

|   |  |  |   |                                 |                                 |                                 |
|---|--|--|---|---------------------------------|---------------------------------|---------------------------------|
| Case No:                                    | <input type="text" value="2019-0665"/> | Date of visit:   | <input type="text" value="05/11/2019"/>             |                                 |                                 |                                 |
| Time spent on site:                         | <input type="text" value="4 hours"/>   | Main Inspector:  | <input type="text" value=""/>                       |                                 |                                 |                                 |
| Site No:                                    | <input type="text" value="FS1328"/>    | Site Name:   | <input type="text" value="Barcaldine Smolt Unit"/>  |                                 |                                 |                                 |
| Business No:                                | <input type="text" value="FB0125"/>    | Business Name:   | <input type="text" value="Scottish Sea Farms Ltd"/> |                                 |                                 |                                 |
| Case Types:                                 | 1 <input type="text" value="ECI"/>     | 2 <input type="text" value="CNI"/>                       | 3 <input type="text" value="VMD"/>                  | 4 <input type="text" value=""/> | 5 <input type="text" value=""/> | 6 <input type="text" value=""/> |
| Water Temp (°C):                            | <input type="text" value="13"/>        | Thermometer No:  | <input type="text" value="Site"/>                   | FHI 045 completed               | <input type="text" value=""/>   |                                 |
| Observations:                               | Region:                                | ST   | Water type:   | F                               | CoGP MA                         |                                 |
| Dead/weak/abnormally behaving fish present? | <input type="text" value="N"/>         | If yes, see additional information/clinical score sheet. |   |                                 |                                 |                                 |
| Clinical signs of disease observed?         | <input type="text" value="N"/>         | If yes, see additional information/clinical score sheet. |   |                                 |                                 |                                 |
| Gross pathology observed?                   | <input type="text" value="N"/>         | If yes, see additional information/clinical score sheet. |   |                                 |                                 |                                 |
| Diagnostic samples taken?                   | <input type="text" value="N"/>         |  |   |                                 |                                 |                                 |

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

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**

|                         |  |                        |                                      |                         |                                 |
|-------------------------|--|------------------------|--------------------------------------|-------------------------|---------------------------------|
| Total No facilities     | <input type="text" value="16"/>        | Facilities stocked     | <input type="text" value="16"/>      | No facilities inspected | <input type="text" value="16"/> |
| Species                 | <input type="text" value="sal"/>       |                        |                                      |                         |                                 |
| Age group               | <input type="text" value="smolts"/>    |                        |                                      |                         |                                 |
| No Fish                 | <input type="text" value="1,888,115"/> |                        |                                      |                         |                                 |
| Mean Fish Wt            | <input type="text" value="88g"/>       |                        |                                      |                         |                                 |
| Next Fallow Date (Site) | <input type="text" value="no fallow"/> | Next Input Date (Site) | <input type="text" value="ongoing"/> |                         |                                 |

Recent (last 4 wks) disease problems?  Any escapes (since last visit)?   
 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?

**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:   
 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, add MRT case and enter on mortality events sheet.

|  |                          |   |
|--|--------------------------|---|
| 1. Recent treatments (last 4 wks)?             | <input type="checkbox"/> | Y |
| If yes, detail:                                | Formalin, Pyceze         |   |
| If other, detail:                              |                          |   |
| 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"/> | Y |
| 5. If yes, what treatment(s)?                  | Formalin, Pyceze         |   |
| If other, detail:                              |                          |   |
| 6. Are medicines stored appropriately?         | <input type="checkbox"/> | Y |

**Biosecurity Records**

|  |                          |   |
|--|--------------------------|---|
| 1. Biosecurity records available for inspection?   | <input type="checkbox"/> | Y |
| 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?   | <input type="checkbox"/> | Y |
| 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"/> | 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 <i>how</i> and <i>when</i> that will be notified to Scottish Ministers? | <input type="checkbox"/> | 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)?  | <input type="checkbox"/> | 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.)?            | <input type="checkbox"/> | Y |
| 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?  | <input type="checkbox"/> | Y |
| 8. Have the biosecurity procedures been adequately implemented on site?  | <input type="checkbox"/> | Y |
| 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"/> | N |
| 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: 9/10/19- 5/11/19

**Additional Case Information:**

Fish ensiled on site and waste transported by Murdoch and Sons Ltd to Deerdykes composting, Scottish Waters Cumbernauld.

Morts; 0.44% wk 42, 0.11% wk3, 0.65% wk44, 0.02% wk45. Attributed to post vaccine and fungal. 2 tanks treated with formalin and pyceze (Cress). Formalin under prescription. Smolt Unit; SU1Tanks 5,6

Saprolegnia post vaccine. Hoped that would not be issue on site as water is UV treated. Thought time of year (organic matter in water) and post vaccine damage has lead to the sap. Fish are being vaccinated at a larger size than normal as the unit was not ready for fish input. Large size of fish at vaccine has lead to some damage however mortality levels remain low.

First FHI visit to this site since in operation.

Site thermometer use due to biosecurity rules at site.

Case no:  Site No:  Date of visit/  
Sampling:

Priority samples: VI  BA  PA  MG  HI

Time sampling starts/ends:   Inspector:  VMD No.

Environmental conditions: 1  2  3  4  5

Summary samples HIST  BA  MG  VI  PA  Total Samples

Add Fish/Pools - click

| Pool/Fish No   |       |       |       |       |       |       |       |  |  |  |  |  |  |
|----------------|-------|-------|-------|-------|-------|-------|-------|--|--|--|--|--|--|
| Fish nos       | 1-4   | 5-8   | 9-12  | 13-16 | 17-20 | 21-24 | 25-28 |  |  |  |  |  |  |
| Pool Group     |       |       |       |       |       |       |       |  |  |  |  |  |  |
| Species        | SAL   | SAL   | SAL   | SAL   | SAL   | SAL   | SAL   |  |  |  |  |  |  |
| Average weight | 100g  | 100g  | 100g  | 100g  | 100g  | 100g  | 100g  |  |  |  |  |  |  |
| Sex            |       |       |       |       |       |       |       |  |  |  |  |  |  |
| Water Type     | FW    | FW    | FW    | FW    | FW    | FW    | FW    |  |  |  |  |  |  |
| Stock Origin   |       |       |       |       |       |       |       |  |  |  |  |  |  |
| Facility No    | SU1T1 | SU2T2 | SU1T8 | SU1T7 | SU1T4 | SU2T6 | SU1T3 |  |  |  |  |  |  |



|  |   |                             |        |          |                          |
|--|---|-----------------------------|--------|----------|--------------------------|
| Case Number:   | 2019-0665   | Site No:                    | FS1328 | Insp:    |                          |
| Date of Visit  | 05/11/2019  | No of movements/supp./dest. |        |          | Score                    |
| <b>Live fish movements</b>   |   | 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                       |
| <b>Exposure via water</b>  | <b>Site contacts</b>  | 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        |                          |
| <b>Management practices</b>  |   | 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                           |        |          |                          |
| <b>Biosecurity</b>   | <b>Number of sites</b>  | 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                           |        |          |                          |
| <b>CoGP/Regulator</b>  |   |                             |        |          |                          |
| Practices in accordance with regulator or industry code of practice            | Yes   | 0                           |        |          |                          |
|  | No  | 3                           |        |          |                          |
| Platform access to cages   | Yes   | 0                           |        |          |                          |
|  | No  | 2                           |        |          |                          |
| <b>Total Rank</b>  |   |                             |        |          | <b>27</b><br><b>HIGH</b> |

Case No: **2019-0665**

Site No: **FS1328**

**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) fallowed 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)

**inside and pest control**

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)





██████████  
Scottish Sea Farms Ltd  
Laurel House  
Laurelhill Business Park  
Polmaise Road Stirling  
FK7 9JQ  
████████████████████

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

|                    |            |                      |                       |
|--------------------|------------|----------------------|-----------------------|
| <b>BUSINESS No</b> | FB0125     | <b>DATE OF VISIT</b> | 05/11/2019            |
| <b>SITE No</b>     | FS1328     | <b>SITE NAME</b>     | Barcaldine Smolt Unit |
| <b>INSPECTOR</b>   | ██████████ | <b>CASE No</b>       | 20190665              |

#### Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected 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 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 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.

R04

No animal health surveillance had been carried out on behalf of the business and/or Marine Scotland since input to the smolt unit.

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

**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.

Samples were taken to be analysed for veterinary residues.

**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:26/11/2019

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)

Case No: 2019-0669 Date of visit: 06/11/2019

Time spent on site: 2.5h Main Inspector:

Site No: fs0265 Site Name: Inverkerry Smolt Unit
Business No: FB0061 Business Name: Landcatch Natural Selection Ltd

Case Types: 1 MOV 2 3 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 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:**

220,000 salmon smolts inspected for export to France.

No issues to note therefore certificate issued (intra.gb.2019.003147, local ref MD/136)

Mortalities mainly attributed to fungus

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**

|                         |                                       |                                      |                                 |  |                                 |
|-------------------------|---------------------------------------|--------------------------------------|---------------------------------|--|---------------------------------|
| Total No facilities     | <input type="text" value="117"/>      | Facilities stocked                   | <input type="text" value="70"/> | No facilities inspected                | <input type="text" value="17"/> |
| Species                 | <input type="text" value="SAL"/>      |                                      |                                 |  |                                 |
| Age group               | <input type="text" value="2019 s0s"/> | <input type="text" value="2020 s1"/> |                                 |  |                                 |
| No Fish                 | <input type="text" value="222,000"/>  | <input type="text" value="514,000"/> |                                 |  |                                 |
| Mean Fish Wt            | <input type="text" value="115g"/>     | <input type="text" value="55g"/>     |                                 |  |                                 |
| Next Fallow Date (Site) | <input type="text" value="May 2020"/> |                                      | Next Input Date (Site)          | <input type="text" value="June 2020"/> |                                 |

Recent (last 4 wks) disease problems?  Any escapes (since last visit)?   
 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?

**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:
- 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, add MRT case and enter on mortality events sheet.

|  |  |
|--|--|
| 1. Recent treatments (last 4 wks)?             |  |
| If yes, detail:                                |  |
| If other, detail:                              |  |
| 2. Medicines records available for inspection? |  |
| 3. Are records complete and correctly entered? |  |
| 4. Are fish in a withdrawal period?            |  |
| 5. If yes, what treatment(s)?                  |  |
| If other, detail:                              |  |
| 6. Are medicines stored appropriately?         |  |

**Biosecurity Records**

|  |  |
|--|--|
| 1. Biosecurity records available for inspection?   |  |
| 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?   |  |
| 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?   |  |
| 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? |  |
| 5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?  |  |
| 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.)?            |  |
| 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?  |  |
| 8. Have the biosecurity procedures been adequately implemented on site?  |  |
| If no, detail:   |  |

**Results of Surveillance**

|   |     |
|---|-----|
| 1. Has any animal health surveillance been carried out by, or on behalf of, the business? | N/A |
| 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: 18/3/2019 to 6/11/19





Landcatch Natural Selection Ltd  
Ormsary Fish Farm  
Lochgilphead  
Argyll  
PA31 8PE

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

|                    |        |                      |                       |
|--------------------|--------|----------------------|-----------------------|
| <b>BUSINESS No</b> | FB0061 | <b>DATE OF VISIT</b> | 06/11/2019            |
| <b>SITE No</b>     | FS0265 | <b>SITE NAME</b>     | Inverkerry Smolt Unit |
| <b>INSPECTOR</b>   |        | <b>CASE No</b>       | 20190669              |

#### Inspection for placing on the market in the EU

In accordance with the Trade in Animals and Related Products (Scotland) Regulations 2012 and European Community Council Directive 2006/88/EC, the above site was visited and a consignment of Atlantic salmon for placing on the market in France was inspected. A health certificate was issued which must travel with the consignment to the destination. The official authority in the importing country has been notified.

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

Signed:



Date: 12/11/2019

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)

Case No:  Date of visit:

Time spent on site:  Main Inspector:

Site No:  Site Name:   
 Business No:  Business Name:

Case Types: 1  2  3  4  5  6

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

Observations: Region: ST Water type: S CoGP MA

Dead/weak/abnormally behaving fish present?  If yes, see additional information/clinical score sheet.  
 Clinical signs of disease observed?  If yes, see additional information/clinical score sheet.  
 Gross pathology observed?  If yes, see additional information/clinical score sheet.  
 Diagnostic samples taken?

