| FHI 059, Version 13 | | Issued by: FHI | Date of issue: 12/05/2020 | | | |
|---|-----------------|-------------------------------|-------------------------------|--|--|--|
| Case No: 2022-0017 | | | Date of visit: 02/02/2022 | | | |
| Time spent on site: | 3 hrs | Main Inspect | or: | | | |
| Site No: FS0500 | Site Name: | Applecross Smolt Unit | | | | |
| Business No: FB0169 | Business Name: | The Scottish Salmon Compar | ny | | | |
| Case Types: 1 ECI | 2 CNI 3 REP | 4 5 | 6 | | | |
| Water Temp (°C): 9.9 | Thermometer No: | Site | FHI 045 completed | | | |
| Observations: | Region: HI | Water type: F | CoGP MA | | | |
| Dead/weak/abnormally behavin | g fish present? | | rmation/clinical score sheet. | | | |
| Clinical signs of disease observ | ed? | | rmation/clinical score sheet. | | | |
| Gross pathology observed? | | N If yes, see additional info | rmation/clinical score sheet. | | | |
| Diagnostic samples taken? | | IN . | | | | |
| UNI/REG only - if unable to carry out intended visit detail reason below: | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Additional Case Information:

Remote paperwork by 01/02/22. Site inspection carried out by 02/02/2022.

Fish that were transferred on 27/12/2021 and 28/12/2021 to Aird reported a 2.19% post transfer mortality. Further smolts have been transferred as of 12/01/2022 to the SW site Aird.

On 19/01/22, the fish in Stofinfisker stocked tanks 1,2 4 and 6 were noticed to be behaving strangely (loss of equilibrium and coming to the surface). At time of incident water parameters were checked and normal for ammonia, nitrite, CO2, pH, O2, alkalinity and salinity. Monitoring of the stock was increased with staff being on site throughout the whole night. Water samples were taken when the change of behaviour was first noticed and further samples taken during the event. These have been sent away for heavy metals.

20/01/22 - Mortality levels in the 4 affected tanks had increased to 90% and decision was made to euthanise the remaining fish with T.M.S. Fish were sampled for histology showed gill irritation and secondary liver and spleen pathology. Considered to be a toxic irritant to the gills - water quality or water bourne insult considered the cause. No conclusions but hydrogen sulphide thought to be the cause. The effected tanks have been cleaned and the pipes pumped through, Looking for a dead spot in the pipe work or bio filter. This is the 2nd cycle of fish through the site.

Mort removal occurring over two days and are disposed of in bins which are uplifted by Billy Bowie and taken to Dundas Chemicals Dumfries. This is a common process with Applecross site. With the resent increase mortalities, morts have also been collected by Fergusons Transport for disposal at Dundas

Fish in tank 7, Native Hebridean origin, showed similar signs at the time of the event but the mortality levels were far lower. This stock was not euthanised and have since recovered. No lethargic or moribund fish were identified during the site inspection. Mortality levels have greatly reduced post event and were only at 57 (0.018%) fish out of 321,696 at the time of inspection on week 5, 2022 (wb 31/01/2022).

Aquacen was only administered to the stock that perished/were euthanised. Fish remaining on site were not in withdrawal from Aquacen.

APHA were also present at the site inspection following reports by 3rd party.

Site thermometer used to take water temperature for biosecurity reasons.

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|--------------------------|-----------------|------------------|------------------|-----------------|-----------------|---------------|----------------|----------------|
| Case No: | 2022-0017 |] | Site No: | FS0500 | | | | |
| Date of Visit: | | 02/02/2022 | 2 | | Inspector(s): | | | |
| Registration/Autho | | | | | | | | |
| 1. Business/site deta | ails summary | checked by s | site representa | itive? | | | Υ | |
| 2. Changes made to | details? | | | | | | N | j |
| Site Details (includ | e cleaner fis | h for all sec | | | | | | |
| Total No facilities | | 7 | Facilities sto | cked | 2 | No facilities | s inspected | 7 |
| Species | SAL | SAL | | | | | | |
| Age group | 2022 Q1 | 2022 Q2 | | | | | | |
| No Fish | 230,614 | 91,082 | | | | | | |
| Mean Fish Wt | 69g | 15g | | | | | | |
| Next Fallow Date (S | ite) | no plans | | Next Input Da | ate (Site) | ongoing in | put from parr | unit |
| Recent (last 4 wks) | disease probl | ems? | | Y | Any escapes | (since last) | /isit)? | N |
| If yes, detail: | toxic irritatio | n to the gills o | considered wat | ter bourne ins | ult. | | | |
| | | | | | | | | |
| Movement Records | 5 | | | | | | | |
| 1. Movement record | s available fo | r inspection? | | | | | | Y |
| 2. Date of last inspe- | ction: | | | | | | 09/11/2021 | |
| 3. Are records comp | lete and corr | ectly entered | ? | | | | | Y |
| 4. Are movement re | cords availab | le for dead fis | sh and waste? | | | | | Y |
| 5. Are records comp | lete and corr | ectly entered | ? | | | | | Y |
| 6. Are health certific | | • | | able? | | | | N/A |
| | | | | | | | | |
| Transport Records | | | | | | | | |
| 1. Are any movemen | | t by (or on be | half) of the bu | isiness (not us | ing a STB)? | | | N |
| If yes, is there a syst | | | | | _ | | | |
| | | | | | | | | |
| Mortality Records | | | | | | | | |
| 1. Mortality records a | available for i | nspection? | | | | | | Y |
| 2. How are mortalitie | | • | | | Whole fish - | Dundas Che | micals | |
| If other detail: | | | | | | | | |
| 3. Mortality records | complete and | correctly ent | ered? | | | | | Y |
| | | | | 135 401 (37% | b), wk 3: 408,8 | 92 (52 77%) | wk 2: 5 984 | (1 34%) wk |
| 4. Recent mortality (| last 4 wks): | | 1: 26,367 (5. | |)), WK 0. 100,0 | 02 (02.11 70) | , WK 2. 0,00 . | (1.0470), 1111 |
| 5. Evidence of recer | • | atypical morta | | 51 70) | | | | Y |
| If yes, facility nos/no | | * * | | /reason: | | | | |
| Tanks 1,2 4 and 6; 9 | | • | | | | | | |
| 6. Any other peaks in | | | | II 1.IVI.O | | | | Y |
| O. Arry Other peaks in | | | | ank at 7 220// | sitalwook 20/1 | 2/24 6 05% | /site/week 27 | |
| If yes, detail: | tungus issue | S 01/11/21 0 | to 03/01/22 - pe | eak at 1.2270/ | site/week 20/ i | 2/21, 6.95% | /Site/week 21 | /12/21 |
| 7. Have increased (u | (poyplained) | mortalities he | con reported to | vot or EUI2 | | | | V |
| If yes, detail action: | mexplained) | | | | I A | | | |
| 8 Have 'mortality ev | onts' boon re | | anged for 02/0 | | | noot | | |
| | | | | | | | | |

| Treatments and Medicines Records | | | | | | |
|---|--|---|--|--|--|--|
| Recent treatments (see comment)? | | Y | | | | |
| Aquacen | | | | | | |
| and salt for | | | | | | |
| If yes, detail: fungus | | | | | | |
| If other, detail: | | | | | | |
| Medicines records available for inspection? | | Y | | | | |
| Are records complete and correctly entered? | | Y | | | | |
| 4. Are fish in a withdrawal period? | | N | | | | |
| 5. If yes, what treatment(s)? | | | | | | |
| If other, detail: | | | | | | |
| 6. Are medicines stored appropriately? | | Y | | | | |
| | | | | | | |
| Biosecurity Records | | | | | | |
| Biosecurity records available for inspection? | | Y | | | | |
| 2. Has the manner and frequency of mortality removal, rec | ording and safe disposal been considered? | Y | | | | |
| 3. Has the manner and period in which the APB will notify \$ | Scottish Ministers or veterinary professional of any | | | | | |
| increased (unexplained) mortality at the site been included | 1 ? | Y | | | | |
| 4. Has the action that will be taken in the event that the pre | | | | | | |
| is detected been included and how and when that will be r | notified to Scottish Ministers? | Y | | | | |
| 5. Has the health status of aquaculture animals being stocl | ked on the farm site been covered (equal or higher | Y | | | | |
| health status, certification if required)? | • | | | | | |
| | | | | | | |
| 6. Have the husbandry and biosecurity measures impleme | nted between each epidemiological unit to minimise | Y | | | | |
| transmission of disease been covered (movement of staff, | visitors, equipment, live or dead fish etc.)? | | | | | |
| 7. Is documentation available regarding the measures in pl | ace to maintain the physical containment of | Y | | | | |
| aquaculture animals held on site? | | | | | | |
| 8. Have the biosecurity procedures been adequately implei | mented on site? | Y | | | | |
| If no, detail: | | | | | | |
| | | | | | | |
| Results of Surveillance | | | | | | |
| 1. Has any animal health surveillance been carried out by, | or on behalf of, the business? | Y | | | | |
| 2. If yes, are results available for inspection? | | | | | | |
| 3. Any significant results? | | | | | | |
| If yes, detail (if not detailed under recent disease problems |). fungal issues pre 10/1/22. | | | | | |
| toxic irritant to gills 20/1/22 -water bourn insult Gills lamella | r epithelium secondary liver and spleen pathology | | | | | |
| Records checked between: | 1/11/21-1/2/22 | | | | | |

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|--|---|--|----------|------------|---------------|---------|--------------|
| Case Number: | 2022-0017 | | Site No: | FS0500 | | Insp: | |
| Date of Visit | 02/02/2022 | | No of m | ovements/s | supp./dest. | | Score |
| Live fish movements | | | 0 | 1-5 | 6-10 | >10 | |
| Movements on (from out | Frequency of move | ements on from equivalent MS | 0 | 5 | 10 | 14 | 0 |
| with GB) of susceptible species | | ements on from equivalent zone or | 0 | 9 | 18 | 26 | |
| | compartment included Number of supplier | | 0 | | | 14 | |
| Movements off | Frequency of move | | 1 0 | 3 | | 10 | 10 |
| Movements on | Number of destinat | | 0 | | 6 | 10 | 3 |
| Exposure via water | | Site contacts | 5 0 | 1-5 | 6-10 | | |
| Water contacts with other farms (holding species | Farm is protected (disinfection or bore | secure water supply through whole) | 0 | | | | 0 |
| susceptible to same diseases) | farms upstream or | n a coastal zone with category I within 1 tidal excursion | 1 | 2 | 4 | | |
| | farms upstream or | n a coastal zone with category III within 1 tidal excursion | 1 | 3 | 6 | | |
| | | n a coastal zone with category V within 1 tidal excursion | 1 | 4 | 8 | | |
| Management practices | | | None | Secure | Unsecure | | |
| Water contacts with processors | Any processing pla | nt discharging into adjacent waters | 0 | 1 | 2 | | 0 |
| On farm processing within the rules of the directive | No on farm process | | 0 | | | | 0 |
| | Processing own fis | h (re-cycling risk) | 1 | | | | |
| | Processing fish from | m MS of equivalent status | 2 | | | | |
| | Processing fish from | m zone or compartment of | 4 | | | | |
| | Processing fish from | m Category III farm | 8 | | | | |
| | Processing fish from | m Category ∨ farm | 10 | | | | |
| Disposal of fish and fish by- | Site's own waste or | nly processed. | 0 | 1 | | | |
| products | Common processe | s with other farms | 3 | | | | 3 |
| | Collection point for | waste from other farms | 5 | | | | |
| Use of unpasteurised feeds | No feeding of unpa | steurised feed | I 0 | i | | | 0 |
| · | Feeding unpasteur | | 5 | | | | |
| Biosecurity | | Number of sites | 1 | 2 or 3 | ≥ 4 | | |
| Contacts with other sites | Sites operating from | m single shorebase | 0 | 1 | 2 | | 1 |
| | Sites sharing staff | and equipment | 0 | 1 | 2 | | 1 |
| Disinfection of equipment between sites, use of | Yes | | 0 | | | | 0 |
| footbaths etc | No | | 1 | | | | |
| CoGP/Regulator | | | | _ | | | |
| Practices in accordance with regulator or industry | Yes | | 0 | | | | 0 |
| code of practice | No | | 3 | | | | |
| Platform access to cages | Yes | | 0 |] | | | 0 |
| | No | | 2 | 1 | | | |
| | | | | | Total Rank | | 18 MEDIUM |
| | | | | | I VALIA | | INLEDIGINI |

| FHI 059, Version 13 | Issued by: FHI | Date of issue: 12/05/2020 |
|---|--|------------------------------------|
| Case No: 2022-0017 | Site No. | FS0500 |
| Sea Lice Inspection (Seawater Sites Only |) | |
| 1. Has the site experienced sea lice problem | ns in the previous 4 years? | |
| 2. Is the CoGP Farm Management Area (or | equivalent) fallowed synchronously on a single | e year class basis? |
| _ | cenced in-feed and bath sea lice medications (s well as access to suitable biological and/or me od of time? | |
| 4. Is there a signed documented farm mana Management Area (or equivalent)? | gement agreement or statement relevant to the | e site and CoGP Farm |
| Are sea lice count records available for in Do records adequately reflect the required | spection? (Legal SSI, CoGP Annex 6) d standard specified in the SSI and the CoGP? | (Legal SSI, CoGP Annex 6) |
| 7. Are sea lice (<i>L. salmonis</i>) record levels b records are inspected? (CoGP Annex 6) | elow the suggested criteria for treatment in the | CoGP during the period that |
| 8. Have average adult female sea lice (L . sa 2 or above (from w/b 10/6/19) during the per | almonis) numbers per fish been at a level of 3 criod that records are inspected? | or above (prior to w/b 10/6/19) or |
| If yes, have these been reported to the Fish | Health Inspectorate? If no, FHI see comment. | |
| 9. Is C. elongatus infestation at a level whic | h is considered to cause significant welfare pro | blems? (CoGP 4.3.81, 5.3.50) |
| * | nistered or other actions taken when L. salmoni elongatus is considered to have welfare implic | |
| 11. Has any other action been taken (where | applicable)? | |
| 12. Have therapeutic treatments or the action | ns taken had a significant impact upon the lice | levels recorded? |
| 13. Are treatments, where conducted, carrie | d out in cooperation between participating farm | ns? |
| 14. Is there a harvesting strategy for the site sea lice? | , where fewer populations or part populations a | are held without treatment for |
| 15. Is there a site specific written lice managescenarios during the escalation of a sea lice | gement procedure with waypoints describing se infestation? | at actions to deal with recognised |
| 16. Do the sea lice levels observed on stock | s reflect sea lice count data? If no please detai | il reasons. |
| | | |
| Containment Inspection | | |
| • | age due to predators in the current or previous | production cycles? |
| 2. Are measures in place to mitigate against | the predation experienced on site? (Detail belo | DW) |
| Inside, Pest | | |
| If other, detail below: | | |
| | | _ |
| • | reperienced on or in the vicinity of the site since | the last FHI inspection? |
| If Yes proceed with questions 4 – 9. If No sk | | |
| 4. Have these been reported to Scottish Min | | - 4.4=> |
| • | forthwith (where they exist)? (CoGP – 4.4.37, 5 | |
| 6. Have these been reported to the SSPO a | nd local fisheries trusts forthwith (where they ex | xist)? (CoGP = 4.4.37, 5.4.17) |
| 7. Were methods (if any) used to recover es | capees? If yes give detail | |
| O If all note were deployed was this astimus | agrood with local wild fish interests and we | rmission divon by Coeffich |
| Ministers? (Legal, CoGP – 4.4.38, 5.4.18) | agreed with local wild fish interests and was pe | |
| | nimise the risk of further escapes? (Not covered | d in code but could |
| be considered under satisfactory measured | • | |
| 10. Is the site inspected as satisfactory with | regards to containment? If no, please detail rea | ason(s) Y |
| | | |
| | | |

| | | _ | | | | _ | | |
|-----------------|--|----------|----------------------|----------------|----------------|---------|------|----------------------|
| Case No: | 2022-0017 | | | Date of visit: | 02/02/2022 |] | | |
| Site No: | FS0500 | ı | | Inspector: | | | | |
| Che 110. | 1 00000 | | | mapeotor. | | | | |
| Results Summary | Freq. | | | | te of Notifica | | | |
| | | Database | Insp | Phone | Insp | Writing | Insp | 2 nd Insp |
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| Report Summary | | | | | | | | |
| Case Type | Date | Insp | 2 nd Insp | | | | | |
| ECI, CNI, REP | 03/02/2022 | | | | | | | |
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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0169 Date of Visit 02/02/2022

SITE NO FS0500 SITE NAME Applecross Smolt Unit

CASE NO 20220017 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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.

