

Case No: 2024-0206 Date of visit: 27/08/2024

Time spent on site: 4h Main Inspector:

Site No: FS0890 Site Name: Jubilee Loch Shin
Business No: FB0341 Business Name: Migdale Smolts Ltd

Case Types: 1 OTH 2 VMD 3 REG 4 5 6

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

Observations: Region: HI 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/A 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:

Site inspection conducted to assess the containment measures during the vaccination process.

The pen is initially crowded by lifting two loops and then a float line is used to crowd fish towards an uplift pipe nozzle connected to a mobile vacuum snail pump. The pipe is a flexible polypropylene clear 6 inch pipe with connectors double clamped by standard connectors (spanner tightened).

The vaccination machine is situated within a container secured to a large raft moored alongside the pens. Fish are pumped from the pen to the holding tank where they are de-watered before being transferred into the anaesthetic bath.

After dosing, the fish are then transferred onto the vaccination machine (Inoca semiautomatic) line where they are hand fed onto a belt and vaccinated and transferred to the exit pipework and flushed down through a quatro counter box, this allows the fish to be spot checked for vaccination quality and also counted before being returned to a pen via rigid 6 inch pipework.

Connections on the rigid pipework are held together with small ratchet straps fed through small slots and is supported by metal framework. Prior to work commencing the setup is inspected by the site engineer to ensure it is secure and appropriate.

Once the pen is empty the pipework continues to be flushed for several minutes to ensure no fish remain within the uplift pipe before being transferred to the next pen.

Nets on site are all dynema and are serviced by Highland Aquateam for washing, repairing and strength testing prior to use on the site (records maintained). Daily checks of nets above the waterline is conducted and prior to restocking an empty pen the net is lifted out of the water and visually inspected.

All stages of the process appeared to be secure with no containment issues noted.

The vaccination machine setup SOP was available for inspection, the setup observed was in accordance with the SOP.

Case No: Site No:

Date of Visit: Inspector(s):

Registration/Authorisation Details

1. Business/site details summary checked by site representative?

2. Changes made to details?

Site Details (include cleaner fish for all sections)

Total No facilities	<input type="text" value="31"/>	Facilities stocked	<input type="text" value="22"/>	No facilities inspected	<input type="text" value="5"/>
Species	<input type="text" value="SAL"/>	<input type="text" value="SAL"/>			
Age group	<input type="text" value="2024 q4"/>	<input type="text" value="2025 q1"/>			
No Fish	<input type="text" value="660,844"/>	<input type="text" value="144,729"/>			
Mean Fish Wt	<input type="text" value="85g"/>	<input type="text" value="65g"/>			
Next Fallow Date (Site)	<input type="text" value="March 2025"/>		Next Input Date (Site)	<input type="text" value="May 2025"/>	
Recent (last 4 wks) disease problems?	<input type="text" value="N"/>		Any escapes (since last visit)?	<input type="text" value="N"/>	
If yes, detail:	<input type="text" value=""/>				

Movement Records

1. Movement records available for inspection?

2. Date of last inspection:

3. Are records complete and correctly entered?

4. Are movement records available for dead fish and waste?

5. Are records complete and correctly entered?

6. Are health certificates for introductions (outwith GB) available?

Transport Records

1. Are any movements carried out by (or on behalf) of the business (not using a STB)?

If yes, is there a system in place for maintenance of transportation records?

Mortality Records

1. Mortality records available for inspection?

2. How are mortalities disposed of?

If other detail:

3. Mortality records complete and correctly entered?

4. Recent mortality (last 4 wks):

5. Evidence of recent increased/atypical mortalities?

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

6. Any other peaks in mortality during period checked?

If yes, detail:

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

If yes, detail action:

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

Treatments and Medicines Records

1. Recent treatments (see comment)? Y

If yes, detail: TMS, Alphaject micro 1 PD, Alphaject micro 6 , Ridgeway pasteur

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, Alphaject micro 1 PD, Alphaject micro 6 , Ridgeway pasteur

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?

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: 18/6/2024 to 27/8/2024

Case no: Site No: Date of visit/
 Sampling:

Priority samples: VI BA PA MG HI

Time sampling starts/ends: Inspector: VMD No.

Environmental conditions: 1 2 3 4 5

Summary samples HIST BA MG VI PA Total Samples

Add Fish/Pools - click

Pool/Fish No												
Fish nos	1-40											
Pool Group												
Species	SAL											
Average weight	75g											
Sex	N/A											
Water Type	FW											
Stock Details		Kintail Hatchery										
	Stock Origin											
	Facility No	28										



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0341	DATE OF VISIT	27/08/2024
SITE No	FS0890	SITE NAME	Jubilee Loch Shin
CASE No	20240206	INSPECTOR	[REDACTED]

An inspection was conducted to observe the containment measures in place during the vaccination of stocks due to reports of feral farmed fish being caught in Loch Shin.

All aspects of the process were inspected, it was deemed that suitable measures and safeguards were in place with no containment issues noted, no recommendations for improvement have been made.

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 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.

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.

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

Signed: [REDACTED]

Fish Health Inspector

Date: 10/9/2024

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at [Fish Health Inspectorate Service Charter - gov.scot \(www.gov.scot\)](http://www.gov.scot/Topics/marine/science)

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