

Case No: 2024-0443 Date of visit: 18/11/2024

Time spent on site: 2 hours Main Inspector:

Site No: FS1051 Site Name: Couldoran Incubation Unit

Business No: FB0169 Business Name: Bakkafrost Scotland

Case Types: 1 REP 2 WEL 3 4 5 6

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

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:

Additional Case Information:

Site inspected in association with a vet from APHA following a mortality report of 111,427 (7.64%) eggs in week 46 2024.

The site is gravity fed from a dam and while the hatchery (FS0301) supply goes through a header tank, this is bypassed for the incubation unit (FS1051). In the past, this caused issues with total gas pressure (TGP) in the incubation unit. The issue has been resolved by fitting a drum filter, however episodes of heavy rainfall cause debris to block the dam inlet screens and therefore let air into the system which then causes the CompHatch valves to stick and reduce the water flow into the trays - resulting in mortalities. A float switch alarm has been placed next to the drum filter to try and alert the site staff of any issues, but this has been ineffective as the water level dips pass too quickly to result in an alarm.

The farm manager has submitted a proposal to fit a partial recirculating system in the hatchery to solve the issue, and he is hoping it will be approved for set up in the spring. In the meantime, the screens and drum filter are being cleaned more regularly to avoid the creation of air pockets in the system.

The incubation unit is currently fallow but the fry was observed in the hatchery and appeared in good condition.

During the site inspection, it was observed that the size of the pipes feeding the incubation appear to increase and decrease in size, which is probably contributing to the problem of air entering the system. The farm manager is aware of the issue and is certain that setting up a buffer tank and a partial recirc for the incubation unit will solve the issue.

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 (include cleaner fish for all sections)

| | | | | | |
|---------------------------------------|---|--------------------|---------------------------------|---------------------------------------|--------------------------------|
| Total No facilities | <input type="text" value="9"/> | Facilities stocked | <input type="text" value="0"/> | No facilities inspected | <input type="text" value="9"/> |
| Species | <input type="text"/> | | | | |
| Age group | <input type="text"/> | | | | |
| No Fish | <input type="text"/> | | | | |
| Mean Fish Wt | <input type="text"/> | | | | |
| Next Fallow Date (Site) | <input type="text" value="Currently fallow"/> | | Next Input Date (Site) | <input type="text" value="21/11/24"/> | |
| Recent (last 4 wks) disease problems? | <input type="text" value="N"/> | | Any escapes (since last visit)? | <input type="text" value="N"/> | |
| If yes, detail: | <input type="text"/> | | | | |

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:

See additional info.

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.

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"/> | Y |
| 4. Are fish in a withdrawal period? | <input type="checkbox"/> | N |
| 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"/> | Y |
| 2. If yes, are results available for inspection? | <input type="checkbox"/> | Y |
| 3. Any significant results? | <input type="checkbox"/> | N |
| If yes, detail (if not detailed under recent disease problems). <input type="text"/> | | |

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| Records checked between: | <input type="text" value="05/03/2024 - 18/11/2024"/> |
|--------------------------|--|

Case No: 2024-0443 Date of visit: 18/11/2024
Site No: FS1051 Inspector: [REDACTED]

| Results Summary | Freq. | Date of Notification | | | | | | |
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| | | Database | Insp | Phone | Insp | Writing | Insp | 2 nd Insp |
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| Report Summary | | | |
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| Case Type | Date | Insp | 2 nd Insp |
| REP | 26/11/2024 | | |
| Wel - No report | | | |
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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 | 18/11/2024 |
| SITE No | FS1051 | SITE NAME | Couldoran Incubation Unit |
| CASE No | 20240443 | INSPECTOR | ████████████████████ |

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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.

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 adequately maintained.

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

R04



Signed:



Date: 26/11/2024

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](https://www.gov.scot/policies/fish-health-inspectorate/) (www.gov.scot)