

Case No:	2021-0466	Date of visit:	03/11/2021			
Time spent on site:	1h	Main Inspector:				
Site No:	FS0462	Site Name:	Kames Bay (east)			
Business No:	FB0134	Business Name:	Kames Fish Farming Ltd			
Case Types:	1 ECI	2 SLI	3	4	5	6
Water Temp (°C):	13.2	Thermometer No:	T205	FHI 045 completed		
Observations:	Region:	ST	Water type:	S	CoGP MA:	M-40
Dead/weak/abnormally behaving fish present?	<input type="checkbox"/> Y	If yes, see additional information/clinical score sheet.				
Clinical signs of disease observed?	<input type="checkbox"/> N	If yes, see additional information/clinical score sheet.				
Gross pathology observed?	<input type="checkbox"/> N	If yes, see additional information/clinical score sheet.				
Diagnostic samples taken?	<input type="checkbox"/> N					

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

Additional Case Information:

See case 2020-0240 for majority of paperwork for visit. Previous case carried out as REG, CNI and SLI as water temperature too high for ECI. Biosecurity records, FMA and surveillance frequency, harvest & lice strategy not checked again - site manager confirmed no changes.

Treated in August at Kames Bay West. Confirmed traceability of withdrawal period on stock.

Slight difference in reported sea lice numbers for weeks 29 - reported 0.17 - 0.35 on record. Wk 30 - reported 0.40, 0.43 on record. Confirmed figured previously submitted were incorrect, this has now been corrected.

Harvesting is carried out on one cage at a time to enable treatments to be carried out on other cages if necessary.

Paperwork completed remotely by [REDACTED] 29/10/21, Site visit by [REDACTED].

Low numbers of mortalities observed in a few pens. No moribund or lethargic fish observed. In some pens there appears to be some issues with the feed digestibility causing some red coloured oil from the feed to swim at the surface. Company is looking into it and hope to resolve this as soon as possible.

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Inspector(s):

Registration/Authorisation Details

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

Y
N

Site Details (include cleaner fish for all sections)

Total No facilities	6	Facilities stocked	4	No facilities inspected	6
Species	RTR	RTR			
Age group	2021	2020			
No Fish	60,000	200			
Mean Fish Wt	1.1kg	4.1kg			
Next Fallow Date (Site)	August 2022	Next Input Date (Site)	Oct 2022		
Recent (last 4 wks) disease problems?		N	Any escapes (since last visit)?		N
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?

Y
28/07/2021
Y
Y
Y
N/A

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?

Y
Y

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:

Ensiled - on site

0.87%, 0.2%, 0.49%, 0.66%

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, enter details on mortality events sheet.

Y

Y

N

N

N/A

N/A

Treatments and Medicines Records

1. Recent treatments (see comment)?

N

If yes, detail:

If other, detail:

2. Medicines records available for inspection?

N/A

3. Are records complete and correctly entered?

4. Are fish in a withdrawal period?

N/A

5. If yes, what treatment(s)?

If other, detail:

6. Are medicines stored appropriately?

N/A

Biosecurity Records

1. Biosecurity records available for inspection?

2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?

N/A

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?

N/A

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?

N/A

5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?

N/A

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.)?

N/A

7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?

N/A

8. Have the biosecurity procedures been adequately implemented on site?

N/A

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:

28/07/2021-29/10/2021

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Site No:

FS0462

Sea Lice Inspection (Seawater Sites Only)

1. Has the site experienced sea lice problems in the previous 4 years? Y
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis? N
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time? Y
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)? Y
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6) Y
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6) Y
7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6) N
8. 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) during the period that records are inspected? Y
- If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment. Y
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50) N
10. Have therapeutic treatments been administered or other actions taken when *L. salmonis* levels have exceeded the suggested criteria for treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) Y
11. Has any other action been taken (where applicable)? N/A
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? Y
13. Are treatments, where conducted, carried out in cooperation between participating farms? N
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice? Y
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation? Y
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons. Y

Containment Inspection

1. Has the site experienced equipment damage due to predators in the current or previous production cycles?
2. Are measures in place to mitigate against the predation experienced on site? (Detail below)
- If other, detail below:
3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? N
- If Yes proceed with questions 4 – 9. If No skip to question 10
4. Have these been reported to Scottish Ministers?
5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover escapees? If yes give detail
8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)
9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)
10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)

Inspector: [REDACTED]

[illegible]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0134	DATE OF VISIT	03/11/2021
SITE No	FS0462	SITE NAME	Kames Bay (east)
CASE No	20210466	INSPECTOR	[REDACTED]

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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 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.

Mortality records were inspected and found to be adequately maintained.

Records in relation to aquaculture animals transported by the business were inspected and found to be adequately maintained.

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

On this occasion, this site was satisfactory with regards to records of sea lice counts.

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: 20/12/2021

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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/>