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

**Additional Case Information:**

Certificate INTRA.GB.2019.0031609 (MD19/140) for 14 bags to Carlingsford Lough (FHA-184) issued.

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**

|                         |  |                        |   |                         |                                      |
|-------------------------|--|------------------------|---|-------------------------|--------------------------------------|
| Total No facilities     | <input type="text" value="10 long lines"/> | Facilities stocked     | <input type="text" value="7 long lines"/>   | No facilities inspected | <input type="text" value="0 lines"/> |
| Species                 | <input type="text" value="MED"/>           |                        |   |                         |                                      |
| Age group               | <input type="text" value="2018"/>          |                        |   |                         |                                      |
| No Fish                 | <input type="text" value="84 tonnes"/>     |                        |   |                         |                                      |
| Mean Fish Wt            | <input type="text" value="35mm"/>          |                        |   |                         |                                      |
| Next Fallow Date (Site) | <input type="text" value="December 2019"/> | Next Input Date (Site) | <input type="text" value="wild spat fall"/> |                         |                                      |

Recent (last 4 wks) disease problems?  Any escapes (since last visit)?   
 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?

**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:

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, add MRT case and enter on mortality events sheet.

|  |  |
|--|--|
| 1. Recent treatments (last 4 wks)?             |  |
| If yes, detail:                                |  |
| If other, detail:                              |  |
| 2. Medicines records available for inspection? |  |
| 3. Are records complete and correctly entered? |  |
| 4. Are fish in a withdrawal period?            |  |
| 5. If yes, what treatment(s)?                  |  |
| If other, detail:                              |  |
| 6. Are medicines stored appropriately?         |  |

**Biosecurity Records**

|  |  |
|--|--|
| 1. Biosecurity records available for inspection?   |  |
| 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?   |  |
| 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?   |  |
| 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? |  |
| 5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?  |  |
| 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.)?            |  |
| 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?  |  |
| 8. Have the biosecurity procedures been adequately implemented on site?  |  |
| 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: 5/11/19-6/11/19



Loch Striven Mussel Farms Ltd  
The Point Ardtaraig Estate  
Loch Striven  
Argyll  
PA23 8RG

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

|                    |        |                      |            |
|--------------------|--------|----------------------|------------|
| <b>BUSINESS No</b> | SB0530 | <b>DATE OF VISIT</b> | 06/11/2019 |
| <b>SITE No</b>     | SS0759 | <b>SITE NAME</b>     | Fearna     |
| <b>INSPECTOR</b>   |        | <b>CASE No</b>       | 20190674   |

#### Inspection for placing on the market in the EU

In accordance with the Trade in Animals and Related Products (Scotland) Regulations 2012 and European Community Council Directive 2006/88/EC, the above site was visited and a consignment of mussel spat for placing on the market in Ireland was inspected. A health certificate was issued which must travel with the consignment to the destination. The official authority in the importing country has been notified.

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: 14/11/2019

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)

Case No: 2019-0675 Date of visit: 07/11/2019

Time spent on site: 1h Main Inspector:

Site No: SS0759 Site Name: Fearna

Business No: SB0530 Business Name: Loch Striven Mussel Farms Ltd

Case Types: 1 MOV 2 3 4 5 6

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

Observations: Region: ST Water type: S CoGP MA

Dead/weak/abnormally behaving fish present? N 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:**

Certificate INTRA.GB.2019.0031610 (MD19/141) for 17 bags to Carlingsford Lough (FHA-184) issued.

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**

| Total No facilities     | 10 lines      | Facilities stocked     | 6 lines              | No facilities inspected | 0 lines |
|-------------------------|---------------|------------------------|----------------------|-------------------------|---------|
| Species                 | MED           |                        |                      |                         |         |
| Age group               | 2018          |                        |                      |                         |         |
| No Fish                 | 70 tonnes     |                        |                      |                         |         |
| Mean Fish Wt            | 35mm          |                        |                      |                         |         |
| Next Fallow Date (Site) | December 2019 | Next Input Date (Site) | wild spat settlement |                         |         |

Recent (last 4 wks) disease problems?  Any escapes (since last visit)?   
 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?

**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:   
 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, add MRT case and enter on mortality events sheet.

|  |  |
|--|--|
| 1. Recent treatments (last 4 wks)?             |  |
| If yes, detail:                                |  |
| If other, detail:                              |  |
| 2. Medicines records available for inspection? |  |
| 3. Are records complete and correctly entered? |  |
| 4. Are fish in a withdrawal period?            |  |
| 5. If yes, what treatment(s)?                  |  |
| If other, detail:                              |  |
| 6. Are medicines stored appropriately?         |  |

**Biosecurity Records**

|  |  |
|--|--|
| 1. Biosecurity records available for inspection?   |  |
| 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?   |  |
| 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?   |  |
| 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? |  |
| 5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?  |  |
| 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.)?            |  |
| 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?  |  |
| 8. Have the biosecurity procedures been adequately implemented on site?  |  |
| 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: 6/11/19-7/11/19



Loch Striven Mussel Farms Ltd  
The Point Ardtaraig Estate  
Loch Striven  
Argyll  
PA23 8RG

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

|                    |        |                      |            |
|--------------------|--------|----------------------|------------|
| <b>BUSINESS No</b> | SB0530 | <b>DATE OF VISIT</b> | 07/11/2019 |
| <b>SITE No</b>     | SS0759 | <b>SITE NAME</b>     | Fearna     |
| <b>INSPECTOR</b>   |        | <b>CASE No</b>       | 20190675   |

#### Inspection for placing on the market in the EU

In accordance with the Trade in Animals and Related Products (Scotland) Regulations 2012 and European Community Council Directive 2006/88/EC, the above site was visited and a consignment of mussel spat for placing on the market in Ireland was inspected. A health certificate was issued which must travel with the consignment to the destination. The official authority in the importing country has been notified.

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: 14/11/2019

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)

Case No: 2019-0680 Date of visit: 06/11/2019

Time spent on site: 0 Main Inspector:

Site No: SS0002 Site Name: Loch Fyne
Business No: SB0002 Business Name: Loch Fyne Oysters Ltd

Case Types: 1 INF 2 3 4 5 6

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

Observations: Region: ST Water type: S CoGP MA

Dead/weak/abnormally behaving fish present?
Clinical signs of disease observed?
Gross pathology observed?
Diagnostic samples taken?
If yes, see additional information/clinical score sheet.

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

**Additional Case Information:**

IDN to be served as site has received stock from a site confirmed with *Bonamia ostreae*.

Statutory test to be conducted to confirm or rule out presence of *Bonamia ostreae*.

Further investigation has concluded oysters were not moved from the confirmed site to this one. IDN therefore withdrawn.





Case No: 2019-0681 Date of visit: 06/11/2019

Time spent on site: 0 Main Inspector:

Site No: SS0925 Site Name: Loch Craignish Native Oyster Restoration  
Business No: SB0551 Business Name: Loch Craignish Native Oyster Restoration

Case Types: 1 INF 2 3 4 5 6

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

Observations: Region: ST Water type: S CoGP MA

Dead/weak/abnormally behaving fish present?  If yes, see additional information/clinical score sheet.  
Clinical signs of disease observed?  If yes, see additional information/clinical score sheet.  
Gross pathology observed?  If yes, see additional information/clinical score sheet.  
Diagnostic samples taken?

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

**Additional Case Information:**

IDN to be served as site has received stock from a site confirmed with *Bonamia ostreae*.

Statutory test to be conducted to confirm or rule out presence of *Bonamia ostreae*.



Case No: 2019-0682 Date of visit: 12/11/2019

Time spent on site: 3.5 hours Main Inspector:

Site No: FS0537 Site Name: Invicta Trout

Business No: FB0007 Business Name: Invicta Trout Ltd

Case Types: 1 ECI 2 CNI 3 VMD 4 MIX 5 6

Water Temp (°C): 10.6 Thermometer No: T274 FHI 045 completed N/A

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? Y 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:**

50,000 triploids from Spain due next week. First batch from new supplier.  
Ongoing RTFS. No current issues with Costia or white spot. ERM bath vaccines - no issues.  
Some movements off recorded as Bells - this is table fish directly to a fish van.  
Egg imports not included in movement records. Updated during visit.

Eggs imported from Troutlodge USA, Troutex Denmark and Seven Springs. All other documentation available as required with the exception of one Danish import, which only had an unsigned copy of the health certificate.

Mortalities removed as whole fish - collected by Oakbank.

Morts generally low except in eggs - swim up. Were losing ~20% between egg arrival and swim up. Since last inspection also lost 22k to RTFS and 19k to Costia.

Anticipate going forward to be taking in eggs on a monthly basis.

Additional stock information - 2018 Tiger - 2000 @ 200g

A few (~20) dead fish in hatchery raceways and about 10-15 dead in hatchery ponds. One spiralling fish in middle of one of the main ponds. Otherwise no moribund fish seen. Visibility in ponds not good due to recent rainfall.

Water temp - 10.6 in hatchery (river/borehole mix) and 6.2 in outside ponds.

Updated 18/11/19 [REDACTED] - movement records checked fully on return to laboratory. Majority of records completed with sufficient information, but a few required clarification as difficult to identify the farm/fishery.

Case No: **2019-0682** Site No: **FS0537**  
 Date of Visit: **12/11/2019** Inspector(s): **[REDACTED]**

**Registration/Authorisation Details**

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

**Site Details**

|                         |                 |              |                    |                        |                      |                         |              |              |
|-------------------------|-----------------|--------------|--------------------|------------------------|----------------------|-------------------------|--------------|--------------|
| Total No facilities     | <b>54</b>       |              | Facilities stocked | <b>54</b>              |                      | No facilities inspected | <b>54</b>    |              |
| Species                 | <b>RTR</b>      | <b>RTR</b>   | <b>RTR</b>         | <b>RTR</b>             | <b>RTR</b>           | <b>TRO</b>              | <b>Tiger</b> | <b>Tiger</b> |
| Age group               | <b>2019</b>     | <b>2016</b>  | <b>2017</b>        | <b>2018</b>            | <b>2019</b>          | <b>2017</b>             | <b>2016</b>  | <b>2017</b>  |
| No Fish                 | <b>550,600</b>  | <b>823</b>   | <b>10,998</b>      | <b>49,000</b>          | <b>6,250</b>         | <b>1,400</b>            | <b>500</b>   | <b>2,800</b> |
| Mean Fish Wt            | <b>0.5-7g</b>   | <b>1.5kg</b> | <b>750g</b>        | <b>400g</b>            | <b>150g</b>          | <b>450g</b>             | <b>1.5kg</b> | <b>1kg</b>   |
| Next Fallow Date (Site) | <b>No plans</b> |              |                    | Next Input Date (Site) | <b>November 2019</b> |                         |              |              |

Recent (last 4 wks) disease problems? **Y** Any escapes (since last visit)? **N**  
 If yes, detail: **RTFS.**

**Movement Records**

1. Movement records available for inspection? **Y**  
 2. Date of last inspection: **14/11/2018**  
 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**

**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? **Other (detail)**  
 If other detail: **Whole fish collected by Oakbank Waste Management - rendered and then incinerated.**  
 3. Mortality records complete and correctly entered? **Y**  
 4. Recent mortality (last 4 wks): **0-1.12% in hatchery, 0-30/pond/4 days in main site.**  
 5. Evidence of recent increased/atypical mortalities? **N**  
 If yes, facility nos/no mortality per facility/no stock per facility/reason:

6. Any other peaks in mortality during period checked? **N**  
 If yes, detail:  
 7. Have increased (unexplained) mortalities been reported to vet or FHI? **N/A**  
 If yes, detail action:  
 8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet. **N/A**

|  |                          |   |
|--|--------------------------|---|
| 1. Recent treatments (last 4 wks)?             | <input type="checkbox"/> | Y |
| If yes, detail:                                | Florfenicol, Formalin    |   |
| If other, detail:                              |                          |   |
| 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"/> | Y |
| 5. If yes, what treatment(s)?                  | Florfenicol, Formalin    |   |
| If other, detail:                              |                          |   |
| 6. Are medicines stored appropriately?         | <input type="checkbox"/> | Y |

**Biosecurity Records**

|  |                          |   |
|--|--------------------------|---|
| 1. Biosecurity records available for inspection?   | <input type="checkbox"/> | Y |
| 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?   | <input type="checkbox"/> | 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?  | <input type="checkbox"/> | 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 <i>how</i> and <i>when</i> that will be notified to Scottish Ministers? | <input type="checkbox"/> | 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)?  | <input type="checkbox"/> | 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.)?            | <input type="checkbox"/> | Y |
| 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?  | <input type="checkbox"/> | Y |
| 8. Have the biosecurity procedures been adequately implemented on site?  | <input type="checkbox"/> | Y |
| 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"/> | N |
| 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: 14/11/2018-12/11/2019

Case no:  Site No:  Date of visit/  
 Sampling:

Priority samples: VI  BA  PA  MG  HI

Time sampling starts/ends:   Inspector:  VMD No.

