

| | | | | | | |
|---|-----------|--|-------------------|-------------------|----------|---|
| Case No: | 2024-0403 | Date of visit: | 22/10/2024 | | | |
| Time spent on site: | 2hrs | Main Inspector: | | | | |
| Site No: | FS0537 | Site Name: | Invicta Trout | | | |
| Business No: | FB0007 | Business Name: | Invicta Trout Ltd | | | |
| Case Types: | 1 ECI | 2 CNI | 3 | 4 | 5 | 6 |
| Water Temp (°C): | 10.7 | Thermometer No: | T306 | FHI 045 completed | | |
| Observations: | Region: | DG | 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? | N | 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:

Site is stocked with a mix of rainbows, browns and tigers and predominantly supplies fisheries for put and take. Ova are imported from Spain and site manager is very satisfied with the quality of the stock. Redmouth syndrome (RM) has been observed on site but is treated using Florocol with good success and very low mortality.

Mortality on the site is low with monthly counts provided since the last inspection. There were 4 months that had higher than average mortality for the site (April, July, August and September 2024), all attributed with the presence of PKD. The hatchery also experienced an elevated mortality in March 2024 which was attributed to gut fungus. None of these elevated mortalities exceeded the reporting thresholds for the average weight of the fish concerned.

Fish of all yearclasses appeared in good physical health and were extremely active in the raceways when approached. 2 mortalities were observed across the site but were not fresh dead and no clinical signs of disease were observed. One pond in particular was observed to be stocked with the poorer quality fish that had been graded out of the other ponds. These fish were observed to have puffy skin and deformities. Site manager explained that these fish will be treated for the puffy skin and are expected to recover. These fish were not moribund and were very active in the raceway and otherwise were behaving as expected. No other clinical signs of disease were observed so no samples were taken for diagnostic analysis on this occasion.

Case No: 2024-0403 Site No: FS0537

Date of Visit: 22/10/2024

Inspector(s):

Registration/Authorisation Details

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

| |
|---|
| Y |
| Y |

Site Details (include cleaner fish for all sections)

| | | | | | | | | |
|---------------------------------------|---------------|--------------------|--------|------------------------|---------------------------------|-------------------------|-------|----|
| Total No facilities | 54 | Facilities stocked | | | 54 | No facilities inspected | | 54 |
| Species | RTR | RTR | RTR | RTR | RTR | TRT | TIG | |
| Age group | 2021 | 2022 | 2023 | 2024 | 2024 | 2022 | 2021 | |
| No Fish | 2,000 | 26,000 | 46,000 | 200,000 | 200,000 | 6,600 | 1,500 | |
| Mean Fish Wt | 1kg | 500g | 200g | 15-40g | <1g | 500g | 1kg | |
| Next Fallow Date (Site) | Never fallow. | | | Next Input Date (Site) | | Nov 24 | | |
| 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 |
| 18/12/2023 |
| N |
| Y |
| Y |
| Y |

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: Stored in sealed bins on site before uplift by Oakbank, Dumfries for further processing.

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:

2,300 fish weighing <5g have been recorded in October so far. These losses have been attributed to gut fungus.

6. Any other peaks in mortality during period checked?

If yes, detail:

May 24: 2,540 (1.1%), July 2024: 1,000 (0.47%), August 2024: 2,156 (1%). All attributed to PKD. 12,300 ova lost in the hatchery in April 24 (1.3%) attributed to gut fungus.

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.

| |
|-----|
| N/A |
| N/A |

Treatments and Medicines Records

1. Recent treatments (see comment)?

Y

If yes, detail:

Aquatet

If other, detail:

2. Medicines records available for inspection?

Y

3. Are records complete and correctly entered?

Y

4. Are fish in a withdrawal period?

Y

5. If yes, what treatment(s)?

Aquatet

If other, detail:

6. Are medicines stored appropriately?

Y

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 *increased (unexplained)* 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 *how* and *when* 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?

