

Case No:	2024-0459	Date of visit:	26/11/2024			
Time spent on site:	2 Hours	Main Inspector:				
Site No:	FS0643	Site Name:	Langass Hatchery			
Business No:	FB0169	Business Name:	Bakkafrost Scotland			
Case Types:	1 ECI	2 CNI	3	4	5	6
Water Temp (°C):	6.6	Thermometer No:	T309	FHI 045 completed	N/A	
Observations:	Region:	WI	Water type:	F	CoGP MA:	
Dead/weak/abnormally behaving fish present?	N	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:

Langass Hatchery has recently re-opened and is planning to serve as a broodstock site where fish will be on grown and stripped onsite.

The sites first batches of eggs have just recently been stocked. Upon delivery eggs are being sorted and graded based on egg quality. All viable eggs are currently held in zoug jars prior to shocking which is due to occur at 270 degree days. All of the stock that are currently on the site are yet to be shocked so the hatchery does not conduct daily mortality checks at this point in order to prevent disturbing the eggs. At 380 degree days eggs will be transferred to the sites compatch unit prior to hatching. Once eggs are transferred to the compatch unit daily mortality checks will commence.

The site was fallow at the date of last inspection in 2021.

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Inspector(s):

Registration/Authorisation Details

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

Y
Y

Site Details (include cleaner fish for all sections)

Total No facilities	209 + 2 FW hatcheries	Facilities stocked		1 FW hatchery	No facilities inspected		209 + 2 FW hatcheries
Species	SAL						
Age group	OVA						
No Fish	4,952,070						
Mean Fish Wt	0.15g						
Next Fallow Date (Site)	Never fallow		Next Input Date (Site)		27/11/2024		
Recent (last 4 wks) disease problems?			N	Any escapes (since last visit)?			N
If yes, detail:							

Movement Records

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

Y
05/10/2021
Y
Y
Y
N/A

Transport Records

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

Y
Y

Mortality Records

1. Mortality records available for inspection?
 2. How are mortalities disposed of?
 3. Mortality records complete and correctly entered?
 4. Recent mortality (last 4 wks):
 5. Evidence of recent increased/atypical mortalities?
- If yes, facility nos/no mortality per facility/no stock per facility/reason:

Other (detail)

Whole fish - Whiteshore cockles

See additional information

6. Any other peaks in mortality during period checked?

If yes, detail:

7. Have increased (unexplained) mortalities been reported to vet or FHI?

If yes, detail action:

8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.

Y
Y
Y
N
N
N/A
N/A

Treatments and Medicines Records

1. Recent treatments (see comment)?

Y

If yes, detail:

Formalin

If other, detail:

2. Medicines records available for inspection?

Y

3. Are records complete and correctly entered?

N

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?

N

2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?

N

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?

N

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?

N

5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?

N

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.)?

N

7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?

N

8. Have the biosecurity procedures been adequately implemented on site?

N/A

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:

05/10/2021 - 26/11/2024

Case Number:	2024-0459	Site No:	FS0643	Insp:	
Date of Visit	26/11/2024	No of movements/supp./dest.			Score
Live fish movements		0	1-5	6-10	>10
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26
	Number of suppliers	0	5	10	14
Movements off	Frequency of movements off	0	3	6	10
	Number of destinations	0	3	6	10
Exposure via water		Site contacts		0	1-5
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	
	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	
On farm processing within the rules of the directive	No on farm processing	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			
	Collection point for waste from other farms	5			
Use of unpasteurised feeds	No feeding of unpasteurised feed	0			
	Feeding unpasteurised feed	5			
Biosecurity		Number of sites		1	2 or 3
Contacts with other sites	Sites operating from single shorebase	0	1	2	
	Sites sharing staff and equipment	0	1	2	
Disinfection of equipment between sites, use of footbaths etc	Yes	0			
	No	1			
CoGP/Regulator					
Practices in accordance with regulator or industry code of practice	Yes	0			
	No	3			
Platform access to cages	Yes	0			
	No	2			
				Total Rank	10
					LOW

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Sea Lice Inspection (Seawater Sites Only)

1. Has the site experienced sea lice problems in the previous 4 years?
2. Is the CoGP Farm Management Area (or equivalent) followed synchronously on a single year class basis?
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)
8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?
- If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments been administered or other actions taken when *L. salmonis* levels have exceeded the suggested criteria for treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)
11. Has any other action been taken (where applicable)?
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
13. Are treatments, where conducted, carried out in cooperation between participating farms?
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

Containment Inspection

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

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

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Inspector: [REDACTED]

[illegible][illegible]



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0169	DATE OF VISIT	26/11/2024
SITE No	FS0643	SITE NAME	Langass Hatchery
CASE No	20240459	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 low. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every third 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.

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 inadequately maintained.

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

R04

The sites biosecurity measures plan was not available at the time of inspection. A site specific biosecurity measures plan which details the following minimum criteria is to be sent to the Fish Health Inspectorate for inspection:

- The manner and frequency in which mortalities will be removed, recorded and safely disposed of by the APB.
- The manner and period in which the APB will notify the Scottish Ministers(1) or a veterinary professional of any increased or unexplained mortalities in aquaculture animals held on each farm site.
- The actions that will be taken by the APB in the event that the presence or suspicion of the presence of any listed disease(2) is detected and how and when that will be notified to the Scottish Ministers.
- The minimum health status of aquaculture animals to be stocked on the farm site, to ensure that stocks being placed on the farm site shall only be sourced from farms of an equal or higher health status and where required, certified as such.
- The husbandry and bio-security measures to be implemented between epidemiological units on the farm to ensure the transmission of fish diseases by the movement of staff, visitors, equipment and live or dead fish is minimised.
- The measures that are in place at the farm site to maintain the physical containment of the aquaculture animals held on the farm site.

This must be addressed to ensure the conditions of authorisation for your Aquaculture Production Business (APB) are being met. Records or documentation demonstrating that these points have been addressed should be sent to the Fish Health Inspectorate (contact details below) within 30 days of the date this report was issued.

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 inadequately maintained.

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

Treatment records did not state the identification of the animals treated.

Records or documentation demonstrating that these points have been addressed should be sent to the Fish Health Inspectorate (contact details below) within 30 days of the date this report was issued.

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.

R04



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:



Date: 10/12/2024

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at [Fish Health Inspectorate Service Charter - gov.scot \(www.gov.scot\)](https://www.gov.scot/policies/fish-health-inspectorate/)



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CASE No	20240459	INSPECTOR	[REDACTED]

Case completion report

Recommendations in relation to the above case were made for implementation by 20/01/2025. 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:

Date: 20/01/2025

Fish Health Inspector

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