The inspection was conducted in conjunction with a veterinary officer from the Animal Plant Health Agency (APHA). A separate report will be issued by APHA.

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.

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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



The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

| FHI 059, Version 13 | lss | sued by: FHI | Date of issue: 12/05/2020 | | | |
|--|------------------------------|--|---------------------------|--|--|--|
| Case No: 2022-0018 | | | Date of visit: 07/02/2022 | | | |
| Time spent on site: | 1hr | Main Inspec | ctor: | | | |
| Site No: FS0831 Business No: FB0108 | Site Name: Business Name: | Mill Burn (Old Mill) Kintail Hatchery | | | | |
| Case Types: 1 ECI | 2 CNI 3 | 4 5 | 6 | | | |
| Water Temp (°C): 8.1 | Thermometer No: | Site | FHI 045 completed | | | |
| Observations: | Region: HI | Water type: F | CoGP MA | | | |
| Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? N/A If yes, see additional information/clinical score sheet. N/A If yes, see additional information/clinical score sheet. N/A N/A | | | | | | |
| UNI/REG only - if unable to carry out intended visit detail reason below: | | | | | | |
| | | | | | | |
| | | | | | | |

Additional Case Information:

Remote inspection on 01/02/2022 with , observed by

Trial from Aquagen Holywood (85,000 ova) - input 22/01/2022 not successful, very soft eggs upon arrival, 6% mortality before culling all ova. Ova then replaced with another batch delivered in week 5, performing well so far.

Stofnfiskur, Iceland stock input 27/01/2022

Site inspection carried out on 07/02/2022 by , supervised by . No issues observed on site.

Water temperature taken from site thermometer for biosecurity reasons.

| Case No: 2022-0018 Site No: FS0831 | | | | | | | |
|--|------|--|--|--|--|--|--|
| | | | | | | | |
| Date of Visit: 07/02/2022 Inspector(s): | | | | | | | |
| Registration/Authorisation Details | | | | | | | |
| Business/site details summary checked by site representative? Y | | | | | | | |
| 2. Changes made to details? | | | | | | | |
| Site Details (include cleaner fish for all sections) | | | | | | | |
| Total No facilities | | | | | | | |
| Species SAL | | | | | | | |
| Age group Ova | | | | | | | |
| No Fish 1,885,000 | | | | | | | |
| Mean Fish Wt <1g | | | | | | | |
| Next Fallow Date (Site) June/July 2022 Next Input Date (Site) January 2023 | | | | | | | |
| Recent (last 4 wks) disease problems? N Any escapes (since last visit)? | N | | | | | | |
| If yes, detail: | | | | | | | |
| 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? | Y | | | | | | |
| 2. How are mortalities disposed of? Incinerated - on site | | | | | | | |
| 3. Mortality records complete and correctly entered? | Y | | | | | | |
| 4. Recent mortality (last 4 wks): 22 - 31/01/2022 1.28% | | | | | | | |
| 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: | 11/1 | | | | | | |
| Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet. | N/A | | | | | | |

| Treatments and Medicines Records | N. |
|--|-----|
| 1. Recent treatments (see comment)? | IN |
| If yes, detail: If other, detail: | |
| 2. Medicines records available for inspection? | V |
| 3. Are records complete and correctly entered? | Ÿ |
| 4. Are fish in a withdrawal period? | N/A |
| 5. If yes, what treatment(s)? | • |
| If other, detail: | |
| 6. Are medicines stored appropriately? | Y |
| Discounties Bosonies | |
| Biosecurity Records | V |
| Biosecurity records available for inspection? | Y |
| 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered? | ī |
| 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? | V |
| 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? | Y |
| 5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher | Y |
| 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 | Y |
| etc.)? | |
| 7. Is documentation available regarding the measures in place to maintain the physical containment of | Y |
| aquaculture animals held on site? | |
| 8. Have the biosecurity procedures been adequately implemented on site? If no, detail: | 1 |
| II 110, detail. | |
| Results of Surveillance | |
| 1. Has any animal health surveillance been carried out by, or on behalf of, the business? | Y |
| 2. If yes, are results available for inspection? | Y |
| 3. Any significant results? | N |
| If yes, detail (if not detailed under recent disease problems). | |
| 101/00/0000 04/00/0000 | |
| Records checked between: 124/02/2020 - 01/02/2022 | |

| FHI 059, Version 13 | | Issued by: FHI | | | Date of | of issue: | 12/05/2020 |
|--|-------------------------------------|---|----------|------------|-------------|-----------|------------|
| Case Number: | 2022-0018 | | Site No: | FS0831 | | Insp: | |
| Date of Visit | 07/02/2022 | | No of m | ovements/s | supp./dest. | | Score |
| Live fish movements | | | 0 | 1-5 | 6-10 | >10 | |
| Movements on (from out | Frequency of m | novements on from equivalent MS | C | 5 | 10 | 14 | 0 |
| with GB) of susceptible species | | novements on from equivalent zone or | C | 9 | 18 | 26 | Q |
| | Number of sup | ocluding third country | 0 | | | 14 | 5 |
| Movements off | Frequency of m | | | | | 10 | 10 |
| Movements on | Number of desi | | C | | | 10 | 3 |
| Exposure via water | | Site contacts | 0 | 1-5 | 6-10 | | |
| Water contacts with other farms (holding species | Farm is protect disinfection or b | ed (secure water supply through porehole) | C | | | | |
| susceptible to same diseases) | | or in a coastal zone with category I n or within 1 tidal excursion | 1 | 2 | 4 | | 1 |
| | | or in a coastal zone with category III or within 1 tidal excursion | 1 | 3 | 6 | | |
| | | or in a coastal zone with category V n or within 1 tidal excursion | 1 | 4 | 8 | | |
| Management practices | | | None | Secure | Unsecure | | |
| Water contacts with processors | Any processing | plant discharging into adjacent waters | С |) 1 | 2 | | 0 |
| On farm processing within the rules of the directive | No on farm pro | cessing | С | | | | 0 |
| are rules of the unconve | Processing own | n fish (re-cycling risk) | 1 | | | | |
| | Processing fish | from MS of equivalent status | 2 | | | | |
| | Processing fish equivalent statu | from zone or compartment of us | 4 | l . | | | |
| | | from Category III farm | 8 | 3 | | | |
| | Processing fish | from Category ∨ farm | 10 |) | | | |
| Disposal of fish and fish by- | Site's own was | te only processed. | C | | | | 0 |
| products | Common proce | esses with other farms | 3 | 3 | | | |
| | Collection point | t for waste from other farms | 5 | 5 | | | |
| Use of unpasteurised feeds | No feeding of u | inpasteurised feed | C |) | | | 0 |
| | Feeding unpas | teurised feed | 5 | 5 | | | |
| Biosecurity | | Number of sites | 1 | 2 or 3 | ≥4 | | |
| Contacts with other sites | Sites operating | from single shorebase | C | 1 | 2 | | 0 |
| | Sites sharing st | taff and equipment | C | 1 | 2 | | 0 |
| Disinfection of equipment | Yes | | C |) | | | 0 |
| between sites, use of footbaths etc | No | | 1 | | | | |
| CoGP/Regulator | | | | _ | | | |
| Practices in accordance with regulator or industry | Yes | | C | | | | 0 |
| code of practice | No | | 3 | 3 | | | |
| Platform access to cages | Yes | | | | | | 0 |
| | No | | 2 | | | | |
| | | | | | Total | | 28 |
| | | | | | Rank | | HIGH |

| FHI 059, Version 13 | Issued by: FHI | | Date of issue: 12/05/2020 |
|---|---|-------------------------------|---------------------------|
| Case No: 2022-0018 | Si | te No: FS0831 | |
| Sea Lice Inspection (Seawater Sites Only) | | | |
| Has the site experienced sea lice problems | in the previous 4 years? | | |
| 2. Is the CoGP Farm Management Area (or ed | • | single year class basis? | |
| 3. Does the site have access to a range of lice | | | in, |
| azamethiphos and emamectin benzoate) as v can these be deployed in a reasonable period | well as access to suitable biological and | | |
| 4. Is there a signed documented farm manage Management Area (or equivalent)? | ement agreement or statement relevant | to the site and CoGP Farm | n |
| 5. Are sea lice count records available for insp | pection? (Legal SSI, CoGP Annex 6) | | |
| 6. Do records adequately reflect the required | standard specified in the SSI and the C | oGP? (Legal SSI, CoGP A | nnex 6) |
| 7. Are sea lice (<i>L. salmonis</i>) record levels bel records are inspected? (CoGP Annex 6) | ow the suggested criteria for treatment | in the CoGP during the per | riod that |
| 8. Have average adult female sea lice (<i>L. salr.</i> 2 or above (from w/b 10/6/19) during the period | | of 3 or above (prior to w/b | 10/6/19) or |
| If yes, have these been reported to the Fish H | lealth Inspectorate? If no, FHI see com | ment. | |
| 9. Is C. elongatus infestation at a level which | is considered to cause significant welfa | re problems? (CoGP 4.3.8 | 1, 5.3.50) |
| 10. Have therapeutic treatments been adminissuggested criteria for treatment or where <i>C. e</i> | | | |
| 11. Has any other action been taken (where a | pplicable)? | | |
| 12. Have therapeutic treatments or the actions | s taken had a significant impact upon tl | ne lice levels recorded? | |
| 13. Are treatments, where conducted, carried | out in cooperation between participating | g farms? | |
| 14. Is there a harvesting strategy for the site, sea lice? | where fewer populations or part popula | tions are held without treat | ment for |
| 15. Is there a site specific written lice manage scenarios during the escalation of a sea lice in | | ing set actions to deal with | recognised |
| 16. Do the sea lice levels observed on stocks | reflect sea lice count data? If no please | e detail reasons. | |
| | | | |
| Containment Inspection | | | |
| 1. Has the site experienced equipment damage | ge due to predators in the current or pre | vious production cycles? | N |
| 2. Are measures in place to mitigate against t | he predation experienced on site? (Det | ail below) | Υ |
| Site inside. One | | | |
| If other, detail below: | | | |
| Have escape incidents or events been exp | erienced on or in the vicinity of the site | since the last FHI inspection | on? N |
| If Yes proceed with questions 4 - 9. If No skip | to question 10 | | |
| 4. Have these been reported to Scottish Minis | ters? | | |
| 5. Have these been reported to local DSFB fo | rthwith (where they exist)? (CoGP - 4. | 4.37, 5.4.17) | |
| 6. Have these been reported to the SSPO and | d local fisheries trusts forthwith (where t | hey exist)? (CoGP - 4.4.37 | 7, 5.4.17) |
| 7. Were methods (if any) used to recover esca | apees? If yes give detail | | |
| 0.16-111-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1- | | | -44'-1- |
| 8. If gill nets were deployed was this action ag Ministers? (Legal, CoGP – 4.4.38, 5.4.18) | | | ottish |
| 9. What action was taken to prevent and mining | | overed in code but could | |
| be considered under satisfactory measur 10. Is the site inspected as satisfactory with re | | tail reason(s) | Y |
| | | (-) | |
| | | | |

| | | _ | | | | | | |
|-----------------------------------|--|----------|----------------------|----------------|-----------------|---------|------|----------------------|
| Case No: | 2022-0018 | | | Date of visit: | 07/02/2022 | | | |
| Site No: | FS0831 | 1 | | Inanastar | | | | |
| Sile No. | F30631 | | | Inspector | | | | |
| Results Summary | Freq. | | | Da | ite of Notifica | ition | | |
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| Report Summary Case Type ECI, CNI | | | | | | | | |
| Case Type | Date | Insp | 2 nd Insp | | | | | |
| ECI, CNI | 11/02/2022 | | | | | | | |
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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0108 Date of Visit 07/02/2022

SITE NO FS0831 SITE NAME Mill Burn (Old Mill)

Case No 20220018 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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.

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.

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

Medicine records were inspected and found to be adequately maintained.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 11/02/2022
Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

| FHI 059, Version 13 | Iss | ued by: FHI | Date of issue: 12/05/2020 | | | | |
|--|------------------------------|--------------------------------|---------------------------|--|--|--|--|
| Case No: 2022-0019 | | | Date of visit: 08/02/2022 | | | | |
| Time spent on site: | nrs | Main Inspecto | or: | | | | |
| Site No: FS0245 Business No: FB0119 | Site Name: Business Name: | Ardintoul Mowi Scotland Ltd | | | | | |
| Case Types: 1 ECI 2 | 2 CNI 3 SLI | 4 VMD 5 | 6 | | | | |
| Water Temp (°C): 8.4 | Thermometer No: | T148 | FHI 045 completed | | | | |
| Observations: | Region: HI | Water type: S | CoGP MA M-21 | | | | |
| Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? Y If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. | | | | | | | |
| UNI/REG only - if unable to carry | out intended visit detail re | ason below: | | | | | |
| | | | | | | | |
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Additional Case Information:

Remote inspection on 02/02/22 by , observed by and and

SAL Stofnfiskur stock from Lochailort hatchery. WRS all wild sourced from Ireland, England and Scotland. LUM (farmed) from Anglesey (Ocean Matters).

Increased mortalities reported weekly since December 2021 due to SRS and complex gill disease. SRS treated with antibiotic and no longer detected. Complex gill issues persist, although mortalities are decreasing.

H2O2 - 05/01/2022 partially treated site (2 pens) then encountered high mortalities and stopped treating site.

Sea lice treatments carried out are site specific, not in conjunction with other farms in the FMS.