Y

2. If yes, are results available for inspection?

Y

3. Any significant results?

N

If yes, detail (if not detailed under recent disease problems).

Records checked between:

18/12/2023 - 22/10/24

| | | | | | |
|--|---|-----------------------------|---------------|-----------------|--------------------------|
| Case Number: | 2024-0403 | Site No: | FS0537 | Insp: | |
| Date of Visit | 22/10/2024 | No of movements/supp./dest. | | | Score |
| Live fish movements | | 0 | 1-5 | 6-10 | >10 |
| Movements on (from out with GB) of susceptible species | Frequency of movements on from equivalent MS | 0 | 5 | 10 | 14 |
| | Frequency of movements on from equivalent zone or compartment including third country | 0 | 9 | 18 | 26 |
| | Number of suppliers | 0 | 5 | 10 | 14 |
| Movements off | Frequency of movements off | 0 | 3 | 6 | 10 |
| | Number of destinations | 0 | 3 | 6 | 10 |
| Exposure via water | Site contacts | 0 | 1-5 | 6-10 | |
| Water contacts with other farms (holding species susceptible to same diseases) | Farm is protected (secure water supply through disinfection or borehole) | 0 | | | |
| | Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion | 1 | 2 | 4 | |
| | Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion | 1 | 3 | 6 | |
| | Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion | 1 | 4 | 8 | |
| Management practices | | None | Secure | Unsecure | |
| Water contacts with processors | Any processing plant discharging into adjacent waters | 0 | 1 | 2 | |
| On farm processing within the rules of the directive | No on farm processing | 0 | | | |
| | Processing own fish (re-cycling risk) | 1 | | | |
| | Processing fish from MS of equivalent status | 2 | | | |
| | Processing fish from zone or compartment of equivalent status | 4 | | | |
| | Processing fish from Category III farm | 8 | | | |
| | Processing fish from Category V farm | 10 | | | |
| Disposal of fish and fish by-products | Site's own waste only processed. | 0 | | | |
| | Common processes with other farms | 3 | | | |
| | Collection point for waste from other farms | 5 | | | |
| Use of unpasteurised feeds | No feeding of unpasteurised feed | 0 | | | |
| | Feeding unpasteurised feed | 5 | | | |
| Biosecurity | Number of sites | 1 | 2 or 3 | ≥ 4 | |
| Contacts with other sites | Sites operating from single shorebase | 0 | 1 | 2 | |
| | Sites sharing staff and equipment | 0 | 1 | 2 | |
| Disinfection of equipment between sites, use of footbaths etc | Yes | 0 | | | |
| | No | 1 | | | |
| CoGP/Regulator | | | | | |
| Practices in accordance with regulator or industry code of practice | Yes | 0 | | | |
| | No | 3 | | | |
| Platform access to cages | Yes | 0 | | | |
| | No | 2 | | | |
| Total Rank | | | | | 38 HIGH |

Case No: 2024-0403

Site No: FS0537

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?
 2. Are measures in place to mitigate against the predation experienced on site? (Detail below)
- Screens at inlet and outlet to site and at each pond. Flight lines are in place to deter predatory birds, perimeter netting and
- 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?
 - 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: 2024-0403

Date of visit: 22/10/2024

Site No: **FS0537**

Inspector: [REDACTED]

[illegible][illegible]



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

| | | | |
|--------------------|----------|----------------------|---------------|
| BUSINESS No | FB0007 | DATE OF VISIT | 22/10/2024 |
| SITE No | FS0537 | SITE NAME | Invicta Trout |
| CASE No | 20240403 | 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 surveillance frequency category of the site was assessed as high. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted annually. 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 inadequately 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.

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

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.

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

R04



The following points were raised with the site representative during the inspection:

- FS numbers had not been included in the movement records. It was explained to the site manager during the inspection that these are a condition of the APBs authorisation to operate. A list of FS numbers was supplied to the site manager who has agreed to include these going forward. No further action required on this occasion.

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.

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 satisfactory.

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



Signed:

Date: 01/11/2024

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