

Case No:	2025-0188	Date of visit:	21/05/2025			
Additional inspector(s):		Main Inspector:				
Site No:	FS0234	Site Name:	Torridon			
Business No:	FB0119	Business Name:	Mowi Scotland Ltd			
Case Types:	1 ECI	2 CNI	3 SLI	4 VMD	5 DIA	6
Water Temp (°C):	11.3	Thermometer No:	T173	FHI 045 completed	N/A	
Observations:	Region:	HI	Water type:	S	CoGP MA	M-17
Dead/weak/abnormally behaving fish present?	<input type="checkbox"/> Y	If yes, see additional information/clinical score sheet.				
Clinical signs of disease observed?	<input type="checkbox"/> Y	If yes, see additional information/clinical score sheet.				
Post mortem signs observed?	<input type="checkbox"/> Y	If yes, see additional information/clinical score sheet.				
Diagnostic samples taken?	<input type="checkbox"/> Y					
UNI/REG only - if unable to carry out intended visit detail reason below:						

Additional Case Information:

Sal mortalities last four weeks: wk 20 961 (0.14%), wk 19 731 (0.11%), wk 18 828 (0.12%), wk 17 1086 (0.16%) recorded as HSMI.

Peaks in sal mortality 2024: wk 41 5993 (1.81%), wk 42 12655 (4.38%), wk 43 18648 (3.03%) recorded as anaemia and gill infections, the site was fallow end of wk 43.

Lumpfish morts last four weeks: wk 20 1303 (1.67%), wk 19 905 (1.14%), wk 18 648 (0.81%), wk 17 913 (1.13%) no specific cause.

Peaks in lumpfish mortality 2024 wk 41 2973 (8.06%) handling. Peaks in 2025: wk 10 1253 (1.37%), wk 11 1381 (1.53%), wk 12 3356 (3.77%), wk 13 1428 (1.67%), wk 16 1819 (2.21%) mainly sea lice treatment handling with some without diagnosis.

No wrasse currently on site. No peaks for the period records were checked.

No chemical treatments for the period checked. Freshwater and FLS has been used in January, March and April 2025. Thermolicer used wk 20.

Due to level of mortalities in October 2024 the Hordafor 3 boat was used to ensile and transfer morts. Documents do not detail the destination however emails detail the destination as Pelagia. Due to the mortality levels the site was depopulated in October 2024.

The stocks appeared in good health. One pen had five or six fish with some physical damage. One fish was observed in pen 11 spiralling and lethargic. This was removed for diagnostic sampling.

Harvests conducted by live and dead haul.

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Date of Visit: 21/05/2025

Main Insp:

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	12	Facilities stocked	12	No facilities inspected	12
Species	Atlantic salmon	Lumpsucker			
Age group	2024 Q4	2025			
No Fish	671,506	75,893			
Mean Fish Wt	2.31kg	n/a			
Next Fallow Date (Site)	October 2025	Next Input Date (Site)	November 2025		
Recent (last 4 wks) disease problems?		Y	Any escapes (since last visit)?		N
If yes, detail:	HSMI identified but not causing significant mortalities				

Movement Records

1. Movement records for **all species** held 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. Have all introductions and imports (since last inspection) from outwith the GB health zone been recorded in the movement records?

Y
09/10/2025
Y
Y
N
N/A

Transport Records

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

Y
Y

Mortality Records

1. Mortality records for **all species** held 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:

Ensiled - on site

Some waste goes to Dundas and Barkip, some uplifts by Hordafor 3 boat to Pelagia Shetland

see additional information

6. Any other peaks in mortality during period checked?

If yes, detail: see additional information

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/A
Y

Treatments and Medicines Records

1. Recent treatments (see comment)?

Y

If yes, detail:

T.M.S.

If other, detail:

2. Medicines records available for inspection?

Y

3. Are records complete and correctly entered?

Y

4. Are fish in a withdrawal period?

Y

5. If yes, what treatment(s)?

T.M.S.

If other, detail:

6. Are medicines stored appropriately?

Y

Biosecurity Records

1. Biosecurity records available for inspection?

Y

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

Y

3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any *increased (unexplained)* mortality at the site been included?

Y

4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and *how* and *when* that will be notified to Scottish Ministers?

Y

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

Y

6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?

Y

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

Y

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

Y

If no, detail:

Results of Surveillance

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

Y

2. If yes, are results available for inspection?

Y

3. Any significant results?

Y

If yes, detail (if not detailed under recent disease problems).

PGD and CGD and anaemia (2024) Moritella, PRV, Tenebaculum spp. Branchiomonas, Paranucleospora and AGD (2025) not causing mortalities, identified by PCR

Records checked between:

09/10/2024 to 21/5/2025

Case no: 2025-0188 Site No: FS0234 Date of visit/
Sampling: 21/05/2025 21/05/2025

Priority samples: VI BA PA MG HI

Time sampling starts/ends: 13:00:00 13:20:00 Main Insp: VMD No. 0

Environmental conditions: 1 Indoors 2 3 4 5

Summary samples HIST Y BA Y MG Y VI PA Total Samples

Add Fish/Pools - click button

Stock Details	Pool/Fish No	F1											
	Fish nos	1											
	Pool Group												
	Species	SAL											
	Average weight	2.3kg											
	Sex	N/A											
	Water Type	SW											
		Loch Duich (FS0248)											
	Stock Origin												
	Facility No	11											