Environmental conditions: 1  2  3  4  5

Summary samples HIST  BA  MG  VI  PA  Total Samples

Add Fish/Pools - click

|                |            |  |  |  |  |  |  |  |  |  |  |  |  |
|----------------|------------|--|--|--|--|--|--|--|--|--|--|--|--|
| Pool/Fish No   |            |  |  |  |  |  |  |  |  |  |  |  |  |
| Fish nos       | 1          |  |  |  |  |  |  |  |  |  |  |  |  |
| Pool Group     |            |  |  |  |  |  |  |  |  |  |  |  |  |
| Species        | RTR        |  |  |  |  |  |  |  |  |  |  |  |  |
| Average weight | 0.4000     |  |  |  |  |  |  |  |  |  |  |  |  |
| Sex            | N/A        |  |  |  |  |  |  |  |  |  |  |  |  |
| Water Type     | FW         |  |  |  |  |  |  |  |  |  |  |  |  |
| Stock Origin   | Troutlodge |  |  |  |  |  |  |  |  |  |  |  |  |
| Facility No    | 21         |  |  |  |  |  |  |  |  |  |  |  |  |





|  |   |                             |        |          |                          |
|--|---|-----------------------------|--------|----------|--------------------------|
| Case Number:   | 2019-0682   | Site No:                    | FS0537 | Insp:    |                          |
| Date of Visit  | 12/11/2019  | No of movements/supp./dest. |        |          | Score                    |
| <b>Live fish movements</b>   |   | 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                       |
| <b>Exposure via water</b>  | <b>Site contacts</b>  | 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        | 1                        |
|  | 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        |                          |
| <b>Management practices</b>  |   | None                        | Secure | Unsecure |                          |
| Water contacts with processors   | Any processing plant discharging into adjacent waters   | 0                           | 1      | 2        | 0                        |
| On farm processing within the rules of the directive                           | No on farm processing   | 0                           |        |          |                          |
|  | Processing own fish (re-cycling risk)   | 1                           |        |          | 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                           |        |          | 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                           |        |          | 0                        |
|  | Feeding unpasteurised feed  | 5                           |        |          |                          |
| <b>Biosecurity</b>   | <b>Number of sites</b>  | 1                           | 2 or 3 | ≥ 4      |                          |
| Contacts with other sites  | Sites operating from single shorebase   | 0                           | 1      | 2        | 0                        |
|  | Sites sharing staff and equipment   | 0                           | 1      | 2        | 0                        |
| Disinfection of equipment between sites, use of footbaths etc                  | Yes   | 0                           |        |          | 0                        |
|  | No  | 1                           |        |          |                          |
| <b>CoGP/Regulator</b>  |   |                             |        |          |                          |
| Practices in accordance with regulator or industry code of practice            | Yes   | 0                           |        |          | 0                        |
|  | No  | 3                           |        |          |                          |
| Platform access to cages   | Yes   | 0                           |        |          | 0                        |
|  | No  | 2                           |        |          |                          |
| <b>Total Rank</b>  |   |                             |        |          | <b>53</b><br><b>HIGH</b> |

Case No: **2019-0682**

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) fallowed 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

If other, detail below:

Electric fence, overhead lines for herons.

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)  Y



██████████  
Invicta Trout Ltd  
Newtonairds  
Dumfries  
Dumfries and Galloway  
DG2 0JL  
██████████

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

|                    |            |                      |               |
|--------------------|------------|----------------------|---------------|
| <b>BUSINESS No</b> | FB0007     | <b>DATE OF VISIT</b> | 12/11/2019    |
| <b>SITE No</b>     | FS0537     | <b>SITE NAME</b>     | Invicta Trout |
| <b>INSPECTOR</b>   | ██████████ | <b>CASE No</b>       | 20190682      |

#### Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, 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 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 mostly adequately maintained. However, movements onto site in the last year had not been recorded, only movements off site.

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.

R04

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

No animal health surveillance had been carried out on behalf of the business and/or Marine Scotland since the last Marine Scotland Inspection.

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

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

The original health certificate was missing for one consignment of eggs from Denmark (INTRA.DK.2019.0004905-V1), only an unsigned copy was available. The original certificate should remain with the consignment for three years after the introduction. The original certificate should be located (or a certified true copy obtained) and retained on site.

Movements of aquaculture animals onto site in the last year had not been recorded. The missing records were completed during the visit, so no further action is required for this point. In future, all movements of aquaculture animals must be recorded, both on and off site.

Following return to the laboratory the movement records were checked in more detail. While the majority of movements contained sufficient information there were a few which required clarification. In future, if no registration number is available for the site of destination/source please include sufficient information to enable the farm or fishery location to be identified.

These must be addressed to ensure the conditions of authorisation for your Aquaculture Production Business (APB) are being met. Records or documentation demonstrating that these points have been addressed should be sent to the Fish Health Inspectorate (contact details below) within 30 days of the date this report was issued.

### **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. Samples were taken to be analysed for veterinary residues.

### **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 assistance or clarification in implementing any requirement or recommendation detailed in this report.

Signed:



Date: 18/11/2019

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)

R04

Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB  
Tel - 0131 244 3498 Fax - 0131 244 0944 Email - [ms.fishhealth@gov.scot](mailto:ms.fishhealth@gov.scot)  
Website - [www.gov.scot/Topics/marine/science](http://www.gov.scot/Topics/marine/science)

██████████  
Invicta Trout Ltd  
Newtonairds  
Dumfries  
Dumfries and Galloway  
DG2 0JL  
██████████

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

|                    |            |                      |               |
|--------------------|------------|----------------------|---------------|
| <b>BUSINESS No</b> | FB0007     | <b>DATE OF VISIT</b> | 12/11/2019    |
| <b>SITE No</b>     | FS0537     | <b>SITE NAME</b>     | Invicta Trout |
| <b>INSPECTOR</b>   | ██████████ | <b>CASE No</b>       | 20190682      |

#### Case completion report

Recommendations in relation to the above case were made for implementation by 18 December 2019. 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: ██████████

Fish Health Inspector

Date: 06/01/2020

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)

Case No: 2019-0683 Date of visit: 06/11/2019

Time spent on site: 0 Main Inspector:

Site No: SS0548 Site Name: Lamb Holm
Business No: SB0553 Business Name: Orkney Shellfish Hatchery (OSH) Ltd

Case Types: 1 INF 2 3 4 5 6

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

Observations: Region: OR Water type: S CoGP MA

Dead/weak/abnormally behaving fish present? If yes, see additional information/clinical score sheet.
Clinical signs of disease observed? If yes, see additional information/clinical score sheet.
Gross pathology observed? If yes, see additional information/clinical score sheet.
Diagnostic samples taken?

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



**Additional Case Information:**

IDN to be served as site has received stock from a site confirmed with *Bonamia ostreae*.

Statutory test to be conducted to confirm or rule out presence of *Bonamia ostreae*.



|   |  |  |   |                                 |                                 |                                 |
|---|--|--|---|---------------------------------|---------------------------------|---------------------------------|
| Case No:                                    | <input type="text" value="2019-0685"/> | Date of visit:   | <input type="text" value="13/11/2019"/>                         |                                 |                                 |                                 |
| Time spent on site:                         | <input type="text" value="3.5 hours"/> | Main Inspector:  | <input type="text" value=""/>                                   |                                 |                                 |                                 |
| Site No:                                    | <input type="text" value="FS0371"/>    | Site Name:   | <input type="text" value="Yetts O' Muckart"/>                   |                                 |                                 |                                 |
| Business No:                                | <input type="text" value="FB0235"/>    | Business Name:   | <input type="text" value="Cooke Aquaculture (Freshwater) Ltd"/> |                                 |                                 |                                 |
| Case Types:                                 | 1 <input type="text" value="ECI"/>     | 2 <input type="text" value="CNI"/>                       | 3 <input type="text" value="VMD"/>                              | 4 <input type="text" value=""/> | 5 <input type="text" value=""/> | 6 <input type="text" value=""/> |
| Water Temp (°C):                            | <input type="text" value="6.9"/>       | Thermometer No:  | <input type="text" value="T172"/>                               | FHI 045 completed               | <input type="text" value=""/>   |                                 |
| Observations:                               | Region:                                | CE   | Water type:   | F                               | CoGP MA                         |                                 |
| Dead/weak/abnormally behaving fish present? | <input type="text" value="N"/>         | If yes, see additional information/clinical score sheet. |   |                                 |                                 |                                 |
| Clinical signs of disease observed?         | <input type="text" value="N"/>         | If yes, see additional information/clinical score sheet. |   |                                 |                                 |                                 |
| Gross pathology observed?                   | <input type="text" value="N"/>         | If yes, see additional information/clinical score sheet. |   |                                 |                                 |                                 |
| Diagnostic samples taken?                   | <input type="text" value="N"/>         |  |   |                                 |                                 |                                 |

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

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**

|                         |   |                                      |                                |                                       |                                 |
|-------------------------|---|--------------------------------------|--------------------------------|---------------------------------------|---------------------------------|
| Total No facilities     | <input type="text" value="15"/>             | Facilities stocked                   | <input type="text" value="9"/> | No facilities inspected               | <input type="text" value="15"/> |
| Species                 | <input type="text" value="SAL"/>            | <input type="text" value="SAL"/>     |                                |                                       |                                 |
| Age group               | <input type="text" value="2020 S1"/>        | <input type="text" value="2019 S0"/> |                                |                                       |                                 |
| No Fish                 | <input type="text" value="560,000"/>        | <input type="text" value="63,000"/>  |                                |                                       |                                 |
| Mean Fish Wt            | <input type="text" value="66g"/>            | <input type="text" value="115g"/>    |                                |                                       |                                 |
| Next Fallow Date (Site) | <input type="text" value="end March 2020"/> |                                      | Next Input Date (Site)         | <input type="text" value="May 2020"/> |                                 |

Recent (last 4 wks) disease problems?  Any escapes (since last visit)?

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?

**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:

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, add MRT case and enter on mortality events sheet.

|   |                          |   |
|---|--------------------------|---|
| 1. Recent treatments (last 4 wks)?  | <input type="checkbox"/> | Y |
| If yes, detail:   |                          |   |
| If other, detail:   | Aquacen                  |   |
| 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)?   |                          |   |
| If other, detail:   | Aquacen                  |   |
| 6. Are medicines stored appropriately?  | <input type="checkbox"/> | Y |
| <b>Biosecurity Records</b>  |                          |   |
| 1. Biosecurity records available for inspection?  | <input type="checkbox"/> | Y |
| 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?  | <input type="checkbox"/> | 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?                                     | <input type="checkbox"/> | 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?    | <input type="checkbox"/> | 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)?   | <input type="checkbox"/> | 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.)? | <input type="checkbox"/> | Y |
| 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?   | <input type="checkbox"/> | Y |
| 8. Have the biosecurity procedures been adequately implemented on site?   | <input type="checkbox"/> | Y |
| If no, detail:  |                          |   |
| <b>Results of Surveillance</b>  |                          |   |
| 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"/> | N |
| 3. Any significant results?   | <input type="checkbox"/> | N |
| If yes, detail (if not detailed under recent disease problems).   |                          |   |
| Records checked between: 29/11/18 - 13/11/19  |                          |   |

**Additional Case Information:**

Inspection and sampling conducted by [REDACTED], supervised by [REDACTED]

Aquacen treatments used to treat fungus. These treatments were successful. Cress prescribed.

Fish currently being moved off the site to sea.

Peak in mortality during week 30 and 31. Warm weather combined with grading and fungus caused morts of 1,570 in wk 30 and 4,672 in wk 31 (0.51%). Mortality was controlled with Aquacen treatments.

Small increase in mortality for the 6 weeks post input from wk 21 - wk 26.

It was the policy that a prophylactic treatment would be administered for fish arriving on site. Prophylactic treatments are no longer administered.

