV) (PCR) - SALP	0/5	17/03/2025		17/03/2025		01/05/2025		
Gyrodactylus salaris - GSAL	0/5	17/03/2025		17/03/2025		01/05/2025		
IHN (PCR) - IHNP	0/5	17/03/2025		17/03/2025		01/05/2025		
Gill pathology - GPAT	4/5	26/03/2025		26/03/2025		01/05/2025		
Heart pathology - HPAT	5/5	26/03/2025		26/03/2025		01/05/2025		
Adhesions - ADHE	2/5	26/03/2025		26/03/2025		01/05/2025		
Kidney pathology - KPAT	1/5	26/03/2025		26/03/2025		01/05/2025		
Spleen pathology - SPAT	3/5	26/03/2025		26/03/2025		01/05/2025		
Saprolegnia parasitica	2/2	25/32025		26/03/2025		01/05/2025		
Aeromonas spp. (PCR) AERO	1/1	01/04/2025		02/04/2025		01/05/2025		
Aeromonas salmonicida (PCR) ASAP	0/1	02/04/2025		02/04/2025		01/05/2025		
Aeromonas spp. Culture	5/5	09/04/2025		15/04/2025		01/05/2025		
No significant bacteria (culture) - NSIG	1/5	09/04/2025		15/04/2025		01/05/2025		
Aeromonas salmonicida pectinolytica - ASPE	5/5	26/06/2025		01/07/2025		02/07/2025		

Report Summary			
Case Type	Date	Insp	2nd Insp
ECI,CNI	18/03/2025		
DIA	01/05/2025		
DIA additional result	03/07/2025		

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO	FB0169	**DATE OF VISIT**	10/03/2025
SITE NO	FS1361	**SITE NAME**	Applecross Smolt Ongrowing 2
CASE NO	20250075	**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. Samples were taken for diagnostic purposes. A separate report will be issued detailing the results of these tests.

Records

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

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated. The following records were also inspected to ensure that the conditions of authorisation for your Aquaculture Production Business (APB) are being met:

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

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

Mortality records were inspected and found to be adequately maintained.

Mortality levels had exceeded the reporting criteria since the last inspection and had been reported to the Fish Health Inspectorate as required.

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

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

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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.

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

Signed: [redacted] Date: 18/3/2025

Fish Health Inspector

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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO	FB0169	**DATE OF VISIT**	10/03/2025
SITE NO	FS1361	**SITE NAME**	Applecross Smolt Ongrowing 2
CASE NO	20250075	**INSPECTOR**	[redacted]

Section 1: Summary

During a routine site inspection, it was reported that there were elevated mortalities, on inspection of the stock approximately 100 salmon were observed with fungal-like lesions, five were removed for further examination and subsequent diagnostic sampling.

Histopathological examination revealed features consistent with systemic bacterial infection resembling *Aeromonas* sp. which was also identified on plates taken from kidney material. Sequencing was conducted on the isolate however, the result was not conclusive enough to provide further identification.

Infectious pancreatic necrosis virus was detected in three fish by qPCR. The significance of this result was unclear as no associated pathology was observed and the fish have been vaccinated.

DNA sequence analysis was performed on material from the pectoral fins of F1 and F2 indicating the isolate to be *Saprolegnia parasitica* phylotype S2 (common to UK).

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

Section 2: Case Detail

Observations

The site was stocked with 290,000 2023 Q4 Atlantic salmon at an average weight of 212g, this was the first batch of fish to be input to the site. The fish were transferred from Applecross Smolt Unit 2 (FS1362) a couple of weeks prior to the inspection. Post input, fungus had become established in the population with 12,770 (4.14%) mortalities recorded in week 10. On inspection of the stock moribund salmon were observed with obvious fungal lesions on the flanks, fins and backs.

Of the five fish sampled all were moribund with haemorrhaging on the ventrum and base of the fins with fungal lesions also present. Significant fin erosion was noted on F2 -F5.

Internally, with the exception of F4, the fish had deformed hearts, F4 displayed splenomegaly and the kidneys of all fish were granular in texture.

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Samples

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

Fish number	Facility number	Species	Stage	Origin
F1-F5	1	Atlantic salmon	200g 2023 Q4	Applecross Smolt Unit 2

Results

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

The following bacteria were isolated:

- *Aeromonas* sp*. F1-F5 (kidney)*

The level and purity of growth would suggest that this bacterium would be implicated in morbidity.