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[illegible]

Method of killing: Percussive

Sheet Relevant: ☒[illegible]

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

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:

Hind gut was swollen

Case Number:	2025-0188	Site No:	FS0234	Main Insp:		
Date of Visit	21/05/2025	No of movements/supp./dest.			Score	
Live fish movements		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from British Islands (non-GB).	0	5	10	14	0
	Frequency of movements on from a third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
Exposure via water	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		2
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				
	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				0
	Common processes with other farms	3				
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
Biosecurity	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		0
	Sites sharing staff and equipment	0	1	2		0
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
Total Rank					16	MEDIUM

Case No: 2025-0188

Site No: FS0234

Sea Lice Inspection (Seawater Sites Only)

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

Containment Inspection

1. Has the site experienced equipment damage due to predators in the current or previous production cycles?
 2. Are measures in place to mitigate against the predation experienced on site? (Detail below)
- | | | | | | |
|----------------|----------|-------------|--|--|--|
| Tensioned Nets | Top Nets | Seal Blinds | | | |
|----------------|----------|-------------|--|--|--|
- If other, detail below:
- Seal pro nets, uplift systems, wildlife diary,
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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Site No: FS0234

Date of Visit: 21/05/2025

Main Insp:

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?

Fallowing

21. Does the FMAg/S identify the dates by which the area or individual farm will be fallow and the earliest date when a farm or area may be restocked?

22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covered by the agreement or statement?

23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?

Point of Compliance for Farm Management Agreements Only

24. Does the farm management agreement include arrangements for persons to become, or cease to be, parties to the agreement?

Management and operation

25. Is the fish farm being managed and operated in accordance with the agreement or statement?

26. What is the version no/date of issue of the FMAg/S?

Main Insp: [REDACTED]

[illegible]



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO	FB0119	DATE OF VISIT	21/05/2025
SITE NO	FS0234	SITE NAME	Torridon
CASE NO	20250188	INSPECTOR	

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

All epidemiological units were inspected. On this occasion no samples were taken for disease analysis. 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 inadequately maintained.

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

- Waste transfer documentation for mortalities disposed of using the Hardafor 3 did not detail the final destination, emails were inspected that did have this information. Should the Hardafor 3 be used for disposal of mortalities again, the final destination should be included on the transfer note. No further action is 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.

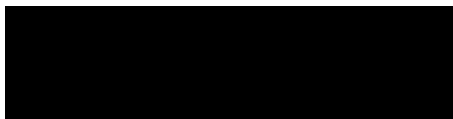
Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice), section 4A regarding fish farm management agreements and statements and section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory with regards to parasites, fish farm management agreements and statements, containment and escapes.

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

Signed:



Fish Health Inspector

Date: 13/06/2025

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



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0119
SITE NO FS0234
CASE NO 20250188

DATE OF VISIT 21/05/2025
SITE NAME Torridon
INSPECTOR [REDACTED]

Section 1: Summary

During a routine site inspection one lethargic fish was observed displaying spiralling behaviour, it was removed from the pens for further examination and subsequent diagnostic sampling.

Histopathology examination revealed features consistent with mild, multifocal, hyperplasic branchitis. Some features could be related to environmental factors.

Two *Vibrio* spp. were identified; however, the level and purity of growth would suggest these bacteria are likely to be of environmental origin and not present as primary pathogens.

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

At the time of the inspection, weekly mortalities were recorded as 961 (0.14%) which was attributed to HSML. On inspection of the stock, fish were observed to be in good health and feeding well.

One fish was observed to be dark in colour, lethargic and spiralling so was removed for diagnostic sampling, in addition, the gills were slightly necrotic in appearance.

Internally, the spleen was enlarged with no food present in the gut, yellow pseudo faeces were also observed.

Samples

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

Fish number	Facility number	Species	Stage	Origin
F1	11	Atlantic salmon	2.3kg 2024 Q4	Loch Duich (FS0248)

Results

Bacteriology: Kidney and gill material from F1 was inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated:

- *Vibrio* spp. (gill)

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

The samples tested negative for infectious haematopoietic necrosis virus (IHNV), infectious pancreatic necrosis virus (IPNV), infectious salmon anaemia virus (ISAV), salmonid alphavirus (SAV) and viral haemorrhagic septicemia virus (VHSV), salmon gill poxvirus (SGPV) and piscine myocarditis virus (PMCV).

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

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

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

Histopathological examination revealed the following:

Gill: Hyperplastic branchitis, mild, multifocal with foci haemorrhage. One plankton structure observed among gill filaments. Aneurysmal dilation/telangiectasia.

Skin & Muscle: Within the normal range.

Heart: Minor myocarditis. Epicarditis, mild, multifocal.

Gut and pyloric caeca: Granulomatous reaction, focal, observed on the adipose tissue ((likely associated with vaccine administration)).

Pancreas: Within the normal range.

Liver Within the normal range.

Kidney: Within the normal range.

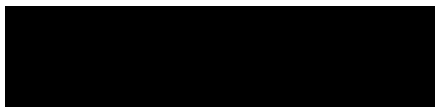
Spleen: Slightly congested.

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

R09



Signed:



Fish Health Inspector

Date: 13/06/2025

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](https://www.gov.scot/policies/fish-health-inspectorate/)
(www.gov.scot)