Aquacen used on 7/11/19 due to fungus. Fish still on withdrawal for Aquacen (500 DD)

Prescription for Cress says a withdrawal of 500 degree days but the Special treatment certificate from VMD says 0 degree days. Statement 8 of the STC details the withdrawal period for all food producing animals as 500 DD. Discussed with manager and asked him to change treatment records post inspection.

All fish sampled for VMD appeared clinically healthy and no gross pathology was observed.

Vet report submitted after the inspection. It was inspected and there were no significant results. Biologist commented that the fish were ready to be moved to sea

Case no:  Site No:  Date of visit/  
Sampling:

Priority samples: VI  BA  PA  MG  HI

Time sampling starts/ends:   Inspector:  VMD No.

Environmental conditions: 1  2  3  4  5

Summary samples HIST  BA  MG  VI  PA  Total Samples

Add Fish/Pools - click

|                |              |          |             |             |  |  |  |  |  |  |  |  |
|----------------|--------------|----------|-------------|-------------|--|--|--|--|--|--|--|--|
| Pool/Fish No   |              |          |             |             |  |  |  |  |  |  |  |  |
| Fish nos       | 1-6          | 7-12     | 13-22       |             |  |  |  |  |  |  |  |  |
| Pool Group     |              |          |             |             |  |  |  |  |  |  |  |  |
| Species        | SAL          | SAL      | SAL         |             |  |  |  |  |  |  |  |  |
| Average weight | 115g         | 110g     | 66g         |             |  |  |  |  |  |  |  |  |
| Sex            |              |          |             |             |  |  |  |  |  |  |  |  |
| Water Type     | FW           | FW       | FW          |             |  |  |  |  |  |  |  |  |
| Stock Details  |              | Cairndow | Holmwrangle | Holmwrangle |  |  |  |  |  |  |  |  |
|                | Stock Origin |          |             |             |  |  |  |  |  |  |  |  |
| Facility No    | C6           | B1       | B3          |             |  |  |  |  |  |  |  |  |





|  |   |                             |        |          |           |            |
|--|---|-----------------------------|--------|----------|-----------|------------|
| Case Number:   | 2019-0685   | Site No:                    | FS0371 | Insp:    |           |            |
| Date of Visit  | 13/11/2019  | No of movements/supp./dest. |        |          | Score     |            |
| <b>Live fish movements</b>   |   | 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        | 0          |
|  | 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        | 10         |
|  | Number of destinations  | 0                           | 3      | 6        | 10        | 3          |
| <b>Exposure via water</b>  | <b>Site contacts</b>  | 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        |           | 2          |
|  | 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        |           |            |
| <b>Management practices</b>  |   | None                        | Secure | Unsecure |           |            |
| Water contacts with processors   | Any processing plant discharging into adjacent waters   | 0                           | 1      | 2        |           | 0          |
| On farm processing within the rules of the directive                           | No on farm processing   | 0                           |        |          |           | 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                           |        |          |           | 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                           |        |          |           | 0          |
|  | Feeding unpasteurised feed  | 5                           |        |          |           |            |
| <b>Biosecurity</b>   | <b>Number of sites</b>  | 1                           | 2 or 3 | ≥ 4      |           |            |
| Contacts with other sites  | Sites operating from single shorebase   | 0                           | 1      | 2        |           | 0          |
|  | Sites sharing staff and equipment   | 0                           | 1      | 2        |           | 0          |
| Disinfection of equipment between sites, use of footbaths etc                  | Yes   | 0                           |        |          |           | 0          |
|  | No  | 1                           |        |          |           |            |
| <b>CoGP/Regulator</b>  |   |                             |        |          |           |            |
| Practices in accordance with regulator or industry code of practice            | Yes   | 0                           |        |          |           | 0          |
|  | No  | 3                           |        |          |           |            |
| Platform access to cages   | Yes   | 0                           |        |          |           | 0          |
|  | No  | 2                           |        |          |           |            |
| <b>Total Rank</b>  |   |                             |        |          | <b>15</b> | <b>LOW</b> |

Case No: **2019-0685**

Site No: **FS0371**

**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) fallowed 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

**Nets over tanks, vermin control by contractor**

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)

Site No: FS0371

Case No: 2019-0685

Nature of non-compliance:

Action taken (FHI):

Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology





██████████  
Cooke Aquaculture (Freshwater) Ltd  
c/o Cooke Aquaculture Scotland Ltd  
Crowness Road, Hatston Kirkwall  
Orkney  
KW15 1RG  
████████████████████

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

|                    |                      |                      |                  |
|--------------------|----------------------|----------------------|------------------|
| <b>BUSINESS No</b> | FB0235               | <b>DATE OF VISIT</b> | 13/11/2019       |
| <b>SITE No</b>     | FS0371               | <b>SITE NAME</b>     | Yetts O' Muckart |
| <b>INSPECTOR</b>   | ████████████████████ | <b>CASE No</b>       | 20190685         |

#### Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, 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 surveillance frequency category of the site was assessed as low. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every third year. 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 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.

R04

Reports detailing the results of animal health surveillance carried out by or on behalf of the business and/or Marine Scotland were not available for inspection. However, this document has been submitted since the inspection.

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

### **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 points were raised with the site representative during the inspection:

- A minor issue was raised regarding the incorrect withdrawal period recorded for the use of a veterinary treatment.

The issue was discussed with the site manager. No further action is required regarding this matter.

Samples were taken to be analysed for veterinary residues.

### **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: 21/11/2019

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)

Case No: 2019-0686 Date of visit: 12/11/2019

Time spent on site: 4.5 hrs Main Inspector: [redacted]

Site No: FS0813 Site Name: Puldrite  
Business No: FB0125 Business Name: Scottish Sea Farms Ltd

Case Types: 1 ECI 2 CNI 3 SLI 4 VMD 5 [ ] 6 [ ]

Water Temp (°C): 9.9 Thermometer No: T148 FHI 045 completed [ ]

Observations: Region: OR Water type: S CoGP MA O-2

Dead/weak/abnormally behaving fish present? N 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:  
[redacted]

**Additional Case Information:**

AGD on site but has been treated with H<sub>2</sub>O<sub>2</sub> and SLICE, water temperatures also dropping. No increase in mortalities. Fish staying low in water due to rough weather at time of inspection but were coming up when fed. All fish appeared in good condition. Lice numbers very low, no signs of physical damage. Fish sampled for VMD appeared in very good condition both externally and internally.



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**

|                         |  |                    |                                 |  |                                 |
|-------------------------|--|--------------------|---------------------------------|--|---------------------------------|
| Total No facilities     | <input type="text" value="10"/>        | Facilities stocked | <input type="text" value="10"/> | No facilities inspected                | <input type="text" value="10"/> |
| Species                 | <input type="text" value="SAL"/>       |                    |                                 |  |                                 |
| Age group               | <input type="text" value="2019 S1"/>   |                    |                                 |  |                                 |
| No Fish                 | <input type="text" value="268,209"/>   |                    |                                 |  |                                 |
| Mean Fish Wt            | <input type="text" value="1.78kg"/>    |                    |                                 |  |                                 |
| Next Fallow Date (Site) | <input type="text" value="Jan. 2021"/> |                    | Next Input Date (Site)          | <input type="text" value="Aug. 2021"/> |                                 |

Recent (last 4 wks) disease problems?  Any escapes (since last visit)?   
 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?

**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:
- 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, add MRT case and enter on mortality events sheet.

|  |                          |   |
|--|--------------------------|---|
| 1. Recent treatments (last 4 wks)?             | <input type="checkbox"/> | Y |
| If yes, detail:                                | 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"/> | Y |
| 4. Are fish in a withdrawal period?            | <input type="checkbox"/> | Y |
| 5. If yes, what treatment(s)?                  | T.M.S.                   |   |
| If other, detail:                              |                          |   |
| 6. Are medicines stored appropriately?         | <input type="checkbox"/> | Y |

**Biosecurity Records**

|  |                          |   |
|--|--------------------------|---|
| 1. Biosecurity records available for inspection?   | <input type="checkbox"/> | Y |
| 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?   | <input type="checkbox"/> | 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?  | <input type="checkbox"/> | 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 <i>how</i> and <i>when</i> that will be notified to Scottish Ministers? | <input type="checkbox"/> | 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)?  | <input type="checkbox"/> | 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.)?            | <input type="checkbox"/> | Y |
| 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?  | <input type="checkbox"/> | Y |
| 8. Have the biosecurity procedures been adequately implemented on site?  | <input type="checkbox"/> | Y |
| 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"/> | 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).                           |                          |   |

Records checked between: 21/11/2017 - 12/11/2019

Case no:  Site No:  Date of visit/  
Sampling:

Priority samples: VI  BA  PA  MG  HI

Time sampling starts/ends:   Inspector:  VMD No.

Environmental conditions: 1  2  3  4  5

Summary samples HIST  BA  MG  VI  PA  Total Samples

Add Fish/Pools - click

| Pool/Fish No   |        |        |        |        |  |  |  |  |  |  |  |  |
|----------------|--------|--------|--------|--------|--|--|--|--|--|--|--|--|
| Fish nos       | 1      | 2      | 3      | 4      |  |  |  |  |  |  |  |  |
| Pool Group     |        |        |        |        |  |  |  |  |  |  |  |  |
| Species        | SAL    | SAL    | SAL    | SAL    |  |  |  |  |  |  |  |  |
| Average weight | 1.7800 | 1.7800 | 1.7800 | 1.7800 |  |  |  |  |  |  |  |  |
| Sex            | N/A    | N/A    | N/A    | N/A    |  |  |  |  |  |  |  |  |
| Water Type     | SW     | SW     | SW     | SW     |  |  |  |  |  |  |  |  |
| Stock Origin   |        |        |        |        |  |  |  |  |  |  |  |  |
| Facility No    | 2      | 4      | 6      | 8      |  |  |  |  |  |  |  |  |



|  |   |                             |        |          |           |               |
|--|---|-----------------------------|--------|----------|-----------|---------------|
| Case Number:   | 2019-0686   | Site No:                    | FS0813 | Insp:    |           |               |
| Date of Visit  | 12/11/2019  | No of movements/supp./dest. |        |          | Score     |               |
| <b>Live fish movements</b>   |   | 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        | 0             |
|  | Frequency of movements on from equivalent zone or compartment including third country             | 0                           | 9      | 18       | 26        | 0             |
|  | Number of suppliers   | 0                           | 5      | 10       | 14        | 0             |
| Movements off  | Frequency of movements off  | 0                           | 3      | 6        | 10        | 10            |
|  | Number of destinations  | 0                           | 3      | 6        | 10        | 3             |
| <b>Exposure via water</b>  | <b>Site contacts</b>  | 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        |           | 2             |
|  | 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        |           |               |
| <b>Management practices</b>  |   | None                        | Secure | Unsecure |           |               |
| Water contacts with processors   | Any processing plant discharging into adjacent waters   | 0                           | 1      | 2        |           | 1             |
| On farm processing within the rules of the directive                           | No on farm processing   | 0                           |        |          |           | 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                           |        |          |           | 3             |
|  | Collection point for waste from other farms   | 5                           |        |          |           |               |
| Use of unpasteurised feeds   | No feeding of unpasteurised feed  | 0                           |        |          |           | 0             |
|  | Feeding unpasteurised feed  | 5                           |        |          |           |               |
| <b>Biosecurity</b>   | <b>Number of sites</b>  | 1                           | 2 or 3 | ≥ 4      |           |               |
| Contacts with other sites  | Sites operating from single shorebase   | 0                           | 1      | 2        |           | 1             |
|  | Sites sharing staff and equipment   | 0                           | 1      | 2        |           | 1             |
| Disinfection of equipment between sites, use of footbaths etc                  | Yes   | 0                           |        |          |           | 0             |
|  | No  | 1                           |        |          |           |               |
| <b>CoGP/Regulator</b>  |   |                             |        |          |           |               |
| Practices in accordance with regulator or industry code of practice            | Yes   | 0                           |        |          |           | 0             |
|  | No  | 3                           |        |          |           |               |
| Platform access to cages   | Yes   | 0                           |        |          |           | 0             |
|  | No  | 2                           |        |          |           |               |
| <b>Total Rank</b>  |   |                             |        |          | <b>21</b> | <b>MEDIUM</b> |

Case No: **2019-0686**

Site No: **FS0813**

**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) fallowed 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)

Sapphire seal pro nets, Tensioned Nets, Top Nets, M.M.L

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: 2019-0686

Site No: FS0813

Date of Visit: 12/11/2019

Inspector: [REDACTED]

**Point of Compliance**

1. Is the farm under inspection located within a farm management area?

If N, no further questions require completion.

