

Case No: 2022-0595 Date of visit: 14/12/2022

Time spent on site: 2.5 hours Main Inspector:

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

Case Types: 1 OTH 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/A If yes, see additional information/clinical score sheet.
Clinical signs of disease observed? N/A 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/A

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

Additional Case Information:

Site inspection undertaken in relation to case# 2022-0474, which was conducted in response to suspected farmed fish being caught in Loch Ness.

The site was visited in order to witness a fish transfer from cages to lorries for further transport.

In order to move the cage the feed pipe is first disconnected. The mort sock was lifted and cleared of any mortalities using a winch attached to a work boat. The sock was then inverted and tied to a rope spanning the centre of the cage to lift it clear of the bottom. The nets were then raised, by hand. There are loops going around the net, at 2.5m intervals horizontally and 1m vertically. In total, there are 7 loops vertically, followed by lead to weigh the net down. The net is raised by 6 m (6 loops) which are then hung in place with metal hooks. As this is happening, staff check the integrity of the net. There is then 1m of net left below the waterline. The only part of the net which would hang below this is the mort sock, which has been raised, inverted, and fixed in place to prevent it snagging.

The pen itself is fixed to the walkway with 2 ropes and a pin. There are fasteners on each side of the pin to prevent it falling out and it is also secured by rope.

Before these are untied and removed the cage is secured to the boat at two points, using ropes (one either side) and tightened so the bow is pushed tight against the pen.

The boat is backed away from the walkway, for around ten meters. There are no obstacles on the walkway, or in its vicinity which could hinder, or snag on the pen or its net.

There is a loose, set path which is followed towards the jetty and the pen is pushed at a slow walking pace (1400 revs). The second boat accompanies the boat manoeuvring the cage and there are members of staff on the pen itself and on the second boat watching. The speed is determined by the behaviour of the pen as well as that of the fish. If the fish begin to be pushed against the net, then the boat will be slowed.

It is very infrequent that there are any snags which catch on the net, however, as there is very little power being used to move the pen, then if there are any snags it is noticed as the boat will stop.

The depth of the loch is consistent along the path shown (15-20m) as the pen gets closer to the main jetty, it shallows to around 4m at its lowest.

The pen is then secured to the main jetty by ropes and the nets on side of the cage which faces away from the shore is lowered to 4m to give the fish more space over night before they are transferred to the lorry.

Observation of the fish being pumped into lorries could not be completed, due to severe bad weather, which prevented the lorry from collecting the fish. A subsequent inspection was carried out and the observations for the entire procedure were conducted during case 20220600.

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Inspector(s): [Redacted]

Registration/Authorisation Details

- 1. Business/site details summary checked by site representative? [Redacted]
- 2. Changes made to details? [Redacted]

Site Details (include cleaner fish for all sections)

Total No facilities	Facilities stocked	No facilities inspected
[Redacted]	[Redacted]	[Redacted]
Species	[Redacted]	[Redacted]
Age group	[Redacted]	[Redacted]
No Fish	[Redacted]	[Redacted]
Mean Fish Wt	[Redacted]	[Redacted]
Next Fallow Date (Site)	[Redacted]	Next Input Date (Site)
Recent (last 4 wks) disease problems?		Any escapes (since last visit)?
If yes, detail:		[Redacted]

Movement Records

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

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? [Redacted]
- 2. How are mortalities disposed of? [Redacted]
- If other detail: [Redacted]
- 3. Mortality records complete and correctly entered? [Redacted]
- 4. Recent mortality (last 4 wks): [Redacted]
- 5. Evidence of recent increased/atypical mortalities? [Redacted]
- If yes, facility nos/no mortality per facility/no stock per facility/reason: [Redacted]
- 6. Any other peaks in mortality during period checked? [Redacted]
- If yes, detail: [Redacted]
- 7. Have increased (unexplained) mortalities been reported to vet or FHI? [Redacted]
- If yes, detail action: [Redacted]
- 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet. [Redacted]

Treatments and Medicines Records

1. Recent treatments (see comment)?

If yes, detail:

If other, detail:

2. Medicines records available for inspection?

3. Are records complete and correctly entered?

4. Are fish in a withdrawal period?

5. If yes, what treatment(s)?

If other, detail:

6. Are medicines stored appropriately?

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:

N/A





