

Case No: 2024-0058 Date of visit: 04/03/2024

Time spent on site: 1h Main Inspector: [Redacted]

Site No: FS1360 Site Name: Applecross Smolt Ongrowing 1

Business No: FB0169 Business Name: Bakka frost Scotland

Case Types: 1 REP 2 REG 3 WEL 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: [Redacted]

Additional Case Information:

Site visit conducted accompanied by APHA Vet following reports of significant mortalities.

Initial mortality event report was wk 3 50,620 (3.56%), wk 4 30,488 (2.22%), wk 5 147,668 (11.01%).

During stocking of the site there was an issue with the pipework, a burr on a reducer resulted in some physical damage this was replaced and transfers continued without further issue. Mortalities continued to increase post transfer, some fungus was reported but following disease screening furunculosis was identified as the underlying cause of the elevated mortalities. In week 5, on veterinary advice, the fish were transferred to sea (Aird) to reduce the infection pressure within the system. The site was fallowed on the 6/2/2024, A full clean and disinfect was to be completed.

Due to the issues that have occurred onsite, the surveillance frequency could not be assessed appropriately as the frequency of movements on and off site were not representative of normal site operations, the site will remain medium risk.

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Inspector(s):

Registration/Authorisation Details

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

Site Details (include cleaner fish for all sections)

| | | | | | |
|---------------------------------------|------------------|------------------------|---------------------------------|-------------------------|---|
| Total No facilities | 4 | Facilities stocked | 0 | No facilities inspected | 4 |
| Species | | | | | |
| Age group | | | | | |
| No Fish | | | | | |
| Mean Fish Wt | | | | | |
| Next Fallow Date (Site) | currently fallow | Next Input Date (Site) | potentially July 2024 | | |
| Recent (last 4 wks) disease problems? | | N/A | Any escapes (since last visit)? | | N |
| If yes, detail: | | | | | |

Movement Records

- 1. Movement records available for inspection? Y
- 2. Date of last inspection: First Inspection
- 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)? Y
- If yes, is there a system in place for maintenance of transportation records? Y

Mortality Records

- 1. Mortality records available for inspection? Y
- 2. How are mortalities disposed of? Whole fish - Dundas Chemicals
- If other detail:
- 3. Mortality records complete and correctly entered? Y
- 4. Recent mortality (last 4 wks): Fallow
- 5. Evidence of recent increased/atypical mortalities? N/A
- If yes, facility nos/no mortality per facility/no stock per facility/reason:
- 6. Any other peaks in mortality during period checked? Y
- If yes, detail: see additional information
- 7. Have increased (unexplained) mortalities been reported to vet or FHI? Y
- If yes, detail action: see additional information
- 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet. Y

Treatments and Medicines Records

| | | |
|--|--------------------------|-----|
| 1. Recent treatments (see comment)? | <input type="checkbox"/> | N |
| If yes, detail: <input type="text"/> | | |
| If other, detail: <input type="text"/> | | |
| 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"/> | N/A |
| 5. If yes, what treatment(s)? | <input type="text"/> | |
| If other, detail: <input type="text"/> | | |
| 6. Are medicines stored appropriately? | <input type="checkbox"/> | Y |

Biosecurity Records

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| 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: <input type="text"/> | |

Results of Surveillance

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|---|--------------------------|
| 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). <input type="text"/> | |

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| Records checked between: | <input type="text" value="27/11/2023 to 9/2/2024"/> |
|--------------------------|---|

Case No: 2024-0058

Site No: FS1360

Sea Lice Inspection (Seawater Sites Only)

- 1. Has the site experienced sea lice problems in the previous 4 years?
- 2. Is the CoGP Farm Management Area (or equivalent) followed synchronously on a single year class basis?
- 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?
- 4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
- 5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
- 6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
- 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)
- 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?
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
- 9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
- 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)
- 11. Has any other action been taken (where applicable)?
- 12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
- 13. Are treatments, where conducted, carried out in cooperation between participating farms?
- 14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
- 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?
- 16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

Containment Inspection

- 1. Has the site experienced equipment damage due to predators in the current or previous production cycles? N
- 2. Are measures in place to mitigate against the predation experienced on site? (Detail below) Y

Site indoors.

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)

Case No: **2024-0058** Date of visit: **04/03/2024**

Site No: **FS1360** Inspector: **[REDACTED]**

| Results Summary | Freq. | Date of Notification | | | | | | |
|-----------------|-------|----------------------|------|-------|------|---------|------|----------------------|
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| Report Summary | | | |
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| Case Type | Date | Insp | 2 nd Insp |
| REG,REP,WEL | 05/04/2024 | | |
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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

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|--------------------|----------|----------------------|------------------------------|
| BUSINESS No | FB0169 | DATE OF VISIT | 04/03/2024 |
| SITE No | FS1360 | SITE NAME | Applecross Smolt Ongrowing 1 |
| CASE No | 20240058 | INSPECTOR | [REDACTED] |

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected following reports of increased mortality by the farm operator. The inspection was conducted in conjunction with a veterinary officer from the Animal and Plant Health Agency (APHA). A separate report will be issued by the Animal and Plant Health Agency.

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.

On this occasion, the site was found to be fallow.

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.

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

Mortality records were inspected and found to be adequately maintained.

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

Reports detailing the results of animal health surveillance carried out by or on behalf of the business and/or Marine Directorate were available for inspection.

Inspection under the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 2015

Medicine records were inspected and found to be inadequately maintained.

The following point was raised with the site representative during the inspection:

- Tricaine Methanesulfonate (TMS) had been administered to stock to conduct check weights, its usage was not recorded in the medicine records.

R04

The administration of TMS must be recorded appropriately in the medicine records. Records will be checked at the next inspection.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007 with respect to section 5 regarding containment and escapes.

On this occasion the site was found to be fallow and the measures in place for the containment of stock could not be assessed.

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

Signed:



Date: 05/04/2024

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at [Fish Health Inspectorate Service Charter - gov.scot \(www.gov.scot\)](https://www.gov.scot/policies/fish-health-inspectorate/)