**Points of Compliance for Both Farm Management Agreements and Statements**

2. Has a current farm management agreement or statement (FMAg/S) been prepared?

3. Is the current FMAg/S available for inspection?

4. Does the FMAg/S identify the relevant farm management area?

5. Does the FMAg/S identify the fish farm site(s) to which it applies?

6. Does the FMAg/S identify the date of commencement of the agreement or statement?

7. Does the FMAg/S identify the date of review?

**Arrangements for Fish Health Management**

8. Does the FMAg/S identify the minimum health standards for the stocks to be introduced to the area or farm?

9. Does the FMAg/S identify the vaccination requirements for stocks held in the area or farm?

10. Does the FMAg/S identify the species of fish which may be stocked into the area or farm?

11. Does the FMAg/S identify the maximum stocking density of any pen on any farm in the area or the individual farm?

12. Does the FMAg/S identify the arrangements for the storage and disposal of any dead fish from any fish farm in the area or the individual farm?

**Arrangements for The Management of Sea Lice**

13. Does the FMAg/S identify arrangements for the sharing of data on sea lice numbers and treatments?

14. Does the FMAg/S identify the availability and the use of medicines on farms covered by the agreement of statement?

15. Does the FMAg/S identify any requirements for the sensitivity testing of available treatments for sea lice on farms in the area or individual farms?

16. Does the FMAg/S identify the circumstances under which biological controls and cleaner fish are to be used on farms in the area or individual farms?

17. Does the FMAg/S identify the arrangements for synchronous treatments on farms within the area?

**Live Fish Movements**

18. Does the FMAg/S identify the circumstances when live fish may be introduced or removed from the area or farm?

19. Does the FMAg/S identify the arrangements for the movement of live fish on and off sites in the area or individual farms?

**Harvesting**

20. Does the FMAg/S identify acceptable harvest practices on farms in the area or individual farms?

**Fallowing**

21. Does the FMAg/S identify the dates by which the area or individual farm will be fallow and the earliest date when a farm or area may be restocked?

22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covered by the agreement or statement?

23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?

**Point of Compliance for Farm Management Agreements Only**

24. Does the farm management agreement include arrangements for persons to become, or cease to be, parties to the agreement?

**Management and operation**

25. Is the fish farm being managed and operated in accordance with the agreement or statement?

26. What is the version no/date of issue of the FMAg/S?



Site No: FS0813

Case No: 2019-0686

Nature of non-compliance:

Action taken (FHI):

Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology





██████████  
Scottish Sea Farms Ltd  
Laurel House  
Laurelhill Business Park  
Polmaise Road Stirling  
FK7 9JQ  
██

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

|                    |            |                      |            |
|--------------------|------------|----------------------|------------|
| <b>BUSINESS No</b> | FB0125     | <b>DATE OF VISIT</b> | 12/11/2019 |
| <b>SITE No</b>     | FS0813     | <b>SITE NAME</b>     | Puldrite   |
| <b>INSPECTOR</b>   | ██████████ | <b>CASE No</b>       | 20190686   |

#### Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, 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 surveillance frequency category of the site was assessed as medium. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every second year. 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 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 Scotland were available for inspection.

R25

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

**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.

Samples were taken to be analysed for veterinary residues.

**Inspection under the Aquaculture and Fisheries (Scotland) Act 2007**

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice), section 4A regarding fish farm management agreements and statements and section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory with regards to parasites, fish farm management agreements and statements and containment and escapes.

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

Signed:



Date: 19/11/2019

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)

|   |  |  |  |                                    |                                 |                                 |
|---|--|--|--|------------------------------------|---------------------------------|---------------------------------|
| Case No:                                    | <input type="text" value="2019-0687"/> | Date of visit:   | <input type="text" value="11/11/2019"/>            |                                    |                                 |                                 |
| Time spent on site:                         | <input type="text" value="6 hours"/>   | Main Inspector:  | <input type="text" value=""/>                      |                                    |                                 |                                 |
| Site No:                                    | <input type="text" value="FS0102"/>    | Site Name:   | <input type="text" value="Moffat Water"/>          |                                    |                                 |                                 |
| Business No:                                | <input type="text" value="FB0067"/>    | Business Name:   | <input type="text" value="Selcoth Fisheries Ltd"/> |                                    |                                 |                                 |
| Case Types:                                 | 1 <input type="text" value="ECI"/>     | 2 <input type="text" value="CNI"/>                       | 3 <input type="text" value="MIX"/>                 | 4 <input type="text" value="VMD"/> | 5 <input type="text" value=""/> | 6 <input type="text" value=""/> |
| Water Temp (°C):                            | <input type="text" value="5.8"/>       | Thermometer No:  | <input type="text" value="T155"/>                  | FHI 045 completed                  | <input type="text" value=""/>   |                                 |
| Observations:                               | Region:                                | DG   | Water type:  | F                                  | CoGP MA                         |                                 |
| Dead/weak/abnormally behaving fish present? | <input type="text" value="N"/>         | If yes, see additional information/clinical score sheet. |  |                                    |                                 |                                 |
| Clinical signs of disease observed?         | <input type="text" value="N"/>         | If yes, see additional information/clinical score sheet. |  |                                    |                                 |                                 |
| Gross pathology observed?                   | <input type="text" value="N"/>         | If yes, see additional information/clinical score sheet. |  |                                    |                                 |                                 |
| Diagnostic samples taken?                   | <input type="text" value="N"/>         |  |  |                                    |                                 |                                 |

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

**Additional Case Information:**

Site has a "wet" fallowing system where a line of ponds is fallowed synchronously, whole site does not fallow at once due to cycle stocking from hatchery to ponds.

movement records are now maintained in a excel spread sheet rather than the movement book. With a plan to eventually have movement records contained within fish talk.

Site has a written procedure for filling up water from one source for their movements between Moffatt water and new farm. Any movements undertaken that are destined for outside the company are completed by a STB.

2 compatches have been added to the hatchery section of the site for housing imported eggs. 10 indoor tanks are also present in the hatchery for first feeding.

Fish sampled for VMD appeared healthy and in good condition.

Inspection, sampling and paperwork carried out by [REDACTED] supervised by [REDACTED]

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**

|                         |   |                                      |                                     |   |                                 |
|-------------------------|---|--------------------------------------|-------------------------------------|---|---------------------------------|
| Total No facilities     | <input type="text" value="23"/>               | Facilities stocked                   | <input type="text" value="13"/>     | No facilities inspected                 | <input type="text" value="23"/> |
| Species                 | <input type="text" value="trout"/>            | <input type="text" value="trout"/>   | <input type="text" value="trout"/>  |   |                                 |
| Age group               | <input type="text" value="2019 eyed"/>        | <input type="text" value="Feb-19"/>  | <input type="text" value="Jun-18"/> |   |                                 |
| No Fish                 | <input type="text" value="646,680"/>          | <input type="text" value="648,546"/> | <input type="text" value="16,893"/> |   |                                 |
| Mean Fish Wt            | <input type="text" value="0.1g"/>             | <input type="text" value="46g"/>     | <input type="text" value="441g"/>   |   |                                 |
| Next Fallow Date (Site) | <input type="text" value="does not fallow."/> |                                      | Next Input Date (Site)              | <input type="text" value="April 2020"/> |                                 |

Recent (last 4 wks) disease problems?  Any escapes (since last visit)?   
 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?

**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:
- 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, add MRT case and enter on mortality events sheet.

|  |                          |     |
|--|--------------------------|-----|
| 1. Recent treatments (last 4 wks)?             | <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"/> | Y   |
| 5. If yes, what treatment(s)?                  | Floricol                 | TMS |
| If other, detail:                              | <input type="text"/>     |     |
| 6. Are medicines stored appropriately?         | <input type="checkbox"/> | Y   |

**Biosecurity Records**

|  |                          |   |
|--|--------------------------|---|
| 1. Biosecurity records available for inspection?   | <input type="checkbox"/> | Y |
| 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?   | <input type="checkbox"/> | Y |
| 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"/> | 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 <i>how</i> and <i>when</i> that will be notified to Scottish Ministers? | <input type="checkbox"/> | 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)?  | <input type="checkbox"/> | 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.)?            | <input type="checkbox"/> | Y |
| 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?  | <input type="checkbox"/> | Y |
| 8. Have the biosecurity procedures been adequately implemented on site?  | <input type="checkbox"/> | Y |
| If no, detail:   | <input type="text"/>     |   |

**Results of Surveillance**

|   |   |   |
|---|---|---|
| 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"/>                  | Y |
| If yes, detail (if not detailed under recent disease problems).                           | eye fluke found in a few fish- April 2019 |   |

|                          |                     |
|--------------------------|---------------------|
| Records checked between: | 15/03/18-11/11/2019 |
|--------------------------|---------------------|



Case no:  Site No:  Date of visit/  
Sampling:

Priority samples: VI  BA  PA  MG  HI

Time sampling starts/ends:   Inspector:  VMD No.

Environmental conditions: 1  2  3  4  5

Summary samples HIST  BA  MG  VI  PA  Total Samples

**Add Fish/Pools - click**

| Pool/Fish No   | F1                             | F2                             |  |  |  |  |  |  |  |  |  |  |  |
|----------------|--------------------------------|--------------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Fish nos       | F1                             | F2                             |  |  |  |  |  |  |  |  |  |  |  |
| Pool Group     |                                |                                |  |  |  |  |  |  |  |  |  |  |  |
| Species        | RTR                            | RTR                            |  |  |  |  |  |  |  |  |  |  |  |
| Average weight | 441g                           | 441g                           |  |  |  |  |  |  |  |  |  |  |  |
| Sex            | N/A                            | N/A                            |  |  |  |  |  |  |  |  |  |  |  |
| Water Type     | FW                             | FW                             |  |  |  |  |  |  |  |  |  |  |  |
| Stock Details  | Aquasearch - Denmark - Halleso | Aquasearch - Denmark - Halleso |  |  |  |  |  |  |  |  |  |  |  |
|                | Stock Origin                   |                                |  |  |  |  |  |  |  |  |  |  |  |
| Facility No    | Mpch                           | Mpch                           |  |  |  |  |  |  |  |  |  |  |  |



|  |   |                             |        |          |           |             |
|--|---|-----------------------------|--------|----------|-----------|-------------|
| Case Number:   | 2019-0687   | Site No:                    | FS0102 | Insp:    |           |             |
| Date of Visit  | 11/11/2019  | No of movements/supp./dest. |        |          | Score     |             |
| <b>Live fish movements</b>   |   | 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        | 5           |
|  | Frequency of movements on from equivalent zone or compartment including third country             | 0                           | 9      | 18       | 26        | 0           |
|  | Number of suppliers   | 0                           | 5      | 10       | 14        | 5           |
| Movements off  | Frequency of movements off  | 0                           | 3      | 6        | 10        | 10          |
|  | Number of destinations  | 0                           | 3      | 6        | 10        | 3           |
| <b>Exposure via water</b>  | <b>Site contacts</b>  | 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                           |        |          |           | 0           |
|  | Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion   | 1                           | 2      | 4        |           | 1           |
|  | Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion | 1                           | 3      | 6        |           | 0           |
|  | Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion   | 1                           | 4      | 8        |           | 0           |
| <b>Management practices</b>  |   | None                        | Secure | Unsecure |           |             |
| Water contacts with processors   | Any processing plant discharging into adjacent waters   | 0                           | 1      | 2        |           | 0           |
| On farm processing within the rules of the directive                           | No on farm processing   | 0                           |        |          |           | 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                           |        |          |           | 3           |
|  | Collection point for waste from other farms   | 5                           |        |          |           |             |
| Use of unpasteurised feeds   | No feeding of unpasteurised feed  | 0                           |        |          |           | 0           |
|  | Feeding unpasteurised feed  | 5                           |        |          |           |             |
| <b>Biosecurity</b>   | <b>Number of sites</b>  | 1                           | 2 or 3 | ≥ 4      |           |             |
| Contacts with other sites  | Sites operating from single shorebase   | 0                           | 1      | 2        |           | 1           |
|  | Sites sharing staff and equipment   | 0                           | 1      | 2        |           | 1           |
| Disinfection of equipment between sites, use of footbaths etc                  | Yes   | 0                           |        |          |           | 0           |
|  | No  | 1                           |        |          |           |             |
| <b>CoGP/Regulator</b>  |   |                             |        |          |           |             |
| Practices in accordance with regulator or industry code of practice            | Yes   | 0                           |        |          |           | 0           |
|  | No  | 3                           |        |          |           |             |
| Platform access to cages   | Yes   | 0                           |        |          |           | 0           |
|  | No  | 2                           |        |          |           |             |
| <b>Total Rank</b>  |   |                             |        |          | <b>29</b> | <b>HIGH</b> |

Case No: 2019-0687

Site No: FS0102

**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) fallowed 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?  Y
2. Are measures in place to mitigate against the predation experienced on site? (Detail below)  Y

Top nets, otter fencing, mink traps, vermin control, side nets, keeping feed locked away

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)  Y

Site No: FS0102

Case No: 2019-0687

Nature of non-compliance:

Action taken (FHI):

Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology



[REDACTED]  
Selcoth Fisheries Ltd  
Selcoth  
Moffat  
Dumfriesshire  
DG10 9LG  
[REDACTED]

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

|                    |            |                      |              |
|--------------------|------------|----------------------|--------------|
| <b>BUSINESS No</b> | FB0067     | <b>DATE OF VISIT</b> | 11/11/2019   |
| <b>SITE No</b>     | FS0102     | <b>SITE NAME</b>     | Moffat Water |
| <b>INSPECTOR</b>   | [REDACTED] | <b>CASE No</b>       | 20190687     |

#### Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, 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 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.