Site inspection carried out on 08/02/2022 by , observed by . VMD sampling done by , observed by . The main fish population was feeding deep in the water column and 3 moribunds in total were observed. These were brought into the lab for examination but no clinical signs were observed. The fish sampled for the VMD looked healthy both externally and internally.

| FHI 059, Version 13 | | _ | Iss | sued by: FHI | | | Date of issu | e: 12/05/2020 |
|-------------------------|-----------------|---------------|------------------|------------------|-----------------|---|--------------|---------------|
| Case No: | 2022-0019 |] | Site No: | FS024 | 5 | | | |
| Date of Visit: | | 08/02/20 |)22 | | Inspector(s |): | | ı |
| Registration/Author | risation Det | ails | | | | | | |
| 1. Business/site deta | ails summary | checked b | y site represen | ntative? | | | Υ | |
| 2. Changes made to | details? | | | | | | Y | j |
| Site Details (includ | le cleaner fis | sh for all se | ections) | | | | | |
| Total No facilities | | 12 | Facilities st | tocked | 11 | No facilitie | s inspected | 12 |
| Species | SAL | LUM | WRA | | | | T | |
| Age group | 2021 Q1 | N/A | Wild | _ | 1 | _ | | |
| No Fish | 652,788 | 47,293 | 43,400 | | | | | |
| Mean Fish Wt | 2.1 kg | 250g | 200g | | | | | |
| Next Fallow Date (S | | Septembe | | Next Input D | ate (Site) | January 2 | 023 | |
| Recent (last 4 wks) | • | | J. LULL | _ | _ ` ′ | es (since last | | N |
| If yes, detail: | | | 25 (from early) | December, trea | | * | | IN |
| ii yes, detaii. | Complex gil | i issues, oi | (I clin early | December, trea | ited with anti- | notic, no long | ei present). | |
| Movement Records | e | | | | | | | |
| Movement record | _ | or inspection | n? | | | | | Y |
| 2. Date of last inspe | | i ilispectio | | | | | 27/07/2021 | |
| 3. Are records comp | | cotly ontor | nd2 | | | | 21/01/2021 | V |
| 4. Are movement re | | • | | -2 | | | | |
| | | | | 3 | | | | ı |
| 5. Are records comp | | • | | | | | | ĭ |
| 6. Are health certific | ates for intro | ductions (o | utwith GB) ava | illable? | | | | Y |
| Transport Records | ; | | | | | | | |
| 1. Are any movemen | nts carried oເ | ut by (or on | behalf) of the b | business (not us | sing a STB)? | | | N |
| If yes, is there a sys | | | • | • | _ | | | |
| Mortality Records | | | | | | | | |
| Mortality records | available for i | increation? | , | | | | | |
| 2. How are mortalities | | | | | Other (deta | SIIV | | |
| If other detail: | | | | Dille Davia f | \ | , | | |
| | | | | ng Billy Bowie f | or whole fish | removal. | | |
| 3. Mortality records | complete and | a correctly e | | 0.704 (0.740()) | 10001 | | 2000 (0.700 | ())) (|
| | | | | 9,704 (8.74%) H | | | | * 1 |
| 4. December montality | last 4 volca). | | | 4%), Week 4: 1 | • | * | * * * | Cleanerfish |
| 4. Recent mortality (| • | | | ast 4 weeks: 10 | ,793 (11.89% | b) (peroxide ti | reatment) | |
| 5. Evidence of recer | | • • | | | | | | I |
| If yes, facility nos/no | | • | | • | | | | |
| On-going mortalities | | | | of December 20 | 021 - all repo | rted to FHI. | | |
| 6. Any other peaks i | n mortality di | uring period | cnecked? | | | | | N |
| If yes, detail: | | | | | | | | |
| 7. Have increased (| unexplained) | mortalities | been reported | to vet or FHI? | | | | N/A |
| If yes, detail action: | | | | | | | | |
| 8. Have 'mortality ev | ents' been re | eported to F | HI? If no. ente | r details on mo | rtality events | sheet. | | Y |

| Treatments and Medicines Records | | | | | | | | | |
|--|---|--------|--|--|--|--|--|--|--|
| 1. Recent treatments | nts (see comment)? | Y | | | | | | | |
| | H2O2, T.M.S., Oxytetracycl | | | | | | | | |
| If yes, detail: | ine | | | | | | | | |
| If other, detail: | | | | | | | | | |
| 2. Medicines records | ds available for inspection? | Y | | | | | | | |
| • | nplete and correctly entered? | Y | | | | | | | |
| 4. Are fish in a withd | · | Y | | | | | | | |
| 5. If yes, what treatm | tment(s)? T.M.S., Oxytetracycline | | | | | | | | |
| If other, detail: | | | | | | | | | |
| 6. Are medicines sto | tored appropriately? | Y | | | | | | | |
| Biosecurity Records 1. Biosecurity records available for inspection? Y | | | | | | | | | |
| • | r and frequency of mortality removal, recording and safe disposal been considered? | Y | | | | | | | |
| | r and period in which the APB will notify Scottish Ministers or veterinary professional of a | unv | | | | | | | |
| | lained) mortality at the site been included? | Y | | | | | | | |
| | hat will be taken in the event that the presence or suspicion of the presence of a listed d | isease | | | | | | | |
| | included and how and when that will be notified to Scottish Ministers? | Y | | | | | | | |
| | status of aquaculture animals being stocked on the farm site been covered (equal or high | her Y | | | | | | | |
| ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | | | | | |
| | ndry and biosecurity measures implemented between each epidemiological unit to minir sease been covered (movement of staff, visitors, equipment, live or dead fish etc.)? | nise Y | | | | | | | |
| 7. Is documentation | n available regarding the measures in place to maintain the physical containment of | Y | | | | | | | |
| aquaculture animals | ils held on site? | | | | | | | | |
| | curity procedures been adequately implemented on site? | Y | | | | | | | |
| If no, detail: | | | | | | | | | |
| | | | | | | | | | |
| Results of Surveilla | | | | | | | | | |
| • | health surveillance been carried out by, or on behalf of, the business? | Y | | | | | | | |
| | ts available for inspection? | Y | | | | | | | |
| 3. Any significant res | | IN | | | | | | | |
| ii yes, detaii (ii not de | detailed under recent disease problems). | | | | | | | | |
| F | Records checked between: 27/07/2021 - 02/02/2022 | | | | | | | | |
| | Trong dicored between. | | | | | | | | |

| | HI 059, Version 13 | | | | | | | 155 | uea by: I | ГПІ | | | |
|---------------|----------------------------|-----------|---|----------|------|--------|----------|-----|-----------------|----------|--------|-------------|-------|
| | Case no: | 2022-00 | 019 | Site No: | | FS0245 | | | Date of Samplin | | 08/0 | 02/2022 | 08/0 |
| | Priority samples: | VI | | ВА | | PA | | MG | | g. HI | | 1 | |
| | Time sampling starts/ends: | 12:0 | 0:00 | 12:3 | 0:00 | l | Inspecto | or: | | | VMD No | o. | 10 |
| | Environmental conditions: | 1 | Indoors | 2 | | 3 | | 4 | | 5 | | | |
| | Summary samples | HIST | | ВА | | MG | | VI | | PA | | Total Sa | mples |
| A | dd Fish/Pools - click | | | | | | | | | | | | |
| | | 4 | 0 | | | | | | | | | | |
| | Fish nos | 1 | 2 | | | | | | | | | | |
| | Pool Group | CAL | CAL | | | | | | | | | | |
| | Species | SAL | SAL | | | | | | | | | | |
| | Average weight | | 2.1000 | | | | | | | | | | |
| | Sex Water Type | N/A SW | N/A SW | | | | | | | | | | |
| | Water Type | 300 | 3// | | | | | | | | | | |
| Stock Details | | | Cochailort Recirculation Hatchery | | | | | | | | | | |
| Ċ. | Facility No | 6 | 8 | | | | | | | | | | |

| | | | | | | | | | | | , | | |
|---------|--------------------------|---------|-----------|---------|---|---|--|--|--|--|---|--|--|
| 02/2022 | Addition | nal Sam | ple Infor | mation: | | | | | | | | | |
| | | | | | | | | | | | | | |
| 0 | ı | Total T | octo acc | ianed | Λ | 1 | | | | | | | |
| U | 0 Total Tests assigned 0 | | | | | | | | | | | | |
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| FHI 059, Version 13 | | Issued by: FHI | | | Date of | of issue: | : 12/05/2020 |
|--|--|---|----------|------------|-------------|-----------|--------------|
| Case Number: | 2022-0019 | | Site No: | FS0245 | | Insp: | |
| Date of Visit | 08/02/2022 | | No of m | ovements/s | supp./dest. | | Score |
| Live fish movements | | | 0 | 1-5 | 6-10 | >10 | |
| Movements on (from out | Frequency of m | novements on from equivalent MS | C | 5 | 10 | 14 | |
| with GB) of susceptible species | | novements on from equivalent zone or | C | 9 | 18 | 26 | 9 |
| | Number of sup | ocluding third country | 0 | | | 14 | 5 |
| Movements off | Frequency of m | | | | | 10 | 10 |
| Movements on | Number of desi | | C | | | 10 | 3 |
| Exposure via water | | Site contacts | 0 | 1-5 | 6-10 | | |
| Water contacts with other farms (holding species | Farm is protect disinfection or b | ed (secure water supply through porehole) | С |) | | | |
| susceptible to same diseases) | | or in a coastal zone with category I n or within 1 tidal excursion | 1 | 2 | 4 | | 2 |
| | | or in a coastal zone with category III or within 1 tidal excursion | 1 | 3 | 6 | | |
| | | or in a coastal zone with category V n or within 1 tidal excursion | 1 | 4 | 8 | | |
| Management practices | | | None | Secure | Unsecure | | |
| Water contacts with processors | Any processing | plant discharging into adjacent waters | C |) 1 | 2 | | 0 |
| On farm processing within the rules of the directive | No on farm pro | cessing | C | | | | 0 |
| and rules of the directive | Processing own | n fish (re-cycling risk) | 1 | | | | |
| | Processing fish | from MS of equivalent status | 2 | | | | |
| | Processing fish equivalent statu | from zone or compartment of us | 4 | l . | | | |
| | Processing fish from Category III farm | | | 3 | | | |
| | Processing fish | from Category V farm | 10 |) | | | |
| Disposal of fish and fish by- | Site's own was | te only processed. | C | | | | |
| products | Common proce | esses with other farms | 3 | 3 | | | 3 |
| | Collection point | t for waste from other farms | 5 | 5 | | | |
| Use of unpasteurised feeds | No feeding of u | inpasteurised feed | 0 | | | | 0 |
| | Feeding unpas | teurised feed | 5 | 5 | | | |
| Biosecurity | | Number of sites | 1 | 2 or 3 | ≥4 | | |
| Contacts with other sites | Sites operating | from single shorebase | C | 1 | 2 | | 1 |
| | Sites sharing st | taff and equipment | C | 1 | 2 | | 1 |
| Disinfection of equipment between sites, use of | Yes | | C |) | | | 0 |
| footbaths etc | No | | 1 | | | | |
| CoGP/Regulator | | | | _ | | | |
| Practices in accordance with regulator or industry | Yes | | 0 |) | | | 0 |
| code of practice | No | | 3 | 3 | | | |
| Platform access to cages | Yes | | | | | | 0 |
| | No | | 2 | | | | |
| | | | | | Total | | 34 |
| | | | | | Rank | | HIGH |

| FHI 059, Version 13 | Issued by: FHI | Date of issue: 12/05/2020 |
|---|--|-----------------------------------|
| Case No: 2022-0019 | Site No: | FS0245 |
| Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems 2. Is the CoGP Farm Management Area (or ed) | in the previous 4 years? quivalent) fallowed synchronously on a single y | N year class basis? |
| 3. Does the site have access to a range of lice | enced in-feed and bath sea lice medications (in well as access to suitable biological and/or med | cluding deltamethrin, |
| 4. Is there a signed documented farm manage Management Area (or equivalent)? | ement agreement or statement relevant to the s | site and CoGP Farm Y |
| Are sea lice count records available for insp Do records adequately reflect the required s | pection? (Legal SSI, CoGP Annex 6) standard specified in the SSI and the CoGP? (I | Legal SSI, CoGP Annex 6) |
| 7. Are sea lice (<i>L. salmonis</i>) record levels belorecords are inspected? (CoGP Annex 6) | ow the suggested criteria for treatment in the C | oGP during the period that |
| 8. Have average adult female sea lice (L . saln 2 or above (from w/b 10/6/19) during the period | nonis) numbers per fish been at a level of 3 or d that records are inspected? | above (prior to w/b 10/6/19) or N |
| If yes, have these been reported to the Fish H 9. Is <i>C. elongatus</i> infestation at a level which | ealth Inspectorate? If no, FHI see comment. is considered to cause significant welfare problem. | N/A N |
| | stered or other actions taken when <i>L. salmonis</i> longatus is considered to have welfare implicated | |
| • | pplicable)? s taken had a significant impact upon the lice le out in cooperation between participating farms | |
| 14. Is there a harvesting strategy for the site, visea lice? | where fewer populations or part populations are | e held without treatment for |
| 15. Is there a site specific written lice manage scenarios during the escalation of a sea lice ir | ment procedure with waypoints describing set and an arrangement of the second s | actions to deal with recognised Y |
| 16. Do the sea lice levels observed on stocks | reflect sea lice count data? If no please detail i | reasons. Y |
| | ge due to predators in the current or previous properties on site? (Detail below | |
| If other, detail below: | | |
| Have escape incidents or events been exp If Yes proceed with questions 4 – 9. If No skip Have these been reported to Scottish Minis | • | ne last FHI inspection? |
| 5. Have these been reported to local DSFB for | rthwith (where they exist)? (CoGP - 4.4.37, 5.4) local fisheries trusts forthwith (where they exist) | |
| 7. Were methods (if any) used to recover esca | • | |
| | reed with local wild fish interests and was pern | aissian given by Scottish |
| Ministers? (Legal, CoGP – 4.4.38, 5.4.18) | | |
| be considered under satisfactory measur | | |
| 10. Is the site inspected as satisfactory with re | egards to containment? If no, please detail reas | son(s) |
| | | |

| TIN 050 N : 40 | | D 4 6: 40/05/0000 |
|--|--|---------------------------|
| FHI 059, Version 13 | Issued by: FHI | Date of issue: 12/05/2020 |
| Case No: 2022-0019 S | Site No: FS0245 | |
| Date of Visit: 08/02/2022 | Inspector: | |
| | | |
| Point of Compliance | | |
| Is the farm under inspection located with | thin a farm management area? | Y |
| If N, no further questions require completi | ion. | |
| Points of Compliance for Both Form M | anagement Agreements and Statement | • |
| • | ement or statement (FMAg/S) been prepare | |
| 3. Is the current FMAg/S available for insp | pection? | Y |
| 4. Does the FMAg/S identify the relevant | _ | Y |
| 5. Does the FMAg/S identify the fish farm | site(s) to which it applies? commencement of the agreement or staten | nent? |
| 7. Does the FMAg/S identify the date of re | • | Y |
| | | |
| Arrangements for Fish Health Manager 8. Does the FMAg/S identify the minimum | ment n health standards for the stocks to be intro | oduced to the area or |
| farm? | | |
| | on requirements for stocks held in the area | |
| | s of fish which may be stocked into the area um stocking density of any pen on any farm | |
| individual farm? | in stocking density of any pen on any fam | Till tile alea of tile |
| | ements for the storage and disposal of any | dead fish from any |
| fish farm in the area or the individual farn | n? | |
| Arrangements for The Management of | Sea Lice | |
| 13. Does the FMAg/S identify arrangement | nts for the sharing of data on sea lice numl | bers and treatments? |
| 14. Does the FMAg/S identify the availabi | ility and the use of medicines on farms cov | ered by the agreement |
| of statement? | | |
| | ments for the sensitivity testing of available | e treatments for sea |
| lice on farms in the area or individual farm 16. Does the FMAg/S identify the circums | ns <i>?</i> stances under which biological controls and | d cleaner fish are to be |
| used on farms in the area or individual far | _ | |
| 17. Does the FMAg/S identify the arrange | ements for synchronous treatments on farm | ns within the area? |
| Live Fish Movements | | |
| 18. Does the FMAg/S identify the circums | stances when live fish may be introduced o | r removed from the |
| area or farm? | ments for the mayoment of live fish an an | |
| 19. Does the FMAg/S identity the arrange or individual farms? | ements for the movement of live fish on and | u on sites in the area |

| FHI 059, Version 13 | Issued by: FHI | Date of issue: 12/05/2020 |
|--|---|---------------------------|
| Harvesting 20. Does the FMAg/S identify acceptable | harvest practices on farms in the area or indi | ividual farms? |
| date when a farm or area may be restock 22. Does the FMAg/S identify whether or agreement or statement? | ne or more year classes may be stocked onto coodstock or potential broodstock are to be ke | sites covered by the |
| Point of Compliance for Farm Manage 24. Does the farm management agreeme parties to the agreement? | ement Agreements Only ent include arrangements for persons to become | me, or cease to be, N/A |
| Management and operation 25. Is the fish farm being managed and o 26. What is the version no/date of issue o | operated in accordance with the agreement or of the FMAg/S? 01/12/2020 | statement? Y |
| | | |
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Site No: FS0245

Case No: 2022-0019

Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology

| | | _ | | | | _ | | |
|--------------------|------------|----------|----------------------|----------------|----------------|------|------|----------------------|
| Case No: | 2022-0019 | | | Date of visit: | 08/02/2022 | | | |
| Site No: | E0024E | | | | | | | |
| Site No. | FS0245 | | | Inspector: | | | | |
| Results Summary | Freq. | | | Da | te of Notifica | tion | | |
| | · · | Database | Insp | | Insp | | Insp | 2 nd Insp |
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| Report Summary | | | | | | | | |
| Case Type | Date | Insp | 2 nd Insp | | | | | |
| ECI, CNI, SLI, VMD | 11/02/2022 | шэр | 2 IIISP | | | | | |
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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0119
 Date of Visit
 08/02/2022

 Site No
 FS0245
 Site Name
 Ardintoul

 Case No
 20220019
 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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.