From the tests conducted, we do not have evidence of resistance to florfenicol or sulphamethoxazole/trimethoprim and resistance to amoxycillin and oxytetracycline.

All fins showed the presence of fungal mycelium consistent with *Saprolegnia* sp. and dermal erosion. Samples from F1 and F2 were sent for DNA sequence analysis which confirmed *Saprolegnia parasitica* phylotype S2 *.*

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

Infectious pancreatic necrosis virus (IPNV)

Fish Number	**Endogenous control Cp value**	**Cp Values**			**Reported Result (PCR)**
F1	-	-	-	-	Negative
F2	-	-	-	-	Negative
F3	16.70	37.16	35.33	37.36	POSITIVE
F4	15.68	35.89	37.39	36.56	POSITIVE
F5	-		-	-	Negative

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

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

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No monogenean parasites were observed.

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

Histopathological examination revealed the following:

Gill: Small scatter foci of lamellar hyperplasia (F2, F3). Several dense aggregates of Gram-negative rod-shape bacteria (F3, F4), also observed in the cell debris among gill filaments (F1, F3 & F4). Low level of inflammation observed in F3, F4.

Skin & Muscle: Within the normal range.

Heart: Minor epicarditis (F1). F3 and F4 displayed epicarditis with dense aggregates of Gram-negative rod-shape bacteria and F2 to a lesser extent. Bacteria also observe within the two chambers in F3.

Gut and pyloric caeca: Mild peritonitis (F3, F5). Some gut content with Gram-negative bacteria associated (F2, F3). F5 displayed reduced abdominal fat.

Pancreas: Within the normal range.

Liver: Hepatocellular vacuolation (macrovesicles), mild, multifocal (F4).

Kidney: Some foci of interstitial cell (haemopoietic) necrosis and few aggregates of rod-shaped Gram-negative bacteria (F3).

Spleen: Cuffing observed in all fish. Some capsulitis (F1, F2, F3) with Gram-negative rod-shaped bacteria observed in F3.

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

Signed: [redacted] Date: 01/05/2025

Fish Health Inspector

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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO	FB0169	**DATE OF VISIT**	10/03/2025
SITE NO	FS1361	**SITE NAME**	Applecross Smolt Ongrowing 2
CASE NO	20250075	**INSPECTOR**	[redacted]

With regard to the previous report issued on the 1/5/2025, it was reported that *Aeromonas* sp. was isolated from kidney samples from F1-F5. It was requested that further testing be completed to identify the isolate.

Sequencing of the 16s and rpoD genes indicated *Aeromonas salmonicida* but no further species ID could be achieved using these methods.

Further QPCR and sequencing tests targeting the vapA gene that encodes for the A-layer surface virulence array protein were used, both reported as negative, indicating a potential identification of *Aeromonas salmonicida* subspecies *pectinolytica,* as this does not possess the A-layer gene, in addition, biochemical screening for pectinolytic activity was consistent with *Aeromonas salmonicida* subspecies *pectinolytica*.

Please refer to the previous report for all results.

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

Signed: [redacted] Date: 02/07/2025

Fish Health Inspector

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Case No: 2025-0291 Date of visit: 12/03/2025

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

Site No: FS1368 Site Name: North Ericht Bank Field
Business No: FB0592 Business Name: RSA Blairgowrie Ltd

Case Types: 1 ALA 2 3 4 5 6

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

Observations: Region: TA Water type: F 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:

the definition of 'closed facility' to permit the stocking of a non-native species under the Alien and Locally Absent Species Regs.

the use of alien and locally absent species in aquaculture.

●Does the facility involve the recirculation of water:
The system is a recirculating system yes.

●Do discharges not connect in any way to open waters before screening and filtering or percolation and filtering to prevent the release of solid waste into the aquatic environment:
The system is recirc with the site not intending to discharge any water unless during small water changes. The water leaves the fish ponds via a screen that is small enough to contain ova, passes through a mechanical and biological filter before then being pumped through the various plant beds and then recirculated back into the fish ponds. Some of the plant beds are located just outside the polytunnel and some water will be directed to these. Any overspill will drain into the field which is located >60m from the river. So no discharge into open waters will occur.

●Are measures in place to prevent the escapes from the facility of the farmed species and non-target species that may survive and subsequently reproduce:
All fish will be kept in raised ponds and tanks only connected to filtration and plant beds in the land based system. Plant beds are lined and waste water from the beds is recirculated back to the fish ponds. Lids or nets on tanks and ponds will be used when required. All tanks and ponds will have a jump barrier either installed or the tank will not be fully filled to allow the tank wall to be used as a jump guard. There is no physical route for fish or plants to escape to a body of water due to physical barriers and distance overland. Appropriate screening will be used to safeguard against the release of fish, fry eggs and plants into the wider environment.