R04

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 Scotland were available for inspection.

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

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

A batch of ova imported to site from Denmark in march was not recorded in the movement records. This was amended at the time of inspection and records updated accordingly. It was agreed with the site manager that this would be recorded in the future. No further action required.

**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.

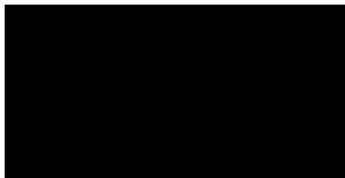
Samples were taken to be analysed for veterinary residues.

**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 assistance or clarification in implementing any requirement or recommendation detailed in this report.



Signed:

Date: 18/11/2019

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)

R04



Case No:  Date of visit:

Time spent on site:  Main Inspector:

Site No:  Site Name:   
 Business No:  Business Name:

Case Types: 1  2  3  4  5  6

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

Observations: Region: OR Water type: S CoGP MA O-2

Dead/weak/abnormally behaving fish present?  If yes, see additional information/clinical score sheet.  
 Clinical signs of disease observed?  If yes, see additional information/clinical score sheet.  
 Gross pathology observed?  If yes, see additional information/clinical score sheet.  
 Diagnostic samples taken?

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

**Additional Case Information:**

Hard to see the fish as they were staying low in the water and water was still with clear bright skies. Did see them come up for feeding and the fish caught for VMD sampling looked in very good condition externally and internally. Sea lice count also witnessed with only 1 Lep. being counted and a total of 8 Caligus counted over 5 fish. Gill scores mainly 0 with the odd fish scoring 2. Caligus levels had gone up during the summer months but never to a level to cause welfare issues.

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**

|                         |  |                    |                                |   |                                |
|-------------------------|--|--------------------|--------------------------------|---|--------------------------------|
| Total No facilities     | <input type="text" value="6"/>         | Facilities stocked | <input type="text" value="6"/> | No facilities inspected                 | <input type="text" value="6"/> |
| Species                 | <input type="text" value="SAL"/>       |                    |                                |   |                                |
| Age group               | <input type="text" value="2019 S1"/>   |                    |                                |   |                                |
| No Fish                 | <input type="text" value="254,080"/>   |                    |                                |   |                                |
| Mean Fish Wt            | <input type="text" value="1.7 kg"/>    |                    |                                |   |                                |
| Next Fallow Date (Site) | <input type="text" value="Jan. 2020"/> |                    | Next Input Date (Site)         | <input type="text" value="April 2020"/> |                                |

Recent (last 4 wks) disease problems?  Any escapes (since last visit)?   
 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?

**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:
- 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, add MRT case and enter on mortality events sheet.

|  |                          |   |
|--|--------------------------|---|
| 1. Recent treatments (last 4 wks)?             | <input type="checkbox"/> | Y |
| If yes, detail:                                | 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"/> | Y |
| 4. Are fish in a withdrawal period?            | <input type="checkbox"/> | Y |
| 5. If yes, what treatment(s)?                  | T.M.S.                   |   |
| If other, detail:                              |                          |   |
| 6. Are medicines stored appropriately?         | <input type="checkbox"/> | Y |

**Biosecurity Records**

|  |                          |   |
|--|--------------------------|---|
| 1. Biosecurity records available for inspection?   | <input type="checkbox"/> | Y |
| 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?   | <input type="checkbox"/> | Y |
| 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"/> | 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 <i>how</i> and <i>when</i> that will be notified to Scottish Ministers? | <input type="checkbox"/> | 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)?  | <input type="checkbox"/> | 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.)?            | <input type="checkbox"/> | Y |
| 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?  | <input type="checkbox"/> | Y |
| 8. Have the biosecurity procedures been adequately implemented on site?  | <input type="checkbox"/> | Y |
| 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"/> | 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).                           |                          |   |

Records checked between: 22/11/2017 - 13/11/2019

Case no:  Site No:  Date of visit/  
Sampling:

Priority samples: VI  BA  PA  MG  HI

Time sampling starts/ends:   Inspector:  VMD No.

Environmental conditions: 1  2  3  4  5

Summary samples HIST  BA  MG  VI  PA  Total Samples

Add Fish/Pools - click

|                |        |               |                |  |  |  |  |  |  |  |  |  |
|----------------|--------|---------------|----------------|--|--|--|--|--|--|--|--|--|
| Pool/Fish No   |        |               |                |  |  |  |  |  |  |  |  |  |
| Fish nos       | 1-3    | 4             |                |  |  |  |  |  |  |  |  |  |
| Pool Group     |        |               |                |  |  |  |  |  |  |  |  |  |
| Species        | SAL    | SAL           |                |  |  |  |  |  |  |  |  |  |
| Average weight | 1.7000 | 1.7000        |                |  |  |  |  |  |  |  |  |  |
| Sex            | N/A    | N/A           |                |  |  |  |  |  |  |  |  |  |
| Water Type     | SW     | SW            |                |  |  |  |  |  |  |  |  |  |
| Stock Details  |        |               |                |  |  |  |  |  |  |  |  |  |
|                |        | Loch of Cliff | Loch Garasdale |  |  |  |  |  |  |  |  |  |
| Stock Origin   |        |               |                |  |  |  |  |  |  |  |  |  |
| Facility No    | 3      | 4             |                |  |  |  |  |  |  |  |  |  |



|  |   |                             |        |          |           |               |
|--|---|-----------------------------|--------|----------|-----------|---------------|
| Case Number:   | 2019-0689   | Site No:                    | FS0645 | Insp:    |           |               |
| Date of Visit  | 13/11/2019  | No of movements/supp./dest. |        |          | Score     |               |
| <b>Live fish movements</b>   |   | 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        | 0             |
|  | Frequency of movements on from equivalent zone or compartment including third country             | 0                           | 9      | 18       | 26        | 0             |
|  | Number of suppliers   | 0                           | 5      | 10       | 14        | 0             |
| Movements off  | Frequency of movements off  | 0                           | 3      | 6        | 10        | 6             |
|  | Number of destinations  | 0                           | 3      | 6        | 10        | 3             |
| <b>Exposure via water</b>  | <b>Site contacts</b>  | 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        |           | 2             |
|  | 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        |           |               |
| <b>Management practices</b>  |   | None                        | Secure | Unsecure |           |               |
| Water contacts with processors   | Any processing plant discharging into adjacent waters   | 0                           | 1      | 2        |           | 1             |
| On farm processing within the rules of the directive                           | No on farm processing   | 0                           |        |          |           | 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                           |        |          |           | 3             |
|  | Collection point for waste from other farms   | 5                           |        |          |           |               |
| Use of unpasteurised feeds   | No feeding of unpasteurised feed  | 0                           |        |          |           | 0             |
|  | Feeding unpasteurised feed  | 5                           |        |          |           |               |
| <b>Biosecurity</b>   | <b>Number of sites</b>  | 1                           | 2 or 3 | ≥ 4      |           |               |
| Contacts with other sites  | Sites operating from single shorebase   | 0                           | 1      | 2        |           | 2             |
|  | Sites sharing staff and equipment   | 0                           | 1      | 2        |           | 0             |
| Disinfection of equipment between sites, use of footbaths etc                  | Yes   | 0                           |        |          |           | 0             |
|  | No  | 1                           |        |          |           |               |
| <b>CoGP/Regulator</b>  |   |                             |        |          |           |               |
| Practices in accordance with regulator or industry code of practice            | Yes   | 0                           |        |          |           | 0             |
|  | No  | 3                           |        |          |           |               |
| Platform access to cages   | Yes   | 0                           |        |          |           | 0             |
|  | No  | 2                           |        |          |           |               |
| <b>Total Rank</b>  |   |                             |        |          | <b>17</b> | <b>MEDIUM</b> |

Case No: **2019-0689**

Site No: **FS0645**

**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) fallowed 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)

**Tensioned Nets, Top Nets, M.M.L., A.D.D.**

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: 2019-0689

Site No: FS0645

Date of Visit: 13/11/2019

Inspector: [REDACTED]

**Point of Compliance**

1. Is the farm under inspection located within a farm management area?

If N, no further questions require completion.

**Points of Compliance for Both Farm Management Agreements and Statements**

2. Has a current farm management agreement or statement (FMAg/S) been prepared?

3. Is the current FMAg/S available for inspection?

4. Does the FMAg/S identify the relevant farm management area?

5. Does the FMAg/S identify the fish farm site(s) to which it applies?

6. Does the FMAg/S identify the date of commencement of the agreement or statement?

7. Does the FMAg/S identify the date of review?

**Arrangements for Fish Health Management**

8. Does the FMAg/S identify the minimum health standards for the stocks to be introduced to the area or farm?

9. Does the FMAg/S identify the vaccination requirements for stocks held in the area or farm?

10. Does the FMAg/S identify the species of fish which may be stocked into the area or farm?

11. Does the FMAg/S identify the maximum stocking density of any pen on any farm in the area or the individual farm?

12. Does the FMAg/S identify the arrangements for the storage and disposal of any dead fish from any fish farm in the area or the individual farm?

**Arrangements for The Management of Sea Lice**

13. Does the FMAg/S identify arrangements for the sharing of data on sea lice numbers and treatments?

14. Does the FMAg/S identify the availability and the use of medicines on farms covered by the agreement of statement?

15. Does the FMAg/S identify any requirements for the sensitivity testing of available treatments for sea lice on farms in the area or individual farms?

16. Does the FMAg/S identify the circumstances under which biological controls and cleaner fish are to be used on farms in the area or individual farms?

17. Does the FMAg/S identify the arrangements for synchronous treatments on farms within the area?

**Live Fish Movements**

18. Does the FMAg/S identify the circumstances when live fish may be introduced or removed from the area or farm?

19. Does the FMAg/S identify the arrangements for the movement of live fish on and off sites in the area or individual farms?

**Harvesting**

20. Does the FMAg/S identify acceptable harvest practices on farms in the area or individual farms?

**Fallowing**

21. Does the FMAg/S identify the dates by which the area or individual farm will be fallow and the earliest date when a farm or area may be restocked?

22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covered by the agreement or statement?

23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?

**Point of Compliance for Farm Management Agreements Only**

24. Does the farm management agreement include arrangements for persons to become, or cease to be, parties to the agreement?

