

Case No: 2021-0317 Date of visit: 08/09/2021

Time spent on site: 3hrs Main Inspector:

Site No: FS0434 Site Name: Loch Ness
Business No: FB0119 Business Name: Mowi Scotland Ltd

Case Types: 1 VMD 2 3 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 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 received three inputs of fish from Lochailort Recirculation Hatchery (FS1269), Inverpolly (FS0264) and Pettigo (ROI) in July 21. Surveillance frequency has been updated to reflect imports from outwith GB. All stocks are reported to be doing very well, with very low mortality across the site since input.

Majority of mortalities following transfer from FW in 2020 were attributed to fungal infection, however mortalities across the site remained below the reporting threshold.

Formalin bath treatments were conducted during August 21 for Costia.

Cress was administered following transfer to the site to treat Saprolegniasis, and again in August 21 for fungus.

Fish were vaccinated against ERM/RTFS prior to transfer and are currently being vaccinated on site with Alphaject m6 and PD1. Vaccinations are expected to be completed by 9th September.

Fish will be transferred to Eilean Grainan, Loch Torridon and Loch Boisdale for ongrowing towards the end of the year.

Fish were difficult to observe during the inspection due to the dark peaty colour of the water, combined with the fish sitting deeper in the nets. Two cages had been towed to the shore to allow fish to be pumped up for vaccinations. The fish in these cages had been crowded and so were easier to observe.

Fish that were observed appeared to be in good health. No moribunds or mortalities were observed in any of the cages across the site.

Fish sampled for VMD also appeared healthy.

Paperwork completed remotely by [REDACTED] on 01/09/2021. Site inspection was conducted by [REDACTED] and accompanied by [REDACTED] for UKAS Audit.

Case No: **2021-0317** Site No: **FS0434**  
 Date of Visit: **08/09/2021** 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	<b>18</b>	Facilities stocked	<b>15</b>	No facilities inspected	<b>18</b>
Species	<b>SAL</b>				
Age group	<b>2021 Q4</b>				
No Fish	<b>1,458,441</b>				
Mean Fish Wt	<b>55g</b>				
Next Fallow Date (Site)	<b>Nov 21</b>	Next Input Date (Site)	<b>Aug 22</b>		
Recent (last 4 wks) disease problems?		Any escapes (since last visit)?	<b>N</b>		<b>N</b>
If yes, detail:	<b>[REDACTED]</b>				

**Movement Records**

- 1. Movement records available for inspection? **Y**
- 2. Date of last inspection: **10/09/2020**
- 3. Are records complete and correctly entered? **Y**
- 4. Are movement records available for dead fish and waste? **N/A**
- 5. Are records complete and correctly entered? **N/A**
- 6. Are health certificates for introductions (outwith GB) available? **Y**

**Transport Records**

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

**Mortality Records**

- 1. Mortality records available for inspection? **Y**
- 2. How are mortalities disposed of? **Incinerated - on site**
- If other detail: **[REDACTED]**
- 3. Mortality records complete and correctly entered? **Y**
- 4. Recent mortality (last 4 wks): **Wk34: 703 (0.05%), Wk33: 24 (<0.01%), Wk32: 28 (<0.01%) Wk31: 45**
- 5. Evidence of recent increased/atypical mortalities? **Y**
- If yes, facility nos/no mortality per facility/no stock per facility/reason: **Wk34 had increased mortality as a result of handling for vaccinations.**
- 6. Any other peaks in mortality during period checked? **N**
- If yes, detail: **[REDACTED]**
- 7. Have increased (unexplained) mortalities been reported to vet or FHI? **N/A**
- If yes, detail action: **[REDACTED]**
- 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: Formalin,  
T.M.S.

If other, detail: Cress

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: Cress

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: 10/09/2020 - 29/08/2021

Case Number:	2021-0317	Site No:	FS0434	Insp:		
Date of Visit	08/09/2021	No of movements/supp./dest.			Score	
<b>Live fish movements</b>		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	5
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	5
Movements off	Frequency of movements off	0	3	6	10	6
	Number of destinations	0	3	6	10	3
<b>Exposure via water</b>	<b>Site contacts</b>	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		
<b>Management practices</b>		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				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				
<b>Biosecurity</b>	<b>Number of sites</b>	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				
<b>CoGP/Regulator</b>						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
<b>Total Rank</b>					<b>20</b>	

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	1-20	21-40	41-60	61-75								
Pool Group												
Species	SAL	SAL	SAL	SAL								
Average weight	55g	55g	55g	55g								
Sex	N/A	N/A	N/A	N/A								
Water Type	FW	FW	FW	FW								
Stock Details		Inverpolly FS0264	Inverpolly FS0264 Lochallort Recirculation Hatchery FS1269	Pettigo (Rol)								
	Stock Origin											
Facility No	8	9	11	16								



Site No: FS0434
Case No: 2021-0317
Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology







# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0119	<b>DATE OF VISIT</b>	08/09/2021
<b>SITE No</b>	FS0434	<b>SITE NAME</b>	Loch Ness
<b>CASE No</b>	20210317	<b>INSPECTOR</b>	

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

The above site was visited in accordance with the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 2015. Samples were taken to be analysed for veterinary residues.

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 information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

Medicine records were inspected and found to be adequately maintained.

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.

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

Signed:



Date: 15/09/2021

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at <https://www.gov.scot/publications/fish-health-inspectorate-service-charter/>

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