

Case No: 2020-0353 Date of visit: 25/08/2020

Time spent on site: N/A Main Inspector: [Redacted]

Site No: FS0742 Site Name: Glenfinnan  
Business No: FB0119 Business Name: Mowi Scotland Ltd

Case Types: 1 PSI 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? [ ] If yes, see additional information/clinical score sheet.  
Clinical signs of disease observed? [ ] If yes, see additional information/clinical score sheet.  
Gross pathology observed? [ ] If yes, see additional information/clinical score sheet.  
Diagnostic samples taken? [ ]

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

**Additional Case Information:**

PSI carried out following report of increased mortality by business - w/b 10/08/20: 61,188 (8.07%)

Recent transfer of fish onto site from Inchmore (FS0226). 200,000 on 13/08/20 and 105,000 on 14/08/2020.

On days of transfer site temperature recorded as 17.2 °C and 17.4 °C respectively. Dissolved oxygen levels on site were normal.

On the 14th, fish transferred on 13th appeared lethargic and mortality began to increase. Water samples showed no significant plankton levels. Examination of the fish, showed some minor gill pathology. A significant amount of vaccine was observed in the gut and increased levels of adhesion were also observed. No plankton was observed in the gut. No other pathology was observed.

Fish had recently been vaccinated at Inchmore with PD7 and a *Pasteurella skyensis* vaccine.

Subsequent water samples on 17th and 21st showed increasing levels of plankton with *Asterionella* sp and *Cyanobacteria* identified - 25/ml and 70/ml respectively, however by this time mortality had reduced significantly.

Mortality affected only the newly introduced stock, with a loss of approximately 20%. The mortality is attributed to a stress event, potentially influenced by the transfer of the stock, high temperatures and increasing plankton at the site.

The following week (w/b 17/08/20) mortality fell to 672 across site. The two weeks before the mortality event, mortality was 11 and 35 across the site respectively.

Case No:  Site No:

Date of case:  Inspector(s):

**Registration/Authorisation Details**

Business/site contacts correct? (if no update site summary sheet)

**Site Details**

Total No facilities	<input type="text" value="32"/>	No facilities stocked	<input type="text" value="12"/>
Species	<input type="text" value="SAL"/>		
Age group	<input type="text" value="Parr"/>		
No Fish	<input type="text" value="640,627"/>		
Mean Fish Wt	<input type="text" value="56 g"/>		
Next Fallow Date (Site)	<input type="text" value="October 2020"/>	Next Input Date (Site)	<input type="text" value="November 2020"/>

Date of last inspection: (ECI or PSI)

**Mortality Information**

1. Any recent increased or atypical mortalities? (last 4 weeks.)

If yes, detail:

2. Any increased mortalities? (since last inspection.)

If yes, detail:

3. How are mortalities disposed of?

If other detail:

**Treatments and Medicines**

1. Any treatments? (since last inspection)

If yes, detail:

Other:

**Health status and Results of Surveillance**

1. Any disease on site? (since last inspection)

If yes, detail:

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

3. Any significant results?

If yes, detail:

**Sea lice**

1. Has the site experienced sea lice problems in the previous 4 years?

If yes, detail:

2. Have lice levels stayed below the suggested criteria for treatment in the CoGP since the last inspection?

If no, detail:

3. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) since the last inspection?

4. If yes to 3, have these been reported to the Fish Health Inspectorate? If no, see comment.

5. Does the site have treatment discharge consents relevant to sea lice?

If yes, detail:

6. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?

If no, detail:

7. Is there a signed documented farm management agreement or statement relevant to the site and CoGP

Farm Management Area (or equivalent)?

8. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?

**Escapes/Containment**

1. Any reported escapes? (check prior to phone call)

	N
	N

2. Any escapes? (since last inspection)

If yes, detail:  
(include date)

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**Biosecurity Records**

1. Any significant changes to your biosecurity procedures since previous visit?

	N
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If yes, detail:

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Case Number:	2020-0353	Site No:	FS0742	Insp:		
Date of Visit	25/08/2020	No of movements/supp./dest.			Score	
<b>Live fish movements</b>		<b>0</b>	<b>1-5</b>	<b>6-10</b>	<b>&gt;10</b>	
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	
	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	6
<b>Exposure via water</b>	<b>Site contacts</b>	<b>0</b>	<b>1-5</b>	<b>6-10</b>		
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>		<b>None</b>	<b>Secure</b>	<b>Unsecure</b>		
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>	<b>1</b>	<b>2 or 3</b>	<b>≥ 4</b>		
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>17</b>	<b>MEDIUM</b>

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Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp

Report Summary	Date	Insp	2 <sup>nd</sup> Insp
Case Type			
PSI	25/08/2020		

[REDACTED]  
Mowi Scotland Ltd  
Stob Ban House  
Glen Nevis Business Park  
Fort William  
PH33 6RX  
[REDACTED]

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0119	<b>DATE OF CASE</b>	25/08/2020
<b>SITE No</b>	FS0742	<b>SITE NAME</b>	Glenfinnan
<b>INSPECTOR</b>	[REDACTED]	<b>CASE No</b>	20200353

#### Passive Surveillance Inspection

A notification of mortality levels above the reporting criteria was received by the Fish Health Inspectorate on 21/08/2020 for the period of 10/08/2020 to 16/08/2020.

A passive surveillance inspection was conducted by telephone to gather information in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC. Information was also gathered in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice).

Mortality of 61,188 was reported by the business for the w/b 10/08/2020. Attributed to a stress event following transfer of fish on site. The following weeks mortality fell to 672.

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

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.

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

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: 25/08/2020

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/>