**Management and operation**

25. Is the fish farm being managed and operated in accordance with the agreement or statement?

26. What is the version no/date of issue of the FMAg/S?

Case No: 2019-0689 Site No: FS0645

Date of visit: 13/11/2019 Inspector(s):

| Point for consideration | Risk level | Satisfactory? | Requirement | Comments and advice given or action taken if necessary |
|-------------------------|------------|---------------|-------------|--|
|-------------------------|------------|---------------|-------------|--|

**ENHANCED SEA LICE INSPECTION CHECKLIST**

**a. Inspection of sea lice records**

|  |              |   |  |  |
|--|--------------|---|--|--|
| 1.1 Are sea lice count records available for inspection?   | Medium       | Y | CoGP 1.2.1, 1.2.2, Annex 6<br>SSI 1,2,<br><br>SSI 1,2(g) |  |
| 1.2 Do records adequately reflect the required standard specified in the SSI <sup>1</sup> and the CoGP <sup>2</sup> ?<br>(Counts should be weekly, record the person making the count, date of the count, number of fish sampled (should be 25), pen or facility number recorded, water temperature <sup>3</sup> , number of parasites observed and correct stages recorded <sup>4</sup> ) | Low & Medium | Y |  |  |
| 1.3 Where weekly counts are not conducted is the reason for not conducting the count stated?   | Low          | Y |  |  |
| 1.4 Is that reason considered acceptable by the Inspector? Give detail.  | Low          | Y |  |  |
| 1.5 Has the site experienced sea lice problems in the previous 4 years?  |              | N | Detail if necessary:                                     |  |

**b. Inspection of records relating to treatment and control of sea lice**

|   |        |     |                                 |  |
|---|--------|-----|---------------------------------|--|
| 2.1 Has appropriate action been taken where:<br>a) <i>L. salmonis</i> record levels have been above the suggested criteria for treatment? | High   | N/A | CoGP Annex 6                    | L. salmonis levels have not been above CoGP suggested criteria since last inspection<br>C. elongatus levels have not been at a level to cause welfare problems since last inspection |
| b) <i>C. elongatus</i> infestation is at a level considered to cause significant welfare problems   | High   | N/A | CoGP 4.3.81, 5.3.50             |  |
| 2.2 Is therapeutic treatment initiated ASAP where required?   | Medium | Y   | CoGP 4.3.130, 5.3.84            |  |
| 2.3 Where medicines have been administered there should be a record of:<br>the name / identity of the product                             | High   | N/A | VMD <sup>12</sup> 19<br>SSI 1,3 | All details listed recorded in treatment records but were to treat for AGD   |
| the date of administration  | High   | N/A |                                 |  |
| the quantity (concentration and amount) administered  | High   | N/A |                                 |  |
| the method of administration of the product   | High   | N/A |                                 |  |
| the identification of the fish / facilities treated   | High   | N/A |                                 |  |
| name of the person administering the treatment  | Low    | N/A |                                 |  |
| the withdrawal period   | Medium | N/A |                                 |  |
| 2.4 If the medicine is administered by a veterinary surgeon:<br>the name of the veterinary surgeon  | High   | N/A | VMD 18                          |  |
| name of the product   | High   | N/A |                                 |  |

| Point for consideration  | Risk level | Satisfactory? | Requirement          | Comments and advice given or action taken if necessary |
|--|------------|---------------|----------------------|--|
| batch number   | High       | N/A           |                      |  |
| the date of administration   | High       | N/A           |                      |  |
| amount administered  | High       | N/A           |                      |  |
| identification of fish treated   | High       | N/A           |                      |  |
| withdrawal period  | Medium     | N/A           |                      |  |
| 2.5 Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?   | High       | N/A           |                      |  |
| Inspect records to confirm. Significant impact - ≥50% reduction in site average <i>L.salmonis</i> numbers (all stages)                                       |            |               |                      |  |
| 2.6 If other methods are employed on site to control sea lice and their impact is there a record of:   | Low        | N/A           | SSI, 1,4             |  |
| the nature and date of the method employed; the identification number of all facilities subjected to the method; the name of the person employing the method |            |               |                      |  |
| 2.7 Where medicines have been acquired is there a record of:   |            |               | VMD 19               |  |
| proof of purchase of the medicine concerned  | Medium     | N/A           | VMD 17               |  |
| name of the product  | High       | N/A           |                      |  |
| batch number   | High       | N/A           |                      |  |
| the date of purchase   | Medium     | N/A           |                      |  |
| the quantity purchased   | High       | N/A           |                      |  |
| the name and address of the supplier   | Medium     | N/A           |                      |  |
| 2.8 Where medicines have been disposed is there a record of:   |            |               | VMD 19               |  |
| the date of disposal   | Medium     | N/A           |                      |  |
| the quantity of product involved   | Medium     | N/A           |                      |  |
| how and where it was disposed of   | Medium     | N/A           |                      |  |
| 2.9 Are veterinary health plans available which detail bio-security protocols, preventative measures and treatments in relation to sea lice?                 | Medium     | Y             | CoGP 4.3.129, 5.3.83 |  |
| Consider the following points over a percentage of treatments conducted on site  |            |               |                      |  |
| 2.10 Has the recommended course of treatments been completed?  | Medium     | N/A           | CoGP 4.3.134, 5.3.88 | No treatments have been required                       |
| 2.11 If not, is there a recorded acceptable reason for not completing treatment?   | Medium     | N/A           | CoGP 4.3.135, 5.3.89 |  |
| 2.12 Was advice taken from the Veterinary surgeon in such circumstances?   | Medium     | N/A           | CoGP 4.3.135, 5.3.89 |  |
| 2.13 Are there clear written instructions regarding medicine use, available to those responsible for treatment administration?                               | Medium     | Y             | CoGP 4.3.133, 5.3.87 |  |

| Point for consideration  | Risk level | Satisfactory? | Requirement                       | Comments and advice given or action taken if necessary |
|--|------------|---------------|-----------------------------------|--|
| 2.14 Does the site have treatment discharge consents relevant to sea lice?   |            | Y             | Detail if necessary:              |  |
| <b>c. Inspection of records relating to farm management groups and farm management agreements or statements</b>  |            |               |                                   |  |
| 3.1 Is there a nominated farmer acting as coordinator and point of contact for this farm or area inclusive of this farm?   | Low        | Y             | SSI 1,5,b<br>CoGP 4.3.75, 5.3.44  |  |
| 3.2 Is there a written undertaking that the farm will observe the provisions of the NTS <sup>6</sup> ?   | Low        | Y             | CoGP 4.3.76, 5.3.45               |  |
| 3.3 Has an area group been formed within the area containing the site?   | Medium     | Y             | CoGP 4.3.77, 5.3.46               |  |
| 3.4 Does the remit of the area group have appropriate veterinary involvement? Consider:<br>-agreed basis for monitoring sea lice<br>-coordinated monitoring and treatment<br>-co-operation between participating farms<br><br>This may require follow up investigation conducted off site to determine   | Medium     | Y             | CoGP 4.3.77, 5.3.46<br>SSI 1,5, c |  |
| 3.5 Are records available of any decisions made by the FMG in relation to the prevention, control and reduction of parasites?  | Low        | N/A           | SSI 1, 5, c                       |  |
| 3.6 Where treatments have been administered is this done in accordance with principles to maximise the effectiveness of treatments, promote the minimal use of medicines consistent with the maintenance of high standards of fish welfare and help preserve their efficacy?<br><br>For example, the principles of ISLM include:<br>Resistance monitoring – reporting suspected adverse drug event (SADE) to the VMD.<br>The steps to determine if resistance is considered a reason for a suspected lack of efficacy (e.g. Bio-assay tests and results, seeking veterinary advice)<br>Appropriate discharge consent in place<br>Use of authorized medicines with veterinary instruction and advice as necessary<br>Monitoring lice numbers<br>Using an array of treatments where possible<br>Treating all stocks on site at the same time<br>Avoiding the simultaneous use of different active ingredients<br>Avoiding consecutive treatments of the same active ingredient, and certainly not on the same cohort of lice<br>Routine removal of moribund fish and regular removal of mortalities. | Medium     | N/A           | 4.3.82, 5.3.51                    |  |
| 3.7 Are weekly monitoring results communicated to other farmers within the defined area?   | High       | Y             | CoGP 4.3.78, 5.3.47               |  |

| Point for consideration   | Risk level         | Satisfactory? | Requirement                                       | Comments and advice given or action taken if necessary |
|---|--------------------|---------------|---|--|
| 3.8 Is this done 'as soon as reasonably possible where lice numbers exceed the suggested criteria for treatment?  | High               | Y             | CoGP 4.3.79, 5.3.48                               |  |
| 3.9 Is sea lice data and other information relevant to the management of sea lice provided to the SSPO?   | Low                | Y             | CoGP 4.3.80, 5.3.49                               |  |
| 3.10 Are annual review meetings held by FMA groups to evaluate site performance against set criteria?   | High               | Y             | CoGP 4.3.83, 5.3.52                               |  |
| 3.11 Is there a signed documented farm management agreement or farm management statement relevant to the site and CoGP Farm Management Area (or equivalent)?            |                    | Y             | AFSA <sup>13</sup> 4A<br><br>Detail if necessary: |  |
| 3.12 Are up to date copies of FMS available from other APB operating within the same FMA?   | Medium             | Y             | CoGP 4.3.88, 5.3.57                               |  |
| 3.13 Are significant changes to FMS notified to other companies within the FMA?   | Medium             | Y             | CoGP 4.3.89, 5.3.58                               |  |
| 3.14 Is there co-operation between APB's operating within the FMA in the development and implementation of FMAg?  | Medium             | Y             | CoGP 4.3.90, 5.3.59                               |  |
| 3.15 Are copies of FMS or FMAg available for inspection?  | Medium             | Y             | AFSA 4B   |  |
| 3.16 Does the FMS or FMAg take into account the relevant aspects regarding a sea lice control strategy?   | Medium             | Y             | CoGP 4.3.91, 5.3.60                               |  |
| 3.17 If the FMA has been redefined , is there documented evidence to demonstrate that the risks to health within and outwith the area is not increased by the proposal? | High <sup>10</sup> | N/A           | CoGP 4.3.92, 5.3.61                               |  |
| 3.18 Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?  | High               | N             | CoGP 4.3.100                                      |  |
| 3.19 If answered no to 3.18, then is there a documented risk assessment which meets the requirements of CoGP point 4.3.101?   | High               | Y             | CoGP 4.3.101                                      |  |
| <b>d. Inspection of records relating to training and procedures</b>   |                    |               |   |  |
| 4.1 Is there a training programme or plan in place relevant to sea lice control for the site?   | High               | Y             | CoGP 7.1.8  |  |
| 4.2 Are training records available for relevant staff in relation to:   |                    |               | CoGP 4.1.6, 5.1.6<br>SSI, 1,1                     |  |
| parasite identification   | High               | Y             | CoGP 4.3.84-86,                                   |  |
| counting parasites (procedures for)   | High               | Y             | 5.3.53-55   |  |
| recording counts  | High               | Y             |   |  |
| biology and life cycle of parasites   | Low                | Y             |   |  |
| symptoms of parasite infection in fish  | Low                | Y             |   |  |
| 4.3 Have staff been trained in the administration of treatments?  | High               | Y             | CoGP 4.1.6, 5.1.6<br>CoGP 4.3.84, 5.3.53          |  |

| Point for consideration  | Risk level | Satisfactory? | Requirement                        | Comments and advice given or action taken if necessary |
|--|------------|---------------|------------------------------------|--|
| N.B. there is no legal requirement to maintain a record of this<br><br>Where records exist regarding SOPs and site procedures these should be inspected to confirm suitability   |            |               |                                    |  |
| <b>e. Inspection of site and site stock</b>  |            |               |                                    |  |
| 5.1 Are medicines used, stored and disposed of safely?   | Medium     | Y             | VMD schedule 5                     |  |
| 5.2 Do the sea lice levels observed on stocks reflect sea lice count data?   | High       | Y             |                                    |  |
| Refer to section e) of guidance notes  |            |               |                                    |  |
| 5.3 Does the site appear satisfactory in terms of fish welfare relating to sea lice infestation?   | High       | Y             |                                    |  |
| <b>f. Inspection of farm count procedures</b>  |            |               |                                    |  |
| 6.1 Are pens and fish sampled at random?   | Low        | Y             | CoGP Annex 6, 4.3.84-86, 5.3.53-55 |  |
| 6.2 Have the personnel conducting counts had appropriate training in lice recognition and recording?<br>(Cross reference to training records – Section d)  | High       | Y             |                                    |  |
| 6.3 Can such personnel demonstrate post training competence?   | High       | Y             | CoGP 4.3.85, 5.3.54                |  |
| 6.4 Do the sample sizes and methods of sampling match the CoGP suggested protocol (detailed iii – vii)?<br><br>N.B. Other strategies are acceptable if considered adequate in the control and reduction of sea lice  | Medium     | Y             | Annex 6                            |  |
| 6.5 Is identification and recording of sea lice count information including species and stages observed to be correct?<br><br>Minimum recording requirements within the CoGP and NTS are:<br>for Caligus elongatus all identifiable stages and for Lepeophtheirus salmonis chalimus, mobiles and adult females (with or without egg strings) <sup>11</sup> | High       | Y             | Annex 6                            |  |
| 6.6 Is the transfer of data from field counts to records observed to be satisfactory?  | Medium     | Y             |                                    |  |
| <b>g. Inspection of treatment administration procedures</b>  |            |               |                                    |  |
| 7.1 Are treatments considered to be administered in an appropriate competent manner?<br><br>Consider appropriate use of tarpaulins; completion of medication per prescription, correct concentrations, mixing and administrations, appropriate product used  | High       | N/A           |                                    |  |
| 7.2 Is accurate information provided to the attending veterinary surgeon for dosage calculation?   | High       | N/A           | CoGP 4.3.131, 5.3.85               |  |
| 7.3 Are the fish under consideration being given any other medication, or are they in a withdrawal period for any other medication?  |            | N/A           |                                    |  |

