

Case No: 2019-0376 Date of visit: 01/08/2019

Time spent on site: 9 hours Main Inspector:

Site No: FS0805 Site Name: Bagh Dail Nan Cean  
Business No: FB0119 Business Name: Mowi Scotland Ltd

Case Types: 1 WEL 2 3 4 5 6

Water Temp (°C): 13.6 Thermometer No: T275 FHI 045 completed

Observations: Region: ST Water type: S CoGP MA M-40

Dead/weak/abnormally behaving fish present? Y If yes, see additional information/clinical score sheet.  
Clinical signs of disease observed? Y 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:**

Accompanying APHA inspectors to inspect the site following reports of a welfare concern in cleaner fish stock.

Waste ensiled at Kames and transported by Ferguson/Billy Bowie to Energen.

Lump fish in all cages, wrasse in 7 cages. Cleaner fish will be recycled for a maximum of 2 cycles, if in good condition and go through a quarantine procedure. 8 week fallow period. So far, no lumpfish have been recycled.

Lumpfish from Anglesay.

Lumpfish monthly mortality = Dec 18) - 816 01) - 2,207 - 02) - 3653 03) - 1195 04) - 3007 05) - 5055 06) - 9009 07) - 26860 08) - 2781

WRA - Dec 1015 1) 781 2) 597 3)518 4)723 5)510 6)599 7)907 8) 81 Total - 41473 since January

Florfenicol treatment for lumpfish in February 2019. Mortality came down in March, but began rising again in April.

127,878 total lumpfish over cycle ~22,000 remain on site with the majority dying from unknown causes.

The company SOP says Cleaner fish mortality should be reported to cleaner fish vet when back ground mortality levels reach 0.3% background mortality per day, however it appear that few checks were carried out between May and August, even with mortality rising.

Health reports -

13/06/2019 - Health report suggests Crator disease may be a cause of mortality in lumpfish stock. Systemic bacterial infection

24/06 - There was a health inspection of the cleaner fish. There were signs of bacterial infection on the lumpfish with white nodules being present on the tips of spines. There was also a passive grade of the fish as well a thermolicer treatment.

31/07 - July 31st – Lumpfish have a known bacterial infection and no treatment plan is in place, as salmon are on harvest plans and starve days for treatment. However staff are removing infected lumpfish.

Situation at the site was not reflective of the mortality records. Very few fish were seen in general, possibly due to low number of fish left and of those fish ~3 displayed signs of disease. Samples were unable to be collected as there were very few moribund fish seen and all fish quickly scattered when approached with the net.

Treatments - Peroxide treatment WB 1st of July. Thermolicer treating from the 20th - 26th of June. Alphamax treatment on the 24th of July on pens 9 and 11. Slice treatment 1st June.

Case No: **2019-0376** Site No: **FS0805**  
 Date of Visit: **01/08/2019** Inspector(s): **[REDACTED]**

**Registration/Authorisation Details**

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

**Site Details**

Total No facilities	<b>12</b>	Facilities stocked	<b>12</b>	No facilities inspected	<b>12</b>
Species	<b>SAL</b>	<b>WRA</b>	<b>LUM</b>		
Age group	<b>18 S0</b>	<b>MIX</b>	<b>Mix</b>		
No Fish	<b>850,000</b>	<b>28,000</b>	<b>22,000</b>		
Mean Fish Wt	<b>3.2 Kg</b>	<b>Mix</b>	<b>Mix</b>		
Next Fallow Date (Site)	<b>April 2020</b>		Next Input Date (Site)	<b>September 2020</b>	

Recent (last 4 wks) disease problems? **Y** Any escapes (since last visit)? **N**  
 If yes, detail: **Disease issues with cleaner fish**

**Movement Records**

1. Movement records available for inspection? **Y**  
 2. Date of last inspection: **26/06/2019**  
 3. Are records complete and correctly entered? **Y**  
 4. Are movement records available for dead fish and waste? **Y**  
 5. Are records complete and correctly entered? **Y**  
 6. Are health certificates for introductions (outwith GB) available? **N/A**

**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? **Biogas - Energen, Cumbernauld**  
 If other detail: **[REDACTED]**  
 3. Mortality records complete and correctly entered? **Y**  
 4. Recent mortality (last 4 wks): **WK 27 0.14% (1143) WK28 - 0.09% (790) WK29 - 0.08% (681) WK30 - 0.08% (683)**  
 5. Evidence of recent increased/atypical mortalities? **Y**  
 If yes, facility nos/no mortality per facility/no stock per facility/reason: **[REDACTED]**

