

Case No: 2020-0392 Date of visit: 17/09/2020

Time spent on site: 3.5 hours Main Inspector: [Redacted]

Site No: FS0468 Site Name: Loch Tralaig

Business No: FB0134 Business Name: Kames Fish Farming Ltd

Case Types: 1 WEL 2 [ ] 3 [ ] 4 [ ] 5 [ ] 6 [ ]

Water Temp (°C): 13.6 Thermometer No: Site FHI 045 completed [ ]

Observations: Region: ST Water type: F CoGP MA:

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? [Y] 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:
[Redacted]

**Additional Case Information:**

Accompanied APHA vet for site inspection following welfare complaint in relation to mortalities and moribund fish observed on site.

Site inspection conducted on 17/09/2020 with verbal information provided on mortalities and treatments. Record checks carried out remotely on 22/09/2020. Movement records not checked.

Site manager reported that following vaccination (w/c 10/08) the water temperature on site was approximately 19-20C and therefore did not carry out a formalin treatment immediately. He had thought the water temperature was high enough to avoid issues with fungus. However, fungus did become established resulting in increased mortality - although below the reporting criteria.

First signs of fungus were observed on 19 August and formalin treatments were started on 21 August. Morts started to drop down again around 10/09. The site licence conditions allow for the treatment of 2 cages per day, so treatments take place over 2 days for the whole site.

In future the site manager plans to treat immediately following vaccination to avoid fungus becoming established in the stock.

Mortalities are removed from site in bins and transferred to the shore base at Kilmelford for ensiling. Morts are normally immediately transferred to the ensiling system but there was a breakdown in the system recently resulting in bins being stored until it was fixed. Waste transfer record for last batch of ensiled waste checked - removed by Ferguson's Transport to Energen biogas on 6 August 2020.

Mortality over last 5 weeks - (week ending) - 22/08 - 1.35%, 29/08 - 1.44%, 05/09 - 1.48%, 12/09 - 1/19%, 19/09 - 0.28%.

Total mortality of 8829 attributed to fungus. Cages 2 and 3 were more affected by fungus. Morts peaked at 300/day for cage 3 and 245/day for cage 2 on 30/31 August. Cages 4 and 5 peaked at 78 and 89 respectively - a week earlier than cages 2 & 3. Morts over last few days - 0-29/cage/day.

Formalin treatments were initially carried out every second day, with gradual increase in time between treatments as fungus levels reduced. Treating 2 cages on day of visit - this was 5 days after the previous treatment. One more treatment for each cage due before stock transferred to sea at end of September/beginning October.

Mortalities had been removed from 2 cages prior to inspection with 16 from one cage and 29 from the second cage. Very few dead fish seen - 2 or 3 per cage floating on surface. No moribund fish seen.

Treatment records were completed correctly for the majority of treatments but it was noted that anaesthetic use for vaccination had not been recorded this year. This had been recorded for previous years.

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 Date of Visit: **17/09/2020** Inspector(s): **[REDACTED]**

**Registration/Authorisation Details**

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

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

Total No facilities	<b>5</b>	Facilities stocked	<b>4</b>	No facilities inspected	<b>4</b>
Species	<b>SAL</b>				
Age group	<b>Parr</b>				
No Fish	<b>200,076</b>				
Mean Fish Wt	<b>91g</b>				
Next Fallow Date (Site)	<b>End September 2020</b>		Next Input Date (Site)	<b>Summer 2021</b>	
Recent (last 4 wks) disease problems?		<b>Y</b>	Any escapes (since last visit)?		<b>N</b>
If yes, detail:	<b>Saprolegnia</b>				

**Movement Records**

1. Movement records available for inspection? **N/A**  
 2. Date of last inspection: **26/02/2019**  
 3. Are records complete and correctly entered? **N/A**  
 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? **Other (detail)**  
 If other detail: **Ensiled at Kilmelford shore base.**  
 3. Mortality records complete and correctly entered? **Y**  
 4. Recent mortality (last 4 wks): **See additional information.**  
 5. Evidence of recent increased/atypical mortalities? **Y**  
 If yes, facility nos/no mortality per facility/no stock per facility/reason:  
**See additional information.**  
 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)?	<input type="checkbox"/>	Y
If yes, detail:	Formalin 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"/>	N
4. Are fish in a withdrawal period?	<input type="checkbox"/>	Y
5. If yes, what treatment(s)?	Formalin	
If other, detail:		
6. Are medicines stored appropriately?	<input type="checkbox"/>	N/A

**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) mortality</i> 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"/>
2. If yes, are results available for inspection?	<input type="checkbox"/>
3. Any significant results?	<input type="checkbox"/>
If yes, detail (if not detailed under recent disease problems).	

Records checked between:	13/07/2020 - 22/09/2020
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[REDACTED]  
Kames Fish Farming Ltd  
Kilmelford  
Oban  
Argyll  
PA34 4XA  
[REDACTED]

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0134	<b>DATE OF VISIT</b>	17/09/2020
<b>SITE No</b>	FS0468	<b>SITE NAME</b>	Loch Tralaig
<b>INSPECTOR</b>	[REDACTED]	<b>CASE No</b>	20200392

The above site was inspected in conjunction with a veterinary officer from the Animal and Plant Health Agency (APHA) following a report of a potential welfare issue by a member of the public.

The inspection was carried out 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 following records were inspected remotely following the visit to ensure that the conditions of authorisation for your Aquaculture Production Business (APB) are being met:

Mortality records were inspected and found to be adequately maintained.

No mortality levels exceeding the reporting criteria have been recorded since the last inspection.

Medicine records were inspected and found to be adequately maintained for the majority of treatments. However, it was noted that anaesthetic use for vaccination had not been recorded for 2020. To ensure compliance with the Veterinary Medicines Regulations 2013 please ensure that in future all relevant treatments are recorded in the medicine records.

Records or documentation demonstrating that this point has been addressed should be sent to the Fish Health Inspectorate (contact details below) within 30 days of the date this report was issued.

A separate report will be issued by the Animal and Plant Health Agency.

R10

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: 23/09/2020

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/>

[REDACTED]  
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## FISH HEALTH INSPECTORATE VISIT REPORT

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<b>INSPECTOR</b>	[REDACTED]	<b>CASE No</b>	20200392

#### Case completion report

Recommendations in relation to the above case were made for implementation by 24 October 2020. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

This case will now be closed. This site may be subject to further audit and recommendations in the future.

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

Signed: [REDACTED]

Fish Health Inspector

Date: 05/11/2020

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/>