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

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



The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

| FHI 059, Version 13 | ls | sued by: FHI | Date of issue: 12/05/2020 | | | | |
|--|------------------------------|---------------------------------------|---------------------------|--|--|--|--|
| Case No: 2022-0020 | | | Date of visit: 09/02/2022 | | | | |
| Time spent on site: | nrs | Main Inspecto | or: | | | | |
| Site No: FS0015 Business No: FB0119 | Site Name: Business Name: | Loch Greshornish Mowi Scotland Ltd | | | | | |
| Case Types: 1 ECI 2 | 2 CNI 3 SLI | 4 VMD 5 | 6 | | | | |
| Water Temp (°C): 8.3 | Thermometer No: | T148 | FHI 045 completed | | | | |
| Observations: | Region: HI | Water type: S | CoGP MA M-24 | | | | |
| Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? Y If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. | | | | | | | |
| UNI/REG only - if unable to carry | out intended visit detail r | reason below: | | | | | |
| | | | | | | | |
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| | | | | | | | |

FHI 059, Version 13 Issued by: FHI Date of issue: 12/05/2020

Additional Case Information:

Remote inspection on 02/02/22 with , observed by

SAL - Loch Lochy, Stofnfiskur Lumpfish from Dorset, farmed - stocked in week 4 2022

On-going mortalities over the 1% threshold since October 2021 attributed to AGD, freshwater treatment loss and HSMI. Pasteurella skyensis was also detected in pen 6 in 2 out of 15 fish, this was followed by a Florocol treatment for the whole site. The latest health report showed the site still has complex gill issues and some AGD but the Pasteurella skyensis and HSMI are no longer being detected. No wrasse left on site due to freshwater treatments (44,000 fish lost) - site staff mentioned they did not have equipment to remove cleanerfish during FW treatments, issue raised with FHI senior management.

Site inspection and VMD sampling carried out by supervised by on 09/02/2022. The main population was deep in the water column and difficult to observe due to weather conditions. An average of 3 lethargic fish per pen were observed, mostly runts. Six of these fish were examined and no clinical signs were found internally. Externally, the fish showed signs of poor gills. The fish sampled for the VMD appeared healthy and had been feeding well.

| FHI 059, Version 13 | | | Issue | ed by: FHI | | | Date of issue | e: 12/05/2020 |
|-----------------------------|-----------------|-----------------|--|---------------------------------|-----------------|-----------------|----------------|---------------|
| Case No: | 2022-0020 | | Site No: | FS0015 | | | | |
| Date of Visit: | | 09/02/2022 |] | | Inspector(s): | | | l |
| Registration/Autho | risation Deta | ails | | | | | | |
| 1. Business/site deta | | | ite renresenta | tive? | | | Y | 1 |
| 2. Changes made to | • | onconcu by o | no representa | | | | Y | |
| Site Details (includ | e cleaner fie | h for all sect | ione) | | | | | |
| Total No facilities | e cieanei ns | | _ | akad | 70 | No focilities | o increated | 210 |
| | 041 | 10 | Facilities sto | cked | 10 | No racilities | s inspected | 10 |
| Species | SAL | LUM | | | | | | |
| Age group | 2021 Q1 | 2021 | | | | | | |
| No Fish | 391,682 | 46,000 | | | | | | |
| Mean Fish Wt | 1.8 kg | 25g | | | | | | |
| Next Fallow Date (Si | • | August 2022 | | Next Input Da | | November | | |
| Recent (last 4 wks) | disease probl | ems? | | Y | Any escapes | (since last v | /isit)? | N |
| If yes, detail: | HMSI, Paste | urella skyens | is (treated wit | h Florocol), Co | mplex gill issu | ues, AGD | | |
| | | | | | | | | |
| Movement Records | 5 | | | | | | | |
| 1. Movement records | s available fo | r inspection? | | | | | | Y |
| 2. Date of last inspec | ction: | | | | | | 10/03/2020 | |
| 3. Are records comp | lete and corre | ectly entered? | • | | | | | Y |
| 4. Are movement red | | - | | | | | | Y |
| 5. Are records comp | lete and corre | ectly entered? | , | | | | | Y |
| 6. Are health certification | | • | | ble? | | | | N/A |
| | | | 02, 4,4,1 | | | | | |
| Transport Records | | | | | | | | |
| Are any movement | | t by (or on be | half) of the bu | siness (not us | ing a STB)? | | | N |
| If yes, is there a syst | | | • | • | _ | | | |
| ii yes, is there a syst | iem in place i | or maintenant | oc or transpor | tation records | • | | | |
| Mortality Records | | | | | | | | |
| Mortality records a | available for i | nspection? | | | | | | Y |
| 2. How are mortalitie | | • | | | Other (detail) |) | | |
| 2. From Gro mortanti | | | silad on sita h | out due to large | , , | | v whole to En | orgon |
| If other detail: | Biogas in Cu | | siled off sile, L | out due to large | e volume cum | entry go awa | y whole to Li | lergen |
| 3. Mortality records of | | | ared? | | | | | Y |
| 5. Wortainly records t | complete and | correctly erite | | 079 (5.74%); V | Vaak 2: 20 04 | 6 (0 720/ \. \/ | Vaal: 2: 6 760 | \ (4.670/\). |
| 4. Recent mortality (| last 4 wks): | | The state of the s | 379 (3.74%), v 33 (1.52%); W | | 0 (0.73%), V | veek 5. 0,760 | J (1.07%), |
| 5. Evidence of recen | it increased/a | typical mortal | ities? | | | | | Y |
| If yes, facility nos/no | mortality per | facility/no sto | ck per facility/ | reason: | | | ' | |
| P. skyensis detected | l in Cage 6, A | GD and HSM | II also confirm | ed on site. | | | | |
| 6. Any other peaks in | | | | | | | | Y |
| If yes, detail: | On-going mo | ortalities over | the 1% thresh | old since the | start of Octobe | er 2021 | | |
| 7. Have increased (u | | | | | | | | N/A |
| If yes, detail action: | | | | | | | | |
| 8. Have 'mortality ev | ents' been re | ported to FHI | ? If no, enter o | details on mort | ality events sh | neet. | | Y |

| Treatments and Medicines Records | |
|--|---|
| 1. Recent treatments (see comment)? | Y |
| TMS, | |
| Florfenicol, | |
| H2O2, Slice, | |
| If yes, detail: Salmosan | |
| If other, detail: | |
| 2. Medicines records available for inspection? | Y |
| 3. Are records complete and correctly entered? | Y |
| 4. Are fish in a withdrawal period? | Y |
| 5. If yes, what treatment(s)? TMS, Florocol | |
| Florocol end | |
| of | |
| quarantine - | |
| If other, detail: end of week | |
| 6. Are medicines stored appropriately? | Y |
| | |
| Biosecurity Records | |
| Biosecurity records available for inspection? | Y |
| 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered? | Y |
| 3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any | |
| increased (unexplained) mortality at the site been included? | Y |
| 4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease | |
| is detected been included and how and when that will be notified to Scottish Ministers? | Y |
| 5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher | Y |
| health status, certification if required)? | |
| | |
| 6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise | Y |
| 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 | Y |
| aquaculture animals held on site? | |
| 8. Have the biosecurity procedures been adequately implemented on site? | Y |
| If no, detail: | |
| | |
| Results of Surveillance | |
| Has any animal health surveillance been carried out by, or on behalf of, the business? | Y |
| 2. If yes, are results available for inspection? | Y |
| 3. Any significant results? | N |
| If yes, detail (if not detailed under recent disease problems). | |
| | |
| Records checked between: 10/03/2020 - 02/02/2022 | |

| | FHI 059, Version 13 | | | | | | issued by: FHI | | | | | | |
|---------|----------------------------|------------|------------|------------|------------|--------|----------------|-----|-----------------------|----------|--------|-------------|-------|
| | Case no: | 2022-00 | 020 | Site No: | | FS0015 | | | Date of v Sampling | | 09/0 | 02/2022 | 09/0 |
| | Priority samples: | VI | | ВА | | PA | | MG | Sampling | ,. НІ | | | |
| | Time sampling starts/ends: | 12:0 | 0:00 | 13:0 | 0:00 | | Inspecto | or: | | | VMD No |). [| 20 |
| | Environmental conditions: | 1 | Indoors | 2 | | 3 | | 4 | _ | 5 | | | |
| | Summary samples | HIST | | ВА | | MG | | VI | | PA | | Total Sa | mples |
| | | | | | | | | | | | | | |
| A | dd Fish/Pools - click | | | | | | | | | | | | |
| | Pool/Fish No | | | | | | | | | | | | |
| | Fish nos | 1 | 2 | 3 | 4 | | | | | | | | |
| | Pool Group | | | | | | | | | | | | |
| | Species | SAL | SAL | SAL | SAL | | | | | | | | |
| | Average weight | 1.7000 | 1.7000 | 1.7000 | 1.7000 | | | | | | | | |
| | Sex | N/A | N/A | N/A | N/A | | | | | | | | |
| | Water Type | SW | SW | SW | SW | | | | | | | | |
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| S | | S. S. | ch | chy | ch | | | | | | | | |
| Details | | Loch Lochy | Loch Lochy | Loch Lochy | Loch Lochy | | | | - 1 | | | | |
| | | 당 | 당 | ch Ch | 당 | | | | - 1 | | | | |
| ock | Stock Origin | 2 | | | | | | | | | | | |
| St | Facility No | 1 | 2 | 4 | 8 | | | | | | | | |

| 02/2022 Additional Sample Information: | | | | | | | | | | | | | | |
|--|--------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | |
| 0 | 0 Total Tests assigned 0 | | | | | | | | | | | | | |
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| FHI 059, Version 13 | | Issued by: FHI | | | Date o | Date of issue: 12/05/20 | | |
|--|-------------------|---|----------|------------|-------------|-------------------------|-------|--|
| Case Number: | 2022-0020 | | Site No: | FS0015 | | lnsp: | | |
| Date of Visit | 09/02/2022 | | No of m | ovements/s | supp./dest. | | Score | |
| Live fish movements | | | 0 | 1-5 | 6-10 | >10 | | |
| Movements on (from out | Frequency of m | novements on from equivalent MS | 0 | 5 | 10 | 14 | 0 | |
| with GB) of susceptible species | | novements on from equivalent zone or | | 0 | 40 | 200 | 0 | |
| Species | Number of sup | ocluding third country | 0 | | 18 10 | 26 14 | 0 | |
| | | | | | | | - 40 | |
| Movements off | Frequency of m | | 0 | | | 10 10 | 10 | |
| Exposure via water | Number of des | Site contacts | | | | 10 | | |
| Water contacts with other | Farm is protect | ed (secure water supply through | I | <u> </u> | | | | |
| farms (holding species | disinfection or l | porehole) | 0 | | | | | |
| susceptible to same diseases) | | or in a coastal zone with category I n or within 1 tidal excursion | 1 | 2 | 4 | | 2 | |
| | | or in a coastal zone with category III | | | 7 | | | |
| | | or within 1 tidal excursion | 1 | 3 | 6 | | | |
| | | or in a coastal zone with category V | | | | | | |
| | farms upstream | n or within 1 tidal excursion | 1 | 4 | 8 | | | |
| Management practices | | | None | Secure | Unsecure | | | |
| Water contacts with processors | Any processing | plant discharging into adjacent waters | 0 | 1 | 2 | | 0 | |
| On farm processing within the rules of the directive | No on farm pro | cessing | 0 | | | | 0 | |
| | Processing own | n fish (re-cycling risk) | 1 | | | | | |
| | Processing fish | from MS of equivalent status | 2 | | | | | |
| | _ | from zone or compartment of | | 1 | | | | |
| | equivalent statu | | 4 | | | | | |
| | | from Category III farm | 8 | | | | | |
| | Processing fish | from Category V farm | 10 | 1 | | | | |
| Disposal of fish and fish by- | Site's own was | e only processed. | 0 | | | | 0 | |
| products | Common proce | sses with other farms | 3 | | | | | |
| | Collection point | for waste from other farms | 5 | | | | | |
| Use of unpasteurised feeds | No feeding of u | npasteurised feed | 0 | 1 | | | 0 | |
| · | Feeding unpas | • | 5 | | | | | |
| Biosecurity | | Number of sites | 1 | 2 or 3 | ≥ 4 | | | |
| Contacts with other sites | Sites operating | from single shorebase | 0 | 1 | 2 | | 0 | |
| | Sites sharing st | aff and equipment | 0 | 1 | 2 | | 0 | |
| Disinfection of equipment | Yes | | 0 | Ī | | | 0 | |
| between sites, use of footbaths etc | No | | 1 | | | | | |
| CoGP/Regulator | <u> </u> | | | • | | | | |
| Practices in accordance | Yes | | 0 | | | | 0 | |
| with regulator or industry code of practice | No | | 3 | | | | | |
| Diatform seems to come | Vos | | | 1 | | | | |
| Platform access to cages | Yes No | | 0 | | | | 0 | |
| | NO | | 2 | 1 | | | | |
| | | | | | Total | | 15 | |
| | | | | | Rank | | LOW | |

| FHI 059, Version 13 | Issued by: FHI | Date of issue: 12/05/2020 |
|---|---|-----------------------------------|
| Case No: 2022-0020 | Site No: | FS0015 |
| Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems 2. Is the CoGP Farm Management Area (or ed 3. Does the site have access to a range of lice | quivalent) fallowed synchronously on a single enced in-feed and bath sea lice medications (ir | ncluding deltamethrin, |
| azamethiphos and emamectin benzoate) as v can these be deployed in a reasonable period | - | chanical control measures, and |
| 4. Is there a signed documented farm manage Management Area (or equivalent)? | ement agreement or statement relevant to the | site and CoGP Farm |
| Are sea lice count records available for insp Do records adequately reflect the required s | | Legal SSI, CoGP Annex 6) |
| 7. Are sea lice (<i>L. salmonis</i>) record levels belorecords are inspected? (CoGP Annex 6) | ow the suggested criteria for treatment in the C | CoGP during the period that |
| 8. Have average adult female sea lice ($L.\ salm$ 2 or above (from w/b 10/6/19) during the perio | | above (prior to w/b 10/6/19) or Y |
| If yes, have these been reported to the Fish H. 9. Is <i>C. elongatus</i> infestation at a level which it | • | olems? (CoGP 4.3.81, 5.3.50) |
| 10. Have therapeutic treatments been adminis suggested criteria for treatment or where <i>C. el</i> | | |
| 11. Has any other action been taken (where a 12. Have therapeutic treatments or the actions | s taken had a significant impact upon the lice le | |
| 13. Are treatments, where conducted, carried 14. Is there a harvesting strategy for the site, visea lice? | | |
| 15. Is there a site specific written lice manager scenarios during the escalation of a sea lice in | | actions to deal with recognised Y |
| 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 damag 2. Are measures in place to mitigate against the | · · · · · · · · · · · · · · · · · · · | |
| Top nets | | ., |
| If other, detail below: | | |
| Enviro nets used but looking to swap to Dyner 3. Have escape incidents or events been experience. | | he last FHI inspection? |
| If Yes proceed with questions 4 – 9. If No skip | • | |
| 4. Have these been reported to Scottish Minist | | 4.47 |
| 5. Have these been reported to local DSFB for6. Have these been reported to the SSPO and | • | |
| 7. Were methods (if any) used to recover esca | • | |
| () | , , , , , , , , , , , , , , , , , , , | • |
| 8. If gill nets were deployed was this action ag Ministers? (Legal, CoGP – 4.4.38, 5.4.18) | reed with local wild fish interests and was perr | mission given by Scottish |
| 9. What action was taken to prevent and minir | | in code but could |
| be considered under satisfactory measure 10. Is the site inspected as satisfactory with re | | son(s) |
| 10. 15 the site inspected as satisfactory with re | gards to containment: If no, please detail leas | 1 |
| | | |