**Cleaner fish mortality - see additional comments**

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, add MRT case and enter on mortality events sheet. **N/A**

1. Recent treatments (last 4 wks)?	<input type="checkbox"/>	Y
If yes, detail:	T.M.S.	
If other, detail:		
2. Medicines records available for inspection?	<input type="checkbox"/>	Y
3. Are records complete and correctly entered?	<input type="checkbox"/>	Y
4. Are fish in a withdrawal period?	<input type="checkbox"/>	Y
5. If yes, what treatment(s)?	T.M.S.	
If other, detail:		
6. Are medicines stored appropriately?	<input type="checkbox"/>	Y

**Biosecurity Records**

1. Biosecurity records available for inspection?	<input type="checkbox"/>
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	<input type="checkbox"/>
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> mortality at the site been included?	<input type="checkbox"/>
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 <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	<input type="checkbox"/>
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	<input type="checkbox"/>
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.)?	<input type="checkbox"/>
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	<input type="checkbox"/>
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>
If no, detail:	

**Results of Surveillance**

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	<input type="checkbox"/>	Y
2. If yes, are results available for inspection?	<input type="checkbox"/>	Y
3. Any significant results?	<input type="checkbox"/>	Y
If yes, detail (if not detailed under recent disease problems).	See additional comments	

Records checked between: 26/06/2019 - 02/08/2019



██████████  
Mowi Scotland Ltd  
Stob Ban House  
Glen Nevis Business Park  
Fort William  
PH33 6RX  
██████████

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0119	<b>DATE OF VISIT</b>	02/08/2019
<b>SITE No</b>	FS0805	<b>SITE NAME</b>	Bagh Dail Nan Cean
<b>INSPECTOR</b>	██████████	<b>CASE No</b>	20190376

The fish health inspectorate accompanied an inspector from the Animal and Plant Health Agency during a visit to the above site.

#### Records

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:   
Fish Health Inspector

Date: 07/11/2019

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)

Case No:  Date of visit:

Time spent on site:  Main Inspector:

Site No:  Site Name:   
 Business No:  Business Name:

Case Types: 1  2  3  4  5  6

Water Temp (°C):  Thermometer No:  FHI 045 completed

Observations: Region: HI Water type: S 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:

**Additional Case Information:**

Recently bought over by current owners after being unused for some time. First inspection since 2014 and since having been taken over.

There's been no observed mortality onsite so far. There is currently a large shed being constructed and when mortalities are discovered, the shell will be used buried and used as construction material in the short term.

New site which is still currently under development. The site had its first shipment in May 2019. The site is currently being built up, with plans to hold stock in two locations as well as build a large work shed, with potential for depuration facilities.

No issues on the site, a few empty trestles to be used as oysters grow. Overall site very clean and tidy.



Case No:  Site No:   
 Date of Visit:  Inspector(s):

**Registration/Authorisation Details**

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

**Site Details**

Total No facilities	<input type="text" value="87"/>	Facilities stocked	<input type="text" value="55"/>	No facilities inspected	<input type="text" value="87"/>
Species	<input type="text" value="CGI"/>				
Age group	<input type="text" value="2018"/>				
No Fish	<input type="text" value="300,000"/>				
Mean Fish Wt	<input type="text" value="20-25m"/>				
Next Fallow Date (Site)	<input type="text" value="No plans"/>		Next Input Date (Site)	<input type="text" value="Sept/Oct 2019"/>	

Recent (last 4 wks) disease problems?  Any escapes (since last visit)?   
 If yes, detail:

**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?

**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?

**Mortality Records**

1. Mortality records 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:   
 6. Any other peaks in mortality during period checked?   
 If yes, detail:   
 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, add MRT case and enter on mortality events sheet.

1. Recent treatments (last 4 wks)?	
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?		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 <i>increased (unexplained)</i> 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 <i>how</i> and <i>when</i> 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?		N
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:

First inspection





██████████  
Sound of Luing Bivalve Seafarm Ltd  
Achahoish Farmhouse  
Achahoish Ormsary Road  
Lochgilphead Argyll  
PA31 8PD  
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## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	SB0550	<b>DATE OF VISIT</b>	02/09/2019
<b>SITE No</b>	SS0884	<b>SITE NAME</b>	Eilean an Atha
<b>INSPECTOR</b>	██████████	<b>CASE No</b>	20190482

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

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

All epidemiological units were inspected. 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 low. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every fourth 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 adequately maintained.

No mortality had been observed on site since the last inspection by Marine Scotland.

No animal health surveillance had been carried out on behalf of the business and/or Marine Scotland since the last Marine Scotland inspection.

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

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: 25/09/2019

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)