| Point for consideration   | Risk level | Satisfactory? | Requirement          | Comments and advice given or action taken if necessary |
|---|------------|---------------|----------------------|--|
| 7.4 If so, has the prescribing veterinary surgeon been informed of this?  | Medium     | N/A           | CoGP 4.3.132, 5.3.86 |  |
| 7.5 Are clear instructions for medication, dosage and administration communicated to the staff responsible for treatment? | High       | N/A           | CoGP 4.3.133, 5.3.87 |  |

| Additional actions   | Powers  | Comments and advice given or action taken if necessary  |
|--|---|---|
| <b>h. FHI sea lice counts</b><br>If necessary conduct a sea lice count in accordance with the protocol of the CoGP. Indicate where this procedure has been done and make a record of results within the comments box | Power granted under the Act – section 3 (2) (a) | Sea lice count conducted while on site following CoGP protocol. 5 random fish, only AF Leps @ 0.2 per fish and Cal. @ 1.9 per fish spotted. |
| <b>i. Collection of samples</b><br>If necessary collect samples. Indicate if samples have been taken and detail what those samples are and the purpose of their collection   | Power granted under the Act – section 3 (3) (a) |   |
| <b>j. Enforcement Notice.</b><br>If an enforcement notice has been issued then maintain a copy / duplicate and record detail<br><br>Guidance on completing the Enforcement Notice                                    | Power granted under the Act – Section 6 (2)     |   |

[1] Scottish Statutory Instrument – The Fish Farming Businesses (Record Keeping) (Scotland) Order 2008

[2] A Code of Good Practice for Scottish Finfish Aquaculture

[3] Water temperature to be measured at the half way point of the depth of the facility containing the fish, or as close to as possible. For SW cage sites one reading per count may be

[4] Recording requirements:- for *C. elongatus* – all identifiable stages and for *L. salmonis* - mobiles and adult females (with or without egg strings)

[5] Area refers to management area as specified within Part 3 of the industry CoGP or as redefined appropriately

[6] For reference Annex 6 of the CoGP provides the detail of the NTS

[7] FMA = Farm Management Area

[8] FMS = Farm Management Statement

[9] FMAg = Farm Management Agreement

[10] No further action may be required when answering no to this point and yes to 3.18

[11] Legal recording requirements within the SSI stipulate – for *Caligus elongatus*: mobiles; and for *Lepeophtheirus salmonis*: non-gravid mobiles and gravid females.

[12] VMD - The Veterinary Medicines Regulations 2013 (SI 2013 No 2033)

[13] AFSA - Aquaculture and Fisheries (Scotland) Act 2007 (as amended)





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██████████

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

|                    |            |                      |            |
|--------------------|------------|----------------------|------------|
| <b>BUSINESS No</b> | FB0095     | <b>DATE OF VISIT</b> | 13/11/2019 |
| <b>SITE No</b>     | FS0645     | <b>SITE NAME</b>     | Kirk Noust |
| <b>INSPECTOR</b>   | ██████████ | <b>CASE No</b>       | 20190689   |

### ENHANCED SEA LICE INSPECTION

An enhanced sea lice inspection to ascertain the levels of sea lice and for assessing the measures in place for the prevention, control and reduction of sea lice was conducted in accordance with the Aquaculture and Fisheries (Scotland) Act 2007.

The visit consisted of an inspection of records with regards to sea lice, site procedures with regards to sea lice and the provision of advice.

#### **a) Inspection of sea lice records**

The site meets the requirement of current Scottish industry best practice. There were no recommendations made and no further action is required.

#### **b) Inspection of records relating to treatment and control of sea lice**

The site meets the requirement of current Scottish industry best practice. There were no recommendations made and no further action is required.

#### **c) Inspection of records relating to farm management groups and area management agreements.**

The site meets the requirement of current Scottish industry best practice. There were no recommendations made and no further action is required.

**d) Inspection of records relating to training and procedures**

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

**e) Inspection of site and site stock**

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

**f) Inspection of farm count procedures**

An inspection of site staff conducting and recording a sea lice count was carried out This met the requirements of The Fish Farming Business (Record Keeping) (Scotland) Order 2008 and CoGP. No further recommendations or further action required.

**g) Inspection of treatment administration procedures**

Procedures were not inspected as a treatment was not taking place at the time of inspection. However, discussions on procedures with the company correspondent would suggest that the site meets the requirement of current Scottish industry best practice.

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

Signed:



Date: 19/11/2019

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)

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## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

|                    |            |                      |            |
|--------------------|------------|----------------------|------------|
| <b>BUSINESS No</b> | FB0095     | <b>DATE OF VISIT</b> | 13/11/2019 |
| <b>SITE No</b>     | FS0645     | <b>SITE NAME</b>     | Kirk Noust |
| <b>INSPECTOR</b>   | ██████████ | <b>CASE No</b>       | 20190689   |

#### Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, 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 surveillance frequency category of the site was assessed as medium. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every second year. 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 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 Scotland were available for inspection.

R25

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

**Inspection under the Aquaculture and Fisheries (Scotland) Act 2007**

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 4A regarding fish farm management agreements and statements and section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory with regards to fish farm management agreements and statements and containment and escapes.

An enhanced sea lice inspection was conducted. A separate report will be issued in due course.

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

Signed:



Date: 19/11/2019

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)

Case No: 2019-0690 Date of visit: 12/11/2019

Time spent on site: 30 min. Main Inspector: [redacted]

Site No: FS1126 Site Name: Old Pumping Station

Business No: FB0089 Business Name: Orkney Trout Fishing Association

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

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

Observations: Region: OR Water type: F CoGP MA

- Dead/weak/abnormally behaving fish present? If yes, see additional information/clinical score sheet.
- Clinical signs of disease observed? If yes, see additional information/clinical score sheet.
- Gross pathology observed? If yes, see additional information/clinical score sheet.
- Diagnostic samples taken?

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

Site currently fallow so ECI could not be completed

**Additional Case Information:**

Site fallow since 16th March 2019. Unsure exactly when site will be stocked again. Stock never treated so no medicine records kept on site. ECI could not be done as site currently fallow, but full ECI paperwork completed.

Case No: 2019-0690

Site No: FS1126

Date of Visit: 12/11/2019

Inspector(s):

**Registration/Authorisation Details**

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

**Site Details**

|                         |             |                    |                        |                         |   |
|-------------------------|-------------|--------------------|------------------------|-------------------------|---|
| Total No facilities     | 1           | Facilities stocked | 0                      | No facilities inspected | 1 |
| Species                 | fallow      |                    |                        |                         |   |
| Age group               |             |                    |                        |                         |   |
| No Fish                 |             |                    |                        |                         |   |
| Mean Fish Wt            |             |                    |                        |                         |   |
| Next Fallow Date (Site) | site fallow |                    | Next Input Date (Site) | Dec. 2019?              |   |

Recent (last 4 wks) disease problems?  N/A Any escapes (since last visit)?  N/A  
 If yes, detail:

**Movement Records**

- 1. Movement records available for inspection?  Y
- 2. Date of last inspection: 21/11/2017
- 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? Incinerated - on site
- If other detail:
- 3. Mortality records complete and correctly entered?  Y
- 4. Recent mortality (last 4 wks): site been fallow since mid March 2019
- 5. Evidence of recent increased/atypical mortalities?  N
- If yes, facility nos/no mortality per facility/no stock per facility/reason:
- 6. Any other peaks in mortality during period checked?  N
- If yes, detail:
- 7. Have increased (unexplained) mortalities been reported to vet or FHI?  N/A
- If yes, detail action:
- 8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.  N/A



|  |                          |     |
|--|--------------------------|-----|
| 1. Recent treatments (last 4 wks)?             | <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"/> | N/A |
| 3. Are records complete and correctly entered? | <input type="checkbox"/> |     |
| 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"/> | N/A |

**Biosecurity Records**

|  |                          |   |
|--|--------------------------|---|
| 1. Biosecurity records available for inspection?   | <input type="checkbox"/> | Y |
| 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?   | <input type="checkbox"/> | Y |
| 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"/> | 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 <i>how</i> and <i>when</i> that will be notified to Scottish Ministers? | <input type="checkbox"/> | 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)?  | <input type="checkbox"/> | 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.)?            | <input type="checkbox"/> | Y |
| 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?  | <input type="checkbox"/> | Y |
| 8. Have the biosecurity procedures been adequately implemented on site?  | <input type="checkbox"/> | Y |
| If no, detail:   | <input type="text"/>     |   |

**Results of Surveillance**

|   |                          |   |
|---|--------------------------|---|
| 1. Has any animal health surveillance been carried out by, or on behalf of, the business? | <input type="checkbox"/> | N |
| 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"/>     |   |
| <input type="text"/>  |                          |   |

Records checked between:

|  |   |                             |        |          |           |               |
|--|---|-----------------------------|--------|----------|-----------|---------------|
| Case Number:   | 2019-0690   | Site No:                    | FS1126 | Insp:    |           |               |
| Date of Visit  | 12/11/2019  | No of movements/supp./dest. |        |          | Score     |               |
| <b>Live fish movements</b>   |   | 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        | 0             |
|  | Frequency of movements on from equivalent zone or compartment including third country             | 0                           | 9      | 18       | 26        | 0             |
|  | Number of suppliers   | 0                           | 5      | 10       | 14        | 0             |
| Movements off  | Frequency of movements off  | 0                           | 3      | 6        | 10        | 10            |
|  | Number of destinations  | 0                           | 3      | 6        | 10        | 10            |
| <b>Exposure via water</b>  | <b>Site contacts</b>  | 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        |           | 1             |
|  | 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        |           |               |
| <b>Management practices</b>  |   | None                        | Secure | Unsecure |           |               |
| Water contacts with processors   | Any processing plant discharging into adjacent waters   | 0                           | 1      | 2        |           | 0             |
| On farm processing within the rules of the directive                           | No on farm processing   | 0                           |        |          |           | 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                           |        |          |           | 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                           |        |          |           | 0             |
|  | Feeding unpasteurised feed  | 5                           |        |          |           |               |
| <b>Biosecurity</b>   | <b>Number of sites</b>  | 1                           | 2 or 3 | ≥ 4      |           |               |
| Contacts with other sites  | Sites operating from single shorebase   | 0                           | 1      | 2        |           | 0             |
|  | Sites sharing staff and equipment   | 0                           | 1      | 2        |           | 0             |
| Disinfection of equipment between sites, use of footbaths etc                  | Yes   | 0                           |        |          |           | 0             |
|  | No  | 1                           |        |          |           |               |
| <b>CoGP/Regulator</b>  |   |                             |        |          |           |               |
| Practices in accordance with regulator or industry code of practice            | Yes   | 0                           |        |          |           |               |
|  | No  | 3                           |        |          |           | 3             |
| Platform access to cages   | Yes   | 0                           |        |          |           | 0             |
|  | No  | 2                           |        |          |           |               |
| <b>Total Rank</b>  |   |                             |        |          | <b>24</b> | <b>MEDIUM</b> |

Case No: **2019-0690**

Site No: **FS1126**

**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) fallowed 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)

**Rentokil, 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?   
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)



██████████  
Orkney Trout Fishing Association  
Old Pumping Station  
Kirbister Loch  
Orphir, Orkney  
KW17 2RA

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

|                    |            |                      |                     |
|--------------------|------------|----------------------|---------------------|
| <b>BUSINESS No</b> | FB0089     | <b>DATE OF VISIT</b> | 12/11/2019          |
| <b>SITE No</b>     | FS1126     | <b>SITE NAME</b>     | Old Pumping Station |
| <b>INSPECTOR</b>   | ██████████ | <b>CASE No</b>       | 20190690            |

### Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

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.

The biosecurity measures plan for the site was 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.

Signed: ██████████

Fish Health Inspector

Date: 19/11/2019

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at [www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)

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