| FHI 059, Version 13 | Issued by: FHI | Date of issue: 12/05/2020 |
|--|--|---|
| Case No: 2022-0020 Site | No: FS0015 | |
| Date of Visit: 09/02/2022 | Inspector: | |
| Date of Viola | | |
| Point of Compliance | | |
| Is the farm under inspection located within | a farm management area? | Y |
| If N, no further questions require completion. | • | <u> </u> |
| Points of Compliance for Both Farm Mana | agement Agreements and Statements | |
| Has a current farm management agreeme | _ | |
| 3. Is the current FMAg/S available for inspect | | Y |
| Does the FMAg/S identify the relevant farmDoes the FMAg/S identify the fish farm site | _ | Y |
| 6. Does the FMAg/S identify the date of com | • • | ent? |
| 7. Does the FMAg/S identify the date of review | w? | Y |
| Arrangements for Fish Health Managemer | nt | |
| 8. Does the FMAg/S identify the minimum he | alth standards for the stocks to be introd | duced to the area or |
| farm? 9. Does the FMAg/S identify the vaccination i | requirements for stocks held in the area | or farm? |
| 10. Does the FMAg/S identify the species of | • | |
| 11. Does the FMAg/S identify the maximum sindividual farm? | stocking density of any pen on any farm | in the area or the |
| individual farm <i>:</i> 12. Does the FMAg/S identify the arrangeme | nts for the storage and disposal of any o | lead fish from any |
| fish farm in the area or the individual farm? | a.o o.o.ago a.aa aaqooaa o. aa y | |
| Arrangements for The Management of Sea | a Lice | |
| 13. Does the FMAg/S identify arrangements | for the sharing of data on sea lice numb | ers and treatments? |
| 14. Does the FMAg/S identify the availability | and the use of medicines on farms cove | red by the agreement |
| of statement? | | V. |
| 15. Does the FMAg/S identify any requirement lice on farms in the area or individual farms? | • • | treatments for sea |
| 16. Does the FMAg/S identify the circumstan | ces under which biological controls and | cleaner fish are to be Y s within the area? |
| used on farms in the area or individual farms 17. Does the FMAg/S identify the arrangeme | | within the area? |
| 17. Does the Fiving/3 identity the arrangeme | nto for synchronous treatments on farms | S WILLIE LICA: |
| Live Fish Movements | | vomes and from the |
| 18. Does the FMAg/S identify the circumstan area or farm? | ces when live fish may be introduced or | |
| 19. Does the FMAg/S identify the arrangeme | nts for the movement of live fish on and | off sites in the area |
| or individual farms? | | |

| FHI 059, Version 13 | Issued by: FHI | Date of issue: 12/05/2020 |
|--|--|---------------------------|
| Harvesting 20. Does the FMAg/S identify acceptable | harvest practices on farms in the area or ind | ividual farms? |
| date when a farm or area may be restock 22. Does the FMAg/S identify whether on agreement or statement? | e or more year classes may be stocked onto codstock or potential broodstock are to be ke | sites covered by the |
| Point of Compliance for Farm Manage 24. Does the farm management agreeme parties to the agreement? | ment Agreements Only ent include arrangements for persons to beco | ome, or cease to be, N/A |
| Management and operation 25. Is the fish farm being managed and o 26. What is the version no/date of issue o | operated in accordance with the agreement or of the FMAg/S? 01/02/2022 | r statement? |
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Site No: FS0015

Case No: 2022-0020

Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology

| | | _ | | | | _ | | |
|---------------------------------|------------|----------|----------------------|----------------|----------------|---------|------|----------------------|
| Case No: | 2022-0020 | | | Date of visit: | 09/02/2022 | | | |
| Site No: | FS0015 | | | lman a ataw | | | | |
| Site No. | F30013 | ı | | Inspector: | | | | |
| Results Summary | Freq. | | | Da | te of Notifica | tion | | |
| | | Database | Insp | Phone | Insp | Writing | Insp | 2 nd Insp |
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| Report Summary | | | | 1 | | | | |
| Case Tyne | Date | Insp | 2 nd Insp | | | | | |
| Case Type ECI, CNI, SLI, VMD | 11/02/2022 | шэр | 2 III3P | | | | | |
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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No FB0119 **DATE OF VISIT** 09/02/2022

SITE NO FS0015 SITE NAME Loch Greshornish

Case No 20220020 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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.

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

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



The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

| FHI 059, Version 13 | l: | ssued by: FHI | Date of issue: 12/05/2020 | | | | | |
|------------------------------------|---|--------------------------------|-------------------------------|--|--|--|--|--|
| Case No: 2022-0023 | | | Date of visit: 22/02/2022 | | | | | |
| Time spent on site: | ır | Main Inspect | or: | | | | | |
| Site No: FS1322 | Site Name: | Barcaldine Hatchery Incubation | on 2 | | | | | |
| Business No: FB0125 | Business Name: | Scottish Sea Farms Ltd | | | | | | |
| Case Types: 1 ECI 2 | 2 CNI 3 | 4 5 | 6 | | | | | |
| Water Temp (°C): 5 | Thermometer No: | Site | FHI 045 completed | | | | | |
| Observations: | Region: ST | Water type: F | CoGP MA | | | | | |
| Dead/weak/abnormally behaving | fish present? | Y If yes, see additional info | rmation/clinical score sheet. | | | | | |
| Clinical signs of disease observed | ! ? | | rmation/clinical score sheet. | | | | | |
| Gross pathology observed? | | N If yes, see additional info | rmation/clinical score sheet. | | | | | |
| Diagnostic samples taken? | | N | | | | | | |
| UNI/REG only - if unable to carry | UNI/REG only - if unable to carry out intended visit detail reason below: | | | | | | | |
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Additional Case Information:

The origin site had reported a 3% hatch at packing. A 10% accumilated mortality had occurred in the 5 weeks since arrival. No further issues observed since week 5. On arrival to site, ova is disinfected with buffodine.

One ensiler is dedicated to all the incubation units, where it is then transferred into the Barcaldine's site ensiler and taken away by waste carrier to Barkip.

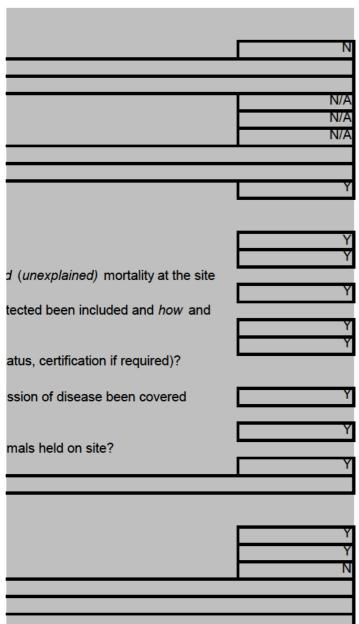
Site thermometer used for biosecurity reasons.

Remote paperwork inspection conducted on 16/02/2022 by supervised by Site inspection conducted by on 22/02/2022, supervised by

| FHI 059, Version 13 | 3 | ls | ssued by: FHI | | Date of issue: 12 | /05/2020 |
|---|-----------------------------------|--|--------------------------|---------------------------------------|------------------------|----------|
| Case No: | 2022-0023 | | Site No: | FS1322 | | |
| Date of Visit: | | 22/02/202 | 2 | | Inspector(s): | |
| Registration/Auth | | rad by aita raprasa | ontativa? | | | |
| Changes made t | tails summary check o details? | ted by site represe | entative : | | | |
| Site Details (inclu | de cleaner fish for | all sections) | | | | |
| Total No facilities | | 1 Hatchery | Facilities stocked | | 1 Hatchery | |
| Species | SAL OVA | | T GOING OF ORCE | 1 | | |
| Age group | 2022 | | | | | |
| No Fish | 1,293,137 | | | | | |
| Mean Fish Wt | ova | | | | | |
| Next Fallow Date (| | End April 2022 | _ | Next Input Date (S | ite) | |
| • | disease problems? | | | , , , , , , , , , , , , , , , , , , , | Any escapes (since | |
| If yes, detail: | Library Providence | | | | rany coccapion (carrot | |
| 5. Are records com 6. Are health certific Transport Record 1. Are any movement | | entered? ns (outwith GB) av or on behalf) of the | vailable? | a STB)? | | |
| Mortality Records | | | | | | |
| • | available for inspec | tion? | | | | |
| 2. How are mortalit | ies disposed of? | | | | Ensiled - on site | |
| If other detail: | | ath contained? | | | | |
| | complete and corre | ctly entered? | 0000 14/17 0 400/ | 1000 14/1 0 0 000/ | 00005 14/1 5 0 0 40/ | |
| 4. Recent mortality | | | 2022: WK7, 0.10%, | , 1280. WKb, 2.33% | , 30895;Wk5, 3.24% | |
| | ent increased/atypica | | ility/roccon: | | | |
| ir yes, racility nos/n | o mortality per facilit | y/no stock per fac | ility/reason: | | | |
| | in mortality during p | eriod checked? | | | | |
| If yes, detail: | | | | | | |
| | (unexplained) morta | lities been reporte | d to vet or FHI? | | | |
| If yes, detail action: | | | | | | |
| 8. Have 'mortality e | vents' been reported | to FHI? If no, en | ter details on mortality | y events sheet. | | |

| Treatments and Medicines Records | |
|---|--|
| Recent treatments (see comment)? | |
| 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 | |
| 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 Minister | s or veterinary professional of any increase |
| been included? | |
| 4. Has the action that will be taken in the event that the presence or suspic | on of the presence of a listed disease is de |
| when 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 st |
| | |
| 6. Have the husbandry and biosecurity measures implemented between ea | ch epidemiological unit to minimise transmi |
| (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 ani |
| 8. Have the biosecurity procedures been adequately implemented on site? | |
| If no, detail: | |
| | |
| Results of Surveillance | |
| Has any animal health surveillance been carried out by, or on behalf of, to | he husiness? |
| 2. If yes, are results available for inspection? | ine business. |
| 3. Any significant results? | |
| If yes, detail (if not detailed under recent disease problems). | |
| ii yes, detaii (ii not detailed diidel recent disease problems). | |
| Records checked between: | 27/04/2021-16/02/2022 |
| TCCCTGG CHCCKCG DCCWCCH. | |

| | V | |
|----------------------|------------|------------|
| | Y | |
| | Y | |
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| | | 2 U-t-b |
| No facilities inspec | ted | 1 Hatchery |
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| June 2022 | | |
| last visit)? | | N |
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| | | Y |
| | 27/04/2021 | |
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| FHI 059, Version 13 | | Issued by: FHI | | | Date of | of issue | : 12/05/2020 |
|--|-------------------------------------|---|----------|------------|---------------|----------|--------------|
| Case Number: | 2022-0023 | | Site No: | FS1322 | | Insp: | |
| Date of Visit | 22/02/2022 | | No of m | ovements/s | supp./dest. | | Score |
| Live fish movements | | | 0 | 1-5 | 6-10 | >10 | |
| Movements on (from out | Frequency of m | ovements on from equivalent MS | 0 | 5 | 10 | 14 | 0 |
| with GB) of susceptible species | | novements on from equivalent zone or | 0 | 9 | 18 | 26 | 9 |
| · | Number of supp | cluding third country | 0 | _ | 10 | 14 | 5 |
| Movements off | Frequency of m | novements off | 0 | 3 | 6 | 10 | 10 |
| Wovernerits on | Number of dest | | 0 | 3 | 6 | 10 | 0 |
| Exposure via water | | Site contacts | 0 | 1-5 | 6-10 | | |
| Water contacts with other farms (holding species | disinfection or b | , | 0 | | | | 0 |
| susceptible to same diseases) | farms upstream | or in a coastal zone with category I or within 1 tidal excursion | 1 | 2 | 4 | | |
| | farms upstream | or in a coastal zone with category III or within 1 tidal excursion | 1 | 3 | 6 | | |
| | | or in a coastal zone with category V or within 1 tidal excursion | 1 | 4 | 8 | | |
| Management practices | | | None | Secure | Unsecure | | |
| Water contacts with processors | Any processing waters | plant discharging into adjacent | 0 | 1 | 2 | | 1 |
| On farm processing within the rules of the directive | No on farm pro | | 0 | | | | 0 |
| | Processing own | n fish (re-cycling risk) | 1 | | | | |
| | Processing fish | from MS of equivalent status | 2 | | | | |
| | Processing fish equivalent statu | from zone or compartment of | 4 | | | | |
| | Processing fish | from Category III farm | 8 | | | | |
| | Processing fish | from Category ∨ farm | 10 | | | | |
| Disposal of fish and fish by- | Site's own wast | e only processed. | 0 | 1 | | | |
| products | Common proce | sses with other farms | 3 | | | | 3 |
| | Collection point | for waste from other farms | 5 | | | | |
| Use of unpasteurised feeds | No feeding of u | npasteurised feed | 0 | | | | 0 |
| | Feeding unpast | teurised feed | 5 | | | | |
| Biosecurity | | Number of sites | 1 | 2 or 3 | ≥ 4 | | |
| Contacts with other sites | Sites operating | from single shorebase | 0 | 1 | 2 | | 0 |
| | Sites sharing st | aff and equipment | 0 | 1 | 2 | | |
| Disinfection of equipment between sites, use of | Yes | | 0 | | | | 0 |
| footbaths etc | No | | 1 | | | | |
| CoGP/Regulator | | | | | | | |
| Practices in accordance with regulator or industry | Yes | | 0 | | | | 0 |
| code of practice | No | | 3 | | | | |
| Platform access to cages | Yes | | 0 | | | | 0 |
| | No | | 2 | | | | |
| | | | | | Total Rank | | 28 HIGH |

Containment Inspection

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

Site indoors

If other, detail below:

- 3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?
- If Yes proceed with questions 4 9. If No skip to question 10
- 4. Have these been reported to Scottish Ministers?
- 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 Mini
- 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)

| FHI 059, Version 13 | ls | sued by: FHI | |
|--|------------------------------------|-------------------|--------|
| Site No: | FS1322 | | |
| hiphos and emamectin benzoate)as | well as access to suitable | biological and/or | |
| ment Area (or equivalent)? | | | |
| cords are inspected? (CoGP Annex | 6) | | |
| or 2 or above (from w/b 10/6/19) durin | g the period that records a | re inspected? | |
| ggested criteria for treatment or wher | re <i>C. elongatus</i> is consider | red to have | |
| ea lice? d scenarios during the escalation of a | a sea lice infestation? | | |
| | | | |
| | | | N Y |
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| sters? (Legal, CoGP – 4.4.38, 5.4.18) | | | |
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Date of issue: 12/05/2020

| Case No: | 2022-0023 | | | Date of visit: | 22/02/2022 | | | |
|--------------------------|------------|----------------------|----------------------|----------------|------------|----------|------|----------------------|
| Site No: | FS1322 | ı | | Inspector: | | ı | | |
| Results Summary | Freq. | Date of Notification | | | | | | |
| results cultillary | 1104. | Database | Insp | Phone | Insp | Writing | Insp | 2 nd Insp |
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| Report Summary Case Type | | | | | | | | |
| Case Type | | Insp | 2 nd Insp | | | | | |
| ECI, CNI | 01/03/2022 | | | | | | | |
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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0125 Date of Visit 22/02/2022

SITE No FS1322 SITE NAME Barcaldine Hatchery Incubation 2
CASE No 20220023 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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.

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 01/03/2022
Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

| FHI 059, Version 13 | | Issued by: FHI | Date of issue: 12/05/2020 |
|--|------------------------------|---|---|
| Case No: 2022-0025 | | | Date of visit: 22/02/2022 |
| Time spent on site: | | Main I | nspector: |
| Site No: FS1324 Business No: FB0125 | Site Name: Business Name: | Barcaldine Hatchery Inc Scottish Sea Farms Ltd | |
| Case Types: 1 ECI | 2 CNI 3 | 4 5 | 6 |
| Water Temp (°C): 5 | Thermometer No: | Site | FHI 045 completed |
| Observations: | Region: ST | Water type: F | CoGP MA |
| Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken? | | N If yes, see addition | nal information/clinical score sheet. nal information/clinical score sheet. nal information/clinical score sheet. |
| UNI/REG only - if unable to carry | out intended visit detai | il reason below: | |
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Additional Case Information:

One ensiler is dedicated to all the incubation units, where it is then transferred into the Barcaldine's site ensiler and taken away by waste carrier to Barkip.