●Are measures in place to prevent the loss of reared specimens or non-target species and other biological material, including pathogens due to factors such as predators (e.g. birds) and flooding:
Most of the system is contained within a covered polytunnel (indoors) and will be checked daily to ensure no predators can access the aquaculture areas. There is a mesh fence fitted in the walls of the tunnels to ensure that ground predators cannot gain access.

●For predators is there predator control plan and what are the measures in place to prevent predation:
Fish tanks and ponds will be within a polytunnel, that will provide a barrier from animals from accessing the ponds where fish are kept.
Sides and doors to the polytunnels will provide a barrier from terrestrial animals

Case No: 2025-0291 Date of visit: 12/03/2025

Site No: FS1368 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
ALA	24/07/2025		

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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO	FB0592	**DATE OF VISIT**	12/03/2025
SITE NO	FS1368	**SITE NAME**	North Ericht Bank Field
CASE NO	20250291	**INSPECTOR**	[redacted]

An application for authorisation to farm the following non-native fish and plant species, was received on the 23rd January 2024:

Koi carp (*Cyprinus rubrofuscus)*
Palm Sedge (*Carex muskingumensis*)
White Star Grass (*Dichromena colorata*)
Brazilian Waterweed (*Egeria densa*)
Chameleon Plant (*Houttuynia cordata*)
Lawn Marshpennywort (*Hydrocotyle sibthorpioides*)
Louisiana Iris (*Iris louisiana*)
Cardinal Flower (*Lobelia cardinalis*)
Copper Monkey Flower (*Mimulus cupreus*)
Yellow Monkey Flower (*Mimulus luteus*)
Red Foxtail (*Myriophyllum brasiliense*)
Water Celery (*Oenanthe javanica*)
Water Lettuce (*Pistia stratiotes*)
Broadleaf Arrowhead (*Sagittaria latifolia*)
Lizard's Tail (*Saururus cernuus*)
Arum Lily (*Zantedeschia aethiopica*)

The production facilities at North Ericht Bank Field, operated by RSA Blairgowrie Ltd, were inspected on the 12th March 2025 to determine if an application for a permit was required under the Alien and Locally Absent Species in Aquaculture (Scotland) Regulations 2015. Movements of alien or locally absent species to facilities meeting the definition of a 'closed aquaculture facility' are exempt from the permit process provided that transport is carried out under conditions that prevent the escape of those species and any non-target species.

It was determined that the facilities and their current operation met the requirements of a closed aquaculture facility under Article 3(3) of assimilated regulation No 708/2007. The transport methods proposed were deemed to be acceptable with regards to containment and prevention of escape.

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Operational activities included:

- The site is surrounded by a boundary fence and has 24hr onsite security;
- Fish and plants will be held in recirculation ponds that are located within polytunnels with buried sidewalls to prevent predator/vermin ingress;
- Recirculated water leaves the fish ponds before passing through a mechanical and biofilter and entering a series of plant beds before returning to the fish holding ponds. There is a primary screen at the outlet of each fish pond;
- The fish ponds are raised, plant beds are lined and are both located >60m from any natural waters;
- Mortalities are removed daily and stored in a bio-secure manner prior to disposal;
- Mortalities will be collected by an approved waste contractor for bio secure disposal;
- Transportation of stock into the site is conducted in sealed bags within sealed boxes, with all water associated with the transport discharged into the recirculating system;
- All materials associated with transport are disinfected prior to disposal;
- An auditable record of stock and product transfers is maintained;
- Stock will be only be sold for ornamental purposes;
- No discharge into natural waters.

The movement of the non-native species listed above into the North Ericht Bank Field site is considered exempt under Article 2(7) of assimilated regulation No 708/2007 from the permitting process.

RSA Blairgowrie Ltd is reminded that should there be any change to the current operational practices at North Ericht Bank Field, this may result in the requirement for a permit under the 2015 Regulations.

To ensure compliance with the 2015 Regulations, any operational changes or the addition of non-native species not listed above, must be discussed with the Fish Health Inspectorate prior to changes being implemented or species being stocked.

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

Signed: [redacted] Date: 24/07/2025

Fish Health Inspector

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