

Case No:	2024-0440	Date of visit:	19/11/2024			
Time spent on site:	4 hours	Main Inspector:				
Site No:	FS1176	Site Name:	Eilean Grianain			
Business No:	FB0119	Business Name:	Mowi Scotland Ltd			
Case Types:	1 REP	2 REG	3	4	5	6
Water Temp (°C):	10.8	Thermometer No:	T310	FHI 045 completed	N/A	
Observations:	Region:	ST	Water type:	S	CoGP MA	M-47
Dead/weak/abnormally behaving fish present?	<input type="checkbox"/>	If yes, see additional information/clinical score sheet.				
Clinical signs of disease observed?	<input type="checkbox"/>	If yes, see additional information/clinical score sheet.				
Gross pathology observed?	<input type="checkbox"/>	If yes, see additional information/clinical score sheet.				
Diagnostic samples taken?	<input type="checkbox"/>					

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

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**Additional Case Information:**

Inspection lead by [REDACTED], observed by [REDACTED].

Business internally refers to the site as Carradale North and South but site inspected and records checked as one site.

Inspection scheduled due to the business reporting high mortality events attributed to treatment loss and gill infections. Seven pens were treated with freshwater and FLS in week 45 with another 5 pens treated in early October. Treatment of seven other pens is scheduled for the coming weeks. Attempts to remove cleaner fish before treatments are made by creeling and catching with hand nets. Passive grade harvesting has been ongoing at the site since 23/09/2024.

Internal health report from 05/11/24 available indicating AGD and PGD present onsite. Health team scheduled to visit on 22/11/2024.

Pens experiencing highest mortality were identified for inspection. Two moribund fish were observed across the inspected pens and attempts to remove them for sampling failed due to their swim response. General population were observed to be shoaling well with limited sea lice observed.

Recent Lumpfish Mortality: wk46, 39, 0.02%; Wk45, 0, 0%; Wk44, 0, 0%; Wk43, 512, 0.33%

Recent Wrasse Mortality: wk46, 165, 0.31%; Wk45, 0, 0%; Wk44, 0, 0%; Wk43, 620, 1.14%

Wrasse mortality historical - 2024 Wk 27, 2870, 4.20%; Wk28, 4073, 6.22%; Wk29, 1487, 2.42% (handling related)

Lumpfish mortality historical - 2023: Wk 51, 15784, 6.57% (Storm damage); Wk52, 15460, 6.89% (Pseudomonas). 2024 Wk1, 7955, 3.81% (Pseudomonas). 2022, Wk29, 8751, 5.46% (wounds & fin damage and handling); Wk30, 9846, 6.86% (wounds or fin damage)

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Date of Visit: 19/11/2024

Inspector(s):

**Registration/Authorisation Details**

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

Y
N

**Site Details (include cleaner fish for all sections)**

Total No facilities	20	Facilities stocked	20	No facilities inspected	5
Species	SAL	WRS	LUM		
Age group	2023 Q4	Mixed	Mixed		
No Fish	736,222	53,643	156,609		
Mean Fish Wt	4.4 kg	Mixed	Mixed		
Next Fallow Date (Site)	April/May 2025		Next Input Date (Site)	October 2025	
Recent (last 4 wks) disease problems?			Y	Any escapes (since last visit)?	N
If yes, detail:	AGD and PGD				

**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
18/05/2022
N
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?

N

**Mortality Records**

1. Mortality records available for inspection?
2. How are mortalities disposed of?

Ensiled - on site

If other detail: Hordafor (owned by Pelagia) collect ensiled material and transfer to Shetland for disposal. Whole fish to Barkip via Billy Bowie during periods of increased mortality.

3. Mortality records complete and correctly entered?

Y

4. Recent mortality (last 4 wks):

2024: Wk 46, 1.22%, 10132; Wk45, 3.18%, 27226; Wk44, 2.38%, 25932; Wk43, 1.67%, 15981

5. Evidence of recent increased/atypical mortalities?

Y

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

Wk43, pen 16, 6.73%, 3697; pen 4, 7.41%, 3231. Wk44, pen 15, 7.32%, 4509; pen16, 11.63%, 5958; pen18, 9.78%, 5779. Wk45, pen 15, 7.43%, 2858; pen17, 11.78%, 5363; pen19, 9.60%, 4419. all attributed to gill issues.

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.

Y

**Treatments and Medicines Records**

1. Recent treatments (see comment)?

Y

If yes, detail:

T.M.S

If other, detail:

2. Medicines records available for inspection?

Y

3. Are records complete and correctly entered?

Y

4. Are fish in a withdrawal period?

Y

5. If yes, what treatment(s)?

T.M.S

If other, detail:

6. Are medicines stored appropriately?

Y

**Biosecurity Records**

1. Biosecurity records available for inspection?

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

3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any *increased (unexplained)* mortality at the site been included?4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and *how* and *when* that will be notified to Scottish Ministers?

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

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

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

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

If no, detail:

**Results of Surveillance**

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

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:

18/05/2022-19/11/2024

Case Number:	2024-0440	Site No:	FS1176	Insp:		
Date of Visit	19/11/2024	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	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		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				
	Collection point for waste from other farms	5				5
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
Biosecurity	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		1
	Sites sharing staff and equipment	0	1	2		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					20	MEDIUM

Inspector: [REDACTED]

[illegible]



# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0119	<b>DATE OF VISIT</b>	19/11/2024
<b>SITE No</b>	FS1176	<b>SITE NAME</b>	Eilean Grianain
<b>CASE No</b>	20240440	<b>INSPECTOR</b>	

### Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected following reports of increased mortality by the farm operator.

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

- FS number of source site not recorded for some movements on. Record updated while onsite and a reminder given to detail the FS number for all movements, no further action required.

R10

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



Signed:

Date: 04/12/2024

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/resources/documents/2024/04/Fish-Health-Inspectorate-Service-Charter.pdf)