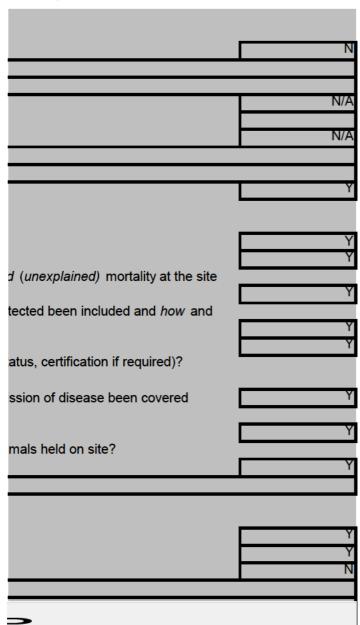
Site thermometer used due to biosecurity considerations.

Remote paperwork inspection conducted on 16/02/2022 by supervised by site inspection conducted by on 22/02/2022 and supervised by

| FHI 059, Version 1 | 3 | l: | ssued by: FHI | | Date of issue: 12 | /05/2020 | | | |
|--|--|---|------------------------------------|----------------------|----------------------|----------|--|--|--|
| Case No: | 2022-0025 | | Site No: | FS1324 | | | | | |
| Date of Visit: | | 22/02/202 | 22 | | Inspector(s): | | | | |
| Registration/Auth | | | • | | | | | | |
| Business/site de Changes made | etails summary check | ked by site represe | entative? | | | | | | |
| 2. Onanges made | to details: | | | | | | | | |
| Site Details (inclu | ide cleaner fish for | all sections) | | | | | | | |
| Total No facilities | | 1 hatchery | Facilities stocked | | 1 hatchery | | | | |
| Species | SAL OVA | | | | | | | | |
| Age group | 2022 | | | | | | | | |
| No Fish | 208,404 | | | | | | | | |
| Mean Fish Wt | ova | | | | | | | | |
| Next Fallow Date (| • | on going | | Next Input Date (S | _ ′ | | | | |
| · · · · · · · · · · · · · · · · · · · |) disease problems? | | | N | Any escapes (since | | | | |
| If yes, detail: | | | | | | | | | |
| 2. Date of last insp 3. Are records con 4. Are movement r 5. Are records con 6. Are health certif Transport Record 1. Are any movem If yes, is there a sy | nplete and correctly effected available for inplete and correctly efficates for introduction is ents carried out by (extern in place for many) | entered? dead fish and was entered? ns (outwith GB) av or on behalf) of the | vailable? e business (not using | a STB)? | | | | | |
| Mortality Records | | | | | | | | | |
| • | s available for inspec | tion? | | | I mailes an aife | | | | |
| How are mortali If other detail: | | Manuel a la la divisació | i\ | | Ensiled - on site | | | | |
| | Taken to Barkip via complete and corre | | e carrier) | | | | | | |
| 4. Recent mortality | • | city efficied: | 2022: W/k7 0% 0: | /V/F8 U 410/ 834· / | Wk5, 2%, 4160; WK4 | , | | | |
| | | l mortalities? | 2022. VVK1, 070, 0, | VVKO, 0.4170, 034, 1 | VVKJ, 270, 4100, VVK | | | | |
| 5. Evidence of recent increased/atypical mortalities? If yes, facility nos/no mortality per facility/no stock per facility/reason: | | | | | | | | | |
| ii yes, lacility 1103/1 | to mortality per facilit | syrio stock per lac | mity/reason. | | | | | | |
| 6. Any other peaks | in mortality during p | eriod checked? | | | | | | | |
| If yes, detail: | | | | | | | | | |
| 7. Have increased | 7. Have increased (unexplained) mortalities been reported to vet or FHI? | | | | | | | | |
| If yes, detail action | : | | | | | | | | |
| 8. Have 'mortality e | events' been reported | d to FHI? If no, en | ter details on mortality | y events sheet. | | | | | |
| | | | | | | | | | |

| Treatments and Medicines Records |
|---|
| 1. Recent treatments (see comment)? |
| 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? |
| Discounity December |
| Biosecurity Records 1. Biosecurity records excitable for inspection? |
| 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>increase</i> 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 de |
| when 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 st |
| |
| 6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmi |
| (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 ani |
| 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? |
| 2. If yes, are results available for inspection? |
| 3. Any significant results? |
| If yes, detail (if not detailed under recent disease problems). |
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| No facilities inspec | ted | 1 Hatchery |
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| June 2022 | | |
| last visit)? | | N |
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| FHI 059, Version 13 | | Issued by: FHI | | | Date o | f issue | : 12/05/2020 |
|--|-------------------------------------|---|-----------------------------|--------|---------------|---------|--------------|
| Case Number: | 2022-0025 | | Site No: | FS1324 | | Insp: | |
| Date of Visit | 22/02/2022 | | No of movements/supp./dest. | | | | Score |
| Live fish movements | | | 0 | 1-5 | 6-10 | >10 | |
| Movements on (from out | Frequency of m | novements on from equivalent MS | 0 | 5 | 10 | 14 | 0 |
| with GB) of susceptible species | | novements on from equivalent zone or | 0 | 9 | 18 | 26 | 9 |
| · | Number of sup | ncluding third country pliers | 0 | | | 14 | 5 |
| Movements off | Frequency of m | novements off | 0 | 3 | 6 | 10 | 10 |
| | Number of desi | | 0 | | 6 | 10 | 0 |
| Exposure via water | | Site contacts | 0 | 1-5 | 6-10 | | |
| Water contacts with other farms (holding species | disinfection or l | , | 0 | | | | 0 |
| susceptible to same diseases) | farms upstream | or in a coastal zone with category I n or within 1 tidal excursion | 1 | 2 | 4 | | |
| | farms upstream | or in a coastal zone with category III n or within 1 tidal excursion | 1 | 3 | 6 | | |
| | | or in a coastal zone with category V n or within 1 tidal excursion | 1 | 4 | 8 | | |
| Management practices | | | None | Secure | Unsecure | | |
| Water contacts with processors | Any processing | plant discharging into adjacent waters | 0 | 1 | 2 | | 1 |
| On farm processing within the rules of the directive | No on farm pro | • | 0 | | | | 0 |
| | Processing own | n fish (re-cycling risk) | 1 | | | | |
| | Processing fish | from MS of equivalent status | 2 | | | | |
| | Processing fish equivalent statu | from zone or compartment of us | 4 | | | | |
| | Processing fish | from Category III farm | 8 | | | | |
| | Processing fish | rfrom Category ∀ farm | 10 | | | | |
| Disposal of fish and fish by- | Site's own wast | te only processed. | 0 | 1 | | | |
| products | Common proce | esses with other farms | 3 | | | | 3 |
| | Collection point | t for waste from other farms | 5 | | | | |
| Use of unpasteurised feeds | No feeding of u | inpasteurised feed | 0 | i | | | 0 |
| | Feeding unpas | teurised feed | 5 | | | | |
| Biosecurity | | Number of sites | 1 | 2 or 3 | ≥ 4 | | |
| Contacts with other sites | Sites operating | from single shorebase | 0 | 1 | 2 | | 0 |
| | Sites sharing st | taff and equipment | 0 | 1 | 2 | | |
| Disinfection of equipment between sites, use of | Yes | | 0 | | | | 0 |
| footbaths etc | No | | 1 | | | | |
| CoGP/Regulator | | | | _ | | | |
| Practices in accordance with regulator or industry | Yes | | 0 | | | | 0 |
| code of practice | No | | 3 | | | | |
| Platform access to cages | Yes | | 0 |] | | | 0 |
| | No | | 2 | | | | |
| | | | | | Total Rank | | 28 HIGH |
| | | | | | | | |

| Case No: | 2022-0025 | Site No: | FS1324 | |
|---|--|------------------|---------------------------------|----|
| Is the CoGP Farm M Does the site have a azamethiphos and ema | Seawater Sites Only) nced sea lice problems in the previous 4 years? Inanagement Area (or equivalent) fallowed synchronously access to a range of licenced in-feed and bath sea lice me amectin benzoate) as well as access to suitable biological in a reasonable period of time? | edications (ir | ncluding deltamethrin, | |
| 4. Is there a signed doo Management Area (or | cumented farm management agreement or statement rele equivalent)? | evant to the | site and CoGP Farm | |
| | ecords available for inspection? (Legal SSI, CoGP Annex ely reflect the required standard specified in the SSI and to | | Legal SSI, CoGP Annex 6) | |
| 7. Are sea lice (L. salm records are inspected? | nonis) record levels below the suggested criteria for treatron (CoGP Annex 6) | ment in the C | CoGP during the period that | |
| | female sea lice (<i>L. salmonis</i>) numbers per fish been at a 0/6/19) during the period that records are inspected? | level of 3 or | above (prior to w/b 10/6/19) o | r |
| • | n reported to the Fish Health Inspectorate? If no, FHI see | | | |
| 9. Is C. elongatus infes | station at a level which is considered to cause significant | welfare prob | olems? (CoGP 4.3.81, 5.3.50) | |
| suggested criteria for tr | reatments been administered or other actions taken when reatment or where <i>C. elongatus</i> is considered to have we on been taken (where applicable)? | | | |
| • | reatments or the actions taken had a significant impact up | on the lice le | evels recorded? | |
| | ere conducted, carried out in cooperation between partici | | | |
| 14. Is there a harvestin sea lice? | ng strategy for the site, where fewer populations or part po | pulations ar | re held without treatment for | |
| | ific written lice management procedure with waypoints de scalation of a sea lice infestation? | scribing set | actions to deal with recognised | d |
| 16. Do the sea lice leve | els observed on stocks reflect sea lice count data? If no p | lease detail | reasons. | |
| | | | | |
| Containment Inspecti | | | | |
| | nced equipment damage due to predators in the current on the ceto mitigate against the predation experienced on site? | | _ | N |
| Site indoors | ce to magate against the prevation experienced on site: | (Detail belo | w) | |
| If other, detail below: | | | | |
| 3 Have escape incide | ents or events been experienced on or in the vicinity of the | sita sinca tl | he last FHI inspection? | N |
| | estions 4 – 9. If No skip to question 10 | , site siriee ti | ne last i in mopeetion: | 14 |
| 4. Have these been rep | ported to Scottish Ministers? | | | |
| | ported to local DSFB forthwith (where they exist)? (CoGP | | | |
| b. Have these been rep | ported to the SSPO and local fisheries trusts forthwith (wh | iere they exi | St)? (COGP – 4.4.37, 5.4.17) | |
| 7. Were methods (if an | y) used to recover escapees? If yes give detail | | | |
| 8 If all nets were dent | oyed was this action agreed with local wild fish interests a | and was perr | mission given by Scottish | |
| Ministers? (Legal, CoG | | ina mas pen | micolon given by occiden | |
| | en to prevent and minimise the risk of further escapes? (| Not covered | in code but could | |
| | r satisfactory measures of the Act) d as satisfactory with regards to containment? If no, please | se detail reas | son(s) | Υ |
| The same and mopeotor | | | (-) | |
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Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

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|--------------------|---------------|----------------------|----------------------|----------------|------------|---------|------|----------------------|
| Case No: | 2022-0025 | | | Date of visit: | 22/02/2022 | | | |
| 6'' N | E04004 | | | | | | | |
| Site No: | FS1324 | | | Inspector: | | | | |
| Results Summary | Freq. | Date of Notification | | | | | | |
| results cultillary | r req. | Database | Insp | Phone | Insp | Writing | Insp | 2 nd Insp |
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| Report Summary | | | | | | | | |
| Case Type | Date | Insp | 2 nd Insp | | | | | |
| ECI, CNI | 04/03/2022 | шэр | Z insp | | | | | |
| 201, 0111 | 0 11 001 2022 | | | | | | | |
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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0125 Date of Visit 22/02/2022

SITE NO FS1324 SITE NAME Barcaldine Hatchery Incubation 4
CASE NO 20220025 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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.

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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: 25/02/2022
Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

| FHI 059, Version 13 | ls | ssued by: FHI | Date of issue: 12/05/2020 |
|------------------------------------|---------------------------|--------------------------------|------------------------------|
| Case No: 2022-0026 | | | Date of visit: 24/02/2022 |
| Time spent on site: | rs | Main Inspecto | or: |
| Site No: FS0052 | Site Name: | College Mill | |
| Business No: FB0043 | Business Name: | College Mill Trout Farm | |
| Case Types: 1 VMD 2 | CNI 3 ECI | 5 | 6 |
| Water Temp (°C): 5 | Thermometer No: | T173 | FHI 045 completed |
| Observations: | Region: TA | Water type: F | CoGP MA |
| Dead/weak/abnormally behaving to | fish present? | | mation/clinical score sheet. |
| Clinical signs of disease observed | l? | | mation/clinical score sheet. |
| Gross pathology observed? | | N If yes, see additional infor | mation/clinical score sheet. |
| Diagnostic samples taken? | | IN | |
| UNI/REG only - if unable to carry | out intended visit detail | reason below: | |
| | | | |
| | | | |
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Additional Case Information:

The site does not conduct any treatments, except for disinfecting fallow ponds/tanks with copper sulphate to minimise snail grov

Historically there has been no processing on farm, however since re-opening ~60 fish a month are gutted on site and sent for si

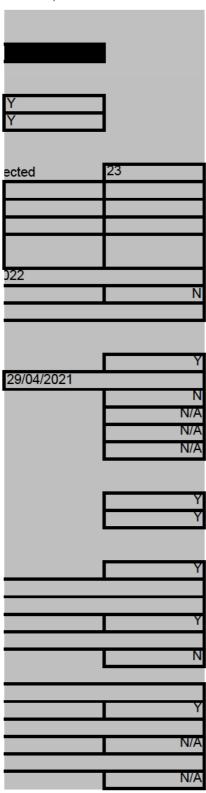
Since the rebuild, site is equipped with secondary screens and tertiary screen in some places.

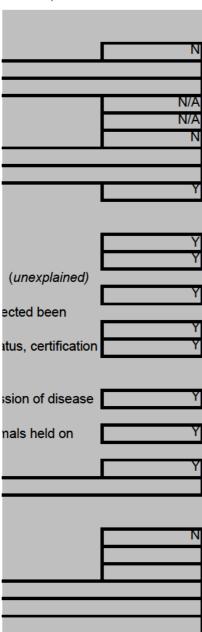
Remote paperwork inspection conducted by supervised by on 17/02/2022.

Site visit and VMD sampling conducted on 24/02/2022, supervised by

| Case No: 2022-0026 Site No: FS0052 Date of Visit: 24/02/2022 Inspector(s): Registration/Authorisation Details 1. Business/site details summary checked by site representative? 2. Changes made to details? Site Details (include cleaner fish for all sections) Total No facilities 26 Facilities stocked 23 No facilities inspective. Species RTR RTR RTR RTR TRO TRO Age group No Fish Early 2020 Late 2020 Early 2021 Late 2021 Late 2020 Late 2021 No Fish 1,326 2,717 24,569 21,835 4,389 3,334 more than 5.5lbs 1-1.5lbs 4oz-1lbs 2oz. 2oz-4oz Next Fallow Date (Site) ongoing cycle Next Input Date (Site) potentially late 20 |
|--|
| Registration/Authorisation Details 1. Business/site details summary checked by site representative? 2. Changes made to details? Site Details (include cleaner fish for all sections) Total No facilities 26 Facilities stocked 23 No facilities inspections Species RTR RTR RTR RTR TRO TRO Age group No Fish 1,326 2,717 24,569 21,835 4,389 3,334 Mean Fish Wt Mean Fish Wt |
| 1. Business/site details summary checked by site representative? 2. Changes made to details? Site Details (include cleaner fish for all sections) Total No facilities Species RTR RTR RTR RTR RTR RTR TRO TRO Age group No Fish 1,326 2,717 24,569 Mean Fish Wt Telescope State 2021 1,326 1,326 2,717 24,569 1-1.5lbs Residuate 2021 1,326 202. 202. 202.402 |
| 2. Changes made to details? Site Details (include cleaner fish for all sections) Total No facilities |
| Site Details (include cleaner fish for all sections) Total No facilities 26 Facilities stocked 23 No facilities inspectors Species RTR RTR RTR TRO TRO Age group Early 2020 Late 2020 Early 2021 Late 2020 Late 2021 No Fish 1,326 2,717 24,569 21,835 4,389 3,334 Mean Fish Wt 3.3bs-5.5lbs 1-1.5lbs 4oz-1lbs 2oz. 2oz-4oz |
| Total No facilities 26 Facilities stocked 23 No facilities inspectors Species RTR RTR RTR TRO TRO Age group Early 2020 Late 2020 Early 2021 Late 2021 Late 2020 Late 2021 No Fish 1,326 2,717 24,569 21,835 4,389 3,334 Mean Fish Wt 3.3bs-5.5lbs 1-1.5lbs 4oz-1lbs 2oz. 2oz-4oz |
| Species RTR RTR RTR TRO TRO Age group Early 2020 Late 2020 Early 2021 Late 2021 Late 2020 Late 2021 No Fish 1,326 2,717 24,569 21,835 4,389 3,334 Mean Fish Wt 3.3bs-5.5lbs 1-1.5lbs 4oz-1lbs 2oz. 2oz-4oz |
| Age group Early 2020 Late 2020 Early 2021 Late 2021 Late 2020 Late 2021 No Fish 1,326 2,717 24,569 21,835 4,389 3,334 Mean Fish Wt 3.3bs-5.5lbs 1-1.5lbs 4oz-1lbs 2oz. 2oz-4oz |
| No Fish 1,326 2,717 24,569 21,835 4,389 3,334 more than 3.3bs-5.5lbs 1-1.5lbs 4oz-1lbs 2oz. 2oz-4oz 5.5lbs |
| more than 3.3bs-5.5lbs 1-1.5lbs 4oz-1lbs 2oz. 2oz-4oz |
| Mean Fish Wt 5.5lbs |
| 5.5165 |
| () () () () () () () () () () |
| Recent (last 4 wks) disease problems? N Any escapes (since last visit)? |
| If yes, detail: |
| Movement records available for inspection? Date of last inspection: Are records complete and correctly entered? Are movement records available for dead fish and waste? Are records complete and correctly entered? Are health certificates for introductions (outwith GB) available? Transport Records 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 |
| Mortality records available for inspection? |
| 2. How are mortalities disposed of? Domestic waste - <25kg |
| If other detail: Any morts are frozen and then disposed. |
| 3. Mortality records complete and correctly entered? |
| 4. Recent mortality (last 4 wks): Single figures per week, last 4 weeks (see additional comments) |
| 5. Evidence of recent increased/atypical mortalities? |
| If yes, facility nos/no mortality per facility/no stock per facility/reason: |
| Any other peaks in mortality during period checked? |
| If yes, detail: 2021: 1810 at 10g , due to temperature 20degC |
| 7. Have increased (unexplained) mortalities been reported to vet or FHI? |
| If yes, detail action: |
| 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet. |

| Treatments and Medicines Records |
|---|
| 1. Recent treatments (see comment)? |
| 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 |
| 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 increased |
| 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 det |
| included and how and when 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 |
| if required)? |
| |
| 6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmis |
| 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 ani |
| 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? |
| 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: 29/04/2021-17/02/2022 |





| | | | issued by | 7. 1 1 11 | |
|------------|---|--|-------------|--|----------------|
| 2022-0026 | Site No: | FS0052 | | | 4/02/2022 24/ |
| VI | ВА | PA | MG | HI HI | - |
| 13:45:00 | 13:55:00 | Inspe | ctor: | VMD | No. 1 |
| ons: 1 Wet | 2 Cloudy | 3 | 4 | 5 |] |
| HIST | ВА | MG | VI | PA | Total Samples |
| | | | | | |
| | | | | | |
| 1-2 | | | | | |
| | | | | | |
| RTR | | | | | |
| 170g | | | | | |
| N/A | | | | | |
| FW | | | | | |
| | | | | | |
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| dosu | | | | | |
| Dn | | | | | |
| 7 | | | | | |
| | 13:45:00 ons: 1 Wet HIST 1-2 RTR 170g N/A FW dosund | VI BA 13:45:00 13:55:00 13:45:00 13:45:00 13:55: | NI | 2022-0026 Site No: FS0052 Date of Samp | Sampling: VI |

| 02/2022 Additional Sample Information: | | | | | | | | | | | | | |
|--|--------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | |
| 0 | 0 Total Tests assigned 0 | | | | | | | | | | | | |
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| FHI 059, Version 13 | | Issued by: FHI | | | Date o | ot issue | : 12/05/2020 |
|--|------------------------------------|---|----------|------------|-------------|----------|--------------|
| Case Number: | 2022-0026 | | Site No: | FS0052 | | Insp: | |
| Date of Visit | 24/02/2022 | | No of m | ovements/s | supp./dest. | | Score |
| Live fish movements | | | 0 | 1-5 | 6-10 | >10 | |
| Movements on (from out | Frequency of n | novements on from equivalent MS | 0 | 5 | 10 | 14 | 0 |
| with GB) of susceptible species | | novements on from equivalent zone or | 0 | 9 | 18 | 26 | 0 |
| -p | Number of sup | ncluding third country pliers | 0 | | | 14 | 0 |
| Movements off | | • | I 0 | | | 10 | 6 |
| Movements on | Frequency of n Number of des | | 0 | | 6 | 10 | 6 |
| Exposure via water | | Site contacts | . 0 | 1-5 | 6-10 | | |
| Water contacts with other farms (holding species | Farm is protection or | ted (secure water supply through borehole) | 0 | | | | |
| susceptible to same diseases) | farms upstrean | or in a coastal zone with category I n or within 1 tidal excursion | 1 | 2 | 4 | | 1 |
| | farms upstrean | or in a coastal zone with category III or within 1 tidal excursion | 1 | 3 | 6 | | |
| | | or in a coastal zone with category V n or within 1 tidal excursion | 1 | 4 | 8 | | |
| Management practices | | | None | Secure | Unsecure | | |
| Water contacts with processors | Any processing | g plant discharging into adjacent waters | 0 | 1 | 2 | | 0 |
| On farm processing within the rules of the directive | No on farm pro | cessing | 0 | | | | |
| | Processing ow | n fish (re-cycling risk) | 1 | | | | 1 |
| | Processing fish | n from MS of equivalent status | 2 | | | | |
| | Processing fish equivalent stat | n from zone or compartment of us | 4 | | | | |
| | Processing fish | n from Category III farm | 8 | | | | |
| | Processing fish | n from Category ∨ farm | 10 | | | | |
| Disposal of fish and fish by- | Site's own was | te only processed. | 0 | 1 | | | 0 |
| products | Common proce | esses with other farms | 3 | | | | |
| | Collection poin | t for waste from other farms | 5 | | | | |
| Use of unpasteurised feeds | No feeding of u | unpasteurised feed | I 0 | 1 | | | 0 |
| oss of anjudicalised losds | Feeding unpas | · · | 5 | 4 | | | |
| Biosecurity | <u> </u> | Number of sites | | J | ≥ 4 | | |
| Contacts with other sites | Sites operating | from single shorebase | T 0 | 1 | 2 | | 0 |
| | Sites sharing s | taff and equipment | 0 | 1 | 2 | | 0 |
| Disinfection of equipment between sites, use of | Yes | | 0 | | | | |
| footbaths etc | No | | 1 | | | | 1 |
| CoGP/Regulator | | | | _ | | | |
| Practices in accordance with regulator or industry | Yes | | 0 | | | | |
| code of practice | No | | 3 | | | | 3 |
| Platform access to cages | Yes | | 0 | 1 | | | 0 |
| | No | | 2 | | | | |
| | | | | | Total | | 18 MEDIUM |
| | | | | | Rank | | MEDIUM |

Case No:

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 emam 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 equ
- 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.
- 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

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)
- Have therapeutic treatments been administered or other actions taken when L. salmonis levels have exceeded the suggested criteria fc
 3.3.51)
- 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
- 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?
- Are measures in place to mitigate against the predation experienced on site? (Detail below)

bird nets, secondary and tertiary screens, wire fence around the perimeter of the site to prevent otters

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?
- 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, Co
- 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)

| FHI 059, Version 13 | Issued by: FHI | Date of issue: 12/05/2020 |
|-------------------------------------|--|---------------------------|
| 2022-0026 | Site No: FS0052 | |
| voctin honzoato), as well as acce | ess to suitable biological and/or mechanical control measures, and | |
| rectiff belizodte) as well as acce | ess to suitable biological and/or mechanical control measures, and | |
| ivalent)? | | |
| | E | |
| ed? (CoGP Annex 6) | | |
| n w/b 10/6/19) during the period | that records are inspected? | |
| | | |
| or treatment or where C. elongate | tus is considered to have welfare implications? (CoGP 4.3.82, | |
| | F | |
| | - | |
| g the escalation of a sea lice infe | estation? | |
| | <u></u> | |
| | | |
| | 7 | N Y |
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| | <u>[</u> | N |
| | E | |
| | | |
| GP – 4.4.38, 5.4.18) | | |
| 3. 4.4.00, 6.4.10) | | |
| | | Y |
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|-----------------|------------|----------|----------------------|----------------|----------------|---------|------|----------------------|
| Case No: | 2022-0026 | J | | Date of visit: | 24/02/2022 | 2 | | |
| Site No: | FS0052 | 1 | | Inspector | | | | |
| CHO TTO. | . 55552 | ı | | mopeotor. | | | | |
| Results Summary | Freq. | | | Da | te of Notifica | ation | | |
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| Report Summary | | | |] | | | | |
| Case Type | Date | Insp | 2 nd Insp | | | | | |
| ECI, CNI, VMD | 25/02/2022 | | | | | | | |
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SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0043 DATE OF VISIT 22/02/2022 SITE NO FS0052 SITE NAME College Mill

CASE NO 20220026 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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 found to be inadequately maintained.

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

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:

FS and FIS numbers not maintained in the movement records.

This was discussed at the time of the inspection and it was agreed that FS and FIS numbers will be maintained for all future movements in an electronic movement record and copies will be made available for future inspections.

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

No treatments had been administered therefore no treatment records were maintained for inspection.

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.



The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

| FHI 059, Version 13 | Issu | ed by: FHI | Date of issue: 12/05/2020 |
|---|-------------------------------|--|--|
| Case No: 2022-0030 | | | Date of visit: 28/02/2022 |
| Time spent on site: | hour | Main Inspecto | or: |
| Site No: FS0833 Business No: FB0573 | Site Name: Business Name: | Milnholm Smolt Unit Aqualife Services Ltd | |
| Case Types: 1 ECI 2 | 2CNI 3 | 4 5 | 6 |
| Water Temp (°C): 5.9 | Thermometer No: | T146 | FHI 045 completed |
| Observations: | Region: CE | Water type: F | CoGP MA |
| Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken? | • | N If yes, see additional infor | mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet. |
| UNI/REG only - if unable to carry | out intended visit detail rea | son below: | |
| | | | |
| | | | |
| | | | |

Additional Case Information:

Inputs are from Landcatch, Buckieburn or Dawnfresh.

Mort disposal to Keenan Recycling LTD Turrif - approved composting plant.

Sal morts wk7 2022 0.67% (69), wk6 0.58% (60), wk5 0.39%(45), wk4 0.1% (12) RTR morts 0.1%/site/week or lower over last four weeks

Site used as vaccination trial for automated vaccine machine. No fish moved from the site alive except to Milnholm Hatchery. Fish are culled with overdose of anaesthetic before being put through automated vaccine prototype.

Mort levels very low with fungus being only issue on site.

| FHI 059, Version 13 | | | Iss | ued by: FHI | | | Date of issu | e: 12/05/2020 |
|---|--|--|---|---------------------------|------------------|---------------|--------------|--------------------|
| Case No: | 2022-0030 | | Site No: | FS0833 | 3 | | | |
| Date of Visit: | | 28/02/2022 |] | | Inspector(s) | : | | ı |
| Registration/Autho | risation Deta | ails | | | | | | |
| 1. Business/site deta | | | ite represent | ative? | | | Υ | 1 |
| 2. Changes made to | • | ŕ | · | | | | Υ | 1 |
| Site Details (includ | e cleaner fis | h for all sect | ions) | | | | | |
| Total No facilities | | 27 | Facilities st | ocked | 4 | No facilitie | es inspected | 27 |
| Species | Sal | RTR | | | | | Τ. | |
| Age group | pre-smolt | fingerlings | | | | | | |
| No Fish | 10,303 | 1,883 | | | | | | |
| Mean Fish Wt | 60-200g | 70g | | | | | | |
| Next Fallow Date (Si | te) | May or June | 2022 | Next Input Da | ate (Site) | none plan | ed | |
| Recent (last 4 wks) | disease probl | ems? | | N | Any escape: | s (since last | visit)? | N |
| If yes, detail: | fungus | | | | | | | |
| Are records comp Are movement rec Are records comp Are health certificant Transport Records Are any movement yes, is there a syst | cords availab lete and corre ates for introd ats carried ou | le for dead fis ectly entered? luctions (outw t by (or on bel | h and waste vith GB) avail half) of the b | lable? usiness (not us | - | | | Y Y Y N/A |
| Mortality Records | | | | | | | | |
| Mortality records a | | • | | | | | | Y |
| 2. How are mortalitie | • | | | | Other (detai |) | | |
| If other detail: | collection as | waste from A | BP approve | d contractor | | | | |
| 3. Mortality records of | • | correctly ente | | | | | | Y |
| 4. Recent mortality (| | | see addition | nal info | | | | |
| 5. Evidence of recen | | • • | | , | | | | N |
| If yes, facility nos/no | mortality per | facility/no sto | ck per facilit | y/reason: | | | | |
| 6. Any other peaks in | n mortality du | ring period ch | ecked? | | | | | N |
| If yes, detail: | | 91 | | | | | | |
| 7. Have increased (| inexplained) | mortalities be | en reported t | to vet or FHI? | | | | N/A |
| If yes, detail action: | , | | | | | | | |
| 8. Have 'mortality ev | ents' been re | ported to FHI | ? If no, enter | details on moi | rtality events s | heet. | | N/A |

| Treatments and Me | | | | | |
|---------------------------|------------------|------------------------------|------------------|--|---|
| 1. Recent treatments | s (see comme | ent)? | | | Y |
| | | Aquacen | | | |
| If yes, detail: | | Formalin | | | |
| If other, detail: | | | | | |
| 2. Medicines records | | • | | | Y |
| 3. Are records comp | | • | | | Y |
| 4. Are fish in a withd | rawal period? | | | | Y |
| 5. If yes, what treatm | nent(s)? | | Aquacen - forr | malin | |
| If other, detail: | | | | | |
| 6. Are medicines sto | red appropria | ately? | | | Y |
| | | , | | | |
| Biosecurity Record | ls | | | | |
| 1. Biosecurity record | | r inspection? | | | Y |
| - | | of mortality removal, recor | ding and safe o | disposal been considered? | Y |
| | | • | _ | s or veterinary professional of any | |
| | | at the site been included? | | , c. 10.0a., p.0.000a. o. a, | Y |
| , , | | | | on of the presence of a listed disease | |
| | | w and when that will be no | | | Y |
| | | | | site been covered (equal or higher | Y |
| health status, certific | • | | | site been covered (equal of flighter | |
| ricalii statas, certino | allori ii requii | cu). | | | |
| 6. Have the husbane | Invand biose | curity massures implement | ad hatwaan aa | ch epidemiological unit to minimise | Y |
| | • | ered (movement of staff, vi | | • | |
| | | • | | • | V |
| | | • | ce to maintain t | the physical containment of | |
| aquaculture animals | | | | | V |
| | rity procedure | s been adequately implement | ented on site? | | Ť |
| If no, detail: | | | | | |
| | | | | | |
| Results of Surveilla | | | | | |
| - | | ince been carried out by, or | on behalf of, t | he business? | N |
| 2. If yes, are results | | nspection? | | | |
| 3. Any significant res | | | _ | | |
| If yes, detail (if not de | etailed under | recent disease problems). | | | |
| | | | | | |
| R | Records chec | ked between: | 3/4/19-28/2/22 | 2 | |

| FHI 059, Version 13 | | Issued by: FHI | | | Date o | of issue | : 12/05/2020 |
|--|----------------------------------|--|----------|------------|----------------------|----------|--------------|
| Case Number: | 2022-0030 | | Site No: | FS0833 | | Insp: | |
| Date of Visit | 28/02/2022 | | No of m | ovements/s | supp./dest. | | Score |
| Live fish movements | | | 0 | 1-5 | 6-10 | >10 | |
| Movements on (from out | Frequency of m | novements on from equivalent MS | 0 | 5 | 10 | 14 | 0 |
| with GB) of susceptible | Frequency of m | novements on from equivalent zone or | | | | | |
| species | | ncluding third country | 0 | | | 26 | |
| | Number of sup | pliers | 0 | 5 | 10 | 14 | |
| Movements off | Frequency of m | | 0 | | | 10 | 3 |
| | Number of des | | 0 | | - | 10 | 3 |
| Exposure via water | Ie | Site contacts | 0 | 1-5 | 6-10 | | |
| Water contacts with other farms (holding species | disinfection or l | ed (secure water supply through | O | | | | |
| susceptible to same | | or in a coastal zone with category I | | | | | |
| diseases) | | or within 1 tidal excursion | 1 | 2 | 4 | | 2 |
| | | or in a coastal zone with category III | 1 | 3 | 6 | | |
| | | or within 1 tidal excursion or in a coastal zone with category V | ' | | 0 | | |
| | | or within 1 tidal excursion | 1 | 4 | 8 | | |
| Management practices | • | | None | Secure | Unsecure | | |
| Water contacts with | Any processing | plant discharging into adjacent waters | | T | | | |
| processors | Tary processing | , plant discharging into adjacont waters | 0 | 1 | 2 | | 0 |
| On farm processing within the rules of the directive | No on farm pro | cessing | O |] | | | 0 |
| the rules of the directive | Processing own | n fish (re-cycling risk) | 1 | 1 | | | |
| | Processing fish | from MS of equivalent status | 2 | | | | |
| | Processing fish equivalent state | from zone or compartment of | 4 | | | | |
| | | from Category III farm | 8 | | | | |
| | Processing fish | from Category V farm | 10 | | | | |
| Disposal of fish and fish by- | Site's own was | te only processed. | 0 | j | | | |
| products | Common proce | esses with other farms | 3 | | | | 3 |
| | Collection poin | t for waste from other farms | 5 | | | | |
| Use of unpasteurised feeds | No feeding of u | npasteurised feed | 0 | Ī | | | 0 |
| | Feeding unpas | teurised feed | 5 | | | | |
| Biosecurity | | Number of sites | 1 | 2 or 3 | ≥ 4 | | |
| Contacts with other sites | Sites operating | from single shorebase | O | 1 | 2 | | 1 |
| | Sites sharing s | taff and equipment | 0 | 1 | 2 | | 1 |
| Disinfection of equipment | Yes | | O | | | | 0 |
| between sites, use of footbaths etc | No | | 1 | | | | |
| CoGP/Regulator | | | | - | | | |
| Practices in accordance | Yes | | 0 | | | | 0 |
| with regulator or industry code of practice | No | | 3 | | | | 0 |
| Platform access to cages | Yes | | 0 | 1 | | | 0 |
| | No | | 2 | | | | |
| | | | | | Tatal | | |
| | | | | | Total Rank | | LOW |
| | | | | | | | |

| Case No: | 2022-0030 | | Site No: | FS0833 | |
|---|----------------------------|--|---------------|------------------------------|----|
| Sea Lice Inspection (| Seawater Sites Only) | | | | |
| | | in the previous 4 years? | | | |
| 2. Is the CoGP Farm M | lanagement Area (or ed | quivalent) fallowed synchronously or | n a single y | ear class basis? | |
| | amectin benzoate) as v | enced in-feed and bath sea lice medinell well as access to suitable biological approaches access to suitable biological access to suitable bio | • | , | |
| 4. Is there a signed doo Management Area (or e | ~ | ement agreement or statement releva | ant to the si | ite and CoGP Farm | |
| | • | pection? (Legal SSI, CoGP Annex 6) standard specified in the SSI and the | | agal SSI CaCB Annay 6) | |
| o. Do records adequate | ery reflect the required s | standard specified in the 331 and the | COGF! (L | egai 33i, Coor Aillex oj | |
| 7. Are sea lice (<i>L. salm</i> records are inspected? | • | ow the suggested criteria for treatme | ent in the Co | oGP during the period that | |
| ~ | | nonis) numbers per fish been at a le od that records are inspected? | vel of 3 or a | above (prior to w/b 10/6/19) | or |
| If yes, have these been | reported to the Fish H | ealth Inspectorate? If no, FHI see co | omment. | | |
| 9. Is <i>C. elongatus</i> infes | station at a level which | is considered to cause significant we | elfare proble | ems? (CoGP 4.3.81, 5.3.50) | |
| | | stered or other actions taken when <i>L</i> longatus is considered to have welfa | | | |
| 11. Has any other action | · | | | | |
| · | | s taken had a significant impact upor | | | |
| | | out in cooperation between participa | - | | |
| sea lice? | g strategy for the site, v | where fewer populations or part popu | uiations are | neid without treatment for | |
| 15. Is there a site specirecognised scenarios of | | ment procedure with waypoints desc a sea lice infestation? | cribing set a | ctions to deal with | |
| 16. Do the sea lice leve | els observed on stocks | reflect sea lice count data? If no plea | ase detail re | easons. | |
| | | | | | |
| Containment Inspecti | on | | | | |
| 1. Has the site experier | nced equipment damag | ge due to predators in the current or | previous pro | oduction cycles? | Ν |
| | ce to mitigate against the | he predation experienced on site? (D | Detail below |) | Υ |
| tank covers | | | | | |
| If other, detail below: | | | | | |
| 3. Have escape incide | nts or events been exp | erienced on or in the vicinity of the s | ite since the | e last FHI inspection? | N |
| If Yes proceed with que | estions 4 – 9. If No skip | to question 10 | | | |
| 4. Have these been rep | ported to Scottish Minis | ters? | | | |
| 5. Have these been rep | ported to local DSFB for | rthwith (where they exist)? (CoGP - | 4.4.37, 5.4 | .17) | |
| 6. Have these been rep | ported to the SSPO and | I local fisheries trusts forthwith (wher | re they exist | t)? (CoGP – 4.4.37, 5.4.17) | |
| 7. Were methods (if an | y) used to recover esca | apees? If yes give detail | | | |
| 8. If gill nets were deplo | oyed was this action ag | reed with local wild fish interests and | d was perm | ission given by Scottish | |
| Ministers? (Legal, CoG | P – 4.4.38, 5.4.18) | | | | |
| | • | mise the risk of further escapes? (No | ot covered in | n code but could | |
| | r satisfactory measur | | | | |
| 10. Is the site inspected | d as satisfactory with re | egards to containment? If no, please | detail reaso | on(s) | Υ |
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Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

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|-----------------------|--------------|----------|----------------------|----------------------|------------|------------|------|----------------------|--|
| Case No: | 2022-0030 | J | | Date of visit: | 28/02/2022 | <u>"</u>] | | | |
| Site No: | FS0833 | 1 | | Inspector: | | | | | |
| | | ı | | opcotor. | | | | | |
| Results Summary | Freq. | | | Date of Notification | | | | | |
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| Report Summary | | | | 1 | | | | | |
| | Date | Insp | 2 nd Insp | | | | | | |
| Case Type ECI, CNI | 07/03/2022 | | | | | | | | |
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SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0573 Date of Visit 28/02/2022

SITE NO FS0833 SITE NAME Milnholm Smolt Unit

Case No 20220030 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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.

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.

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

Medicine records were inspected and found to be adequately maintained.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed:

charter/

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-

Date: 07/03/2022

| FHI 059, Version 13 | Issue | ed by: FHI | Date of issue: 12/05/2020 |
|--|--------------------------------|--|--|
| Case No: 2022-0039 | | | Date of visit: 28/02/2022 |
| Time spent on site: | | Main Inspecto | r: |
| Site No: FS0544 Business No: FB0317 | Site Name: Business Name: | Glen Orrin Fish Farm Glen Orrin Fish Farm | |
| Case Types: 1 ECI 2 | 2 CNI 3 VMD | 4 5 | 6 |
| Water Temp (°C): 6.8 | Thermometer No: | T152 | FHI 045 completed |
| Observations: | Region: HI | Water type: F | CoGP MA: |
| Dead/weak/abnormally behaving for Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken? | • | N If yes, see additional inform | mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet. |
| UNI/REG only - if unable to carry of | out intended visit detail reas | son below: | |
| | | | |
| | | | |
| | | | |

Additional Case Information:

Site strips their own eggs and has a hatchery on site. Fish on site are from the sites own stock. Ova were inspected and very few dead eggs were observed in the trays.

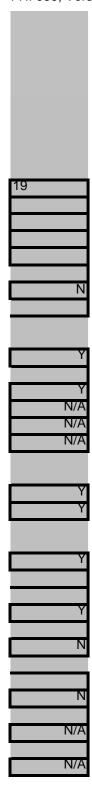
Fish on site also appeared in good health and were very active in the tanks when the lids were opened. No physical damage was observed in the vast majority of fish, with only some minor fin damage noted on the larger fish.

No treatments have been done on the site. If site were to ever hold medicines, they would be stored in the house, in a cupboard where access could be controlled.

Fish sampled for VMD appeared healthy externally and internally.

| FHI 059, Version 1 | 3 | | lss | sued by: FHI | | Date of issue: 12/05/202 |
|---|--|--|------------------------------------|---------------------------|-----------------|--------------------------|
| Case No: | 2022-0039 | | Site No: | FS05 | 544 | |
| Date of Visit: | | 28/02/202 | 22 | | Inspector | (s): |
| Registration/Auth | orisation Det | aile | _ | | | |
| Business/site de Changes made | tails summary | | site represer | ntative? | | Y Y |
| Site Details (inclu | de cleaner fis | sh for all sec | tions) | | | |
| Total No facilities | | 19 | Facilities s | stocked | 6 | No facilities inspected |
| Species | RTR | RTR | RTR | RTR | | |
| Age group | 2019 | 2020 | 2021 | Ova | | |
| No Fish | 270 | 2,000 | 3,000 | 3 trays | | |
| Mean Fish Wt | 300g-9kg | 240-400g | 30-50g | <1g | | |
| Next Fallow Date (| ′ | No plans. | | Next Input | Date (Site) | N/A |
| Recent (last 4 wks) If yes, detail: | disease prob | lems? | | | N Any esca | pes (since last visit)? |
| Are records com Are movement r Are records com Are health certifit Transport Record Are any movement yes, is there a sy | ecords available plete and correctes for introduced in the corrected output to | ole for dead fi rectly entered ductions (out at by (or on b | ish and wastons: I? with GB) avail | ailable? business (not | | ? |
| Mortality Records 1. Mortality records 2. How are mortality | available for i | • | | | Domestic | : waste - <25kg |
| If other detail: | | | | | | |
| 3. Mortality records 4. Recent mortality 5. Evidence of rece If yes, facility nos/n | (last 4 wks): ent increased/a | atypical morta | No mortali alities? | | | |
| 6. Any other peaks | in mortality du | uring period o | checked? | | | |
| If yes, detail: 7. Have increased | (unexplained) | mortalities h | een reported | to vet or FHI |) | |
| If yes, detail action | , , , | ortantics D | con reported | +51 01 1 111 | | |
| 8. Have 'mortality e | | eported to El- | II? If no ente | er details on m | ortality events | s sheet |

| Treatments and Medicines Records |
|--|
| Recent treatments (see comment)? 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? |
| 6. Are medicines stored appropriately? |
| Biosecurity Records |
| Biosecurity records available for inspection? |
| 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered? |
| 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? |
| 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? |
| 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: 24/02/2020 - 28/02/2022 |





| FHI 059, Version 13 | | Issued by: FHI | | | Date of | of issue | : 12/05/2020 |
|--|-------------------------------------|--|----------|--------------|-------------|----------|--------------|
| Case Number: | 2022-0039 | | Site No: | FS0544 | | Insp: | |
| Date of Visit | 28/02/2022 | | No of m | ovements/s | supp./dest. | | Score |
| Live fish movements | | | 0 | 1-5 | 6-10 | >10 | |
| Movements on (from out | Frequency of m | ovements on from equivalent MS | 0 | 5 | 10 | 14 | 0 |
| with GB) of susceptible | | ovements on from equivalent zone or | | | 4.0 | | |
| species | | cluding third country | 0 | | | 26 | 0 |
| | Number of supp | bliers | 0 | 5 | 10 | 14 | 0 |
| Movements off | Frequency of m | | 0 | | | 10 | 10 |
| | Number of dest | | 0 | | - | 10 | 3 |
| Exposure via water | - | Site contacts | 0 | 1-5 | 6-10 | | |
| Water contacts with other farms (holding species | farm is protected disinfection or b | ed (secure water supply through orehole) | 0 | | | | 0 |
| susceptible to same | | or in a coastal zone with category I | | | | | |
| diseases) | | or within 1 tidal excursion | 1 | 2 | 4 | | |
| | | or in a coastal zone with category III or within 1 tidal excursion | 1 | 3 | 6 | | |
| | Farm is on-line | or in a coastal zone with category V | | | | | |
| | farms upstream | or within 1 tidal excursion | 1 | 4 | 8 | | |
| Management practices | | | None | Secure | Unsecure | | |
| Water contacts with processors | Any processing | plant discharging into adjacent waters | 0 | 1 | 2 | | 0 |
| On farm processing within the rules of the directive | No on farm prod | cessing | 0 | | | | 0 |
| the rules of the directive | Processing own | fish (re-cycling risk) | 1 | 1 | | | |
| | Processing fish | from MS of equivalent status | 2 | 2 | | | |
| | Processing fish equivalent statu | from zone or compartment of | 4 | | | | |
| | Processing fish | from Category III farm | 8 | 3 | | | |
| | Processing fish | from Category V farm | 10 |) | | | |
| Disposal of fish and fish by- | Site's own wast | e only processed. | 0 | <u> </u> | | | 0 |
| products | Common proces | sses with other farms | 3 | 3 | | | |
| | Collection point | for waste from other farms | 5 | 5 | | | |
| Use of unpasteurised feeds | No feeding of u | npasteurised feed | 0 | 0 | | | 0 |
| | Feeding unpast | eurised feed | 5 | | | | |
| Biosecurity | | Number of sites | 1 | 2 or 3 | ≥ 4 | | |
| Contacts with other sites | Sites operating | from single shorebase | 0 | 1 | 2 | | 0 |
| | Sites sharing st | aff and equipment | 0 | 1 | 2 | | 0 |
| Disinfection of equipment | Yes | | 0 | | | | 0 |
| between sites, use of footbaths etc | No | | 1 | 1 | | | |
| CoGP/Regulator | | | • | - | | | |
| Practices in accordance | Yes | | 0 | | | | 0 |
| with regulator or industry code of practice | No | | 3 | 3 | | | |
| Platform access to cages | Yes | | | | | | 0 |
| a.tomi addodd to dagod | No | | 2 | | | | 0 |
| | 1.10 | | | | | | |
| | | | | | Total | | 13 |
| | | | | | Rank | | LOW |

| Case No: | 2022-0039 | S | Site No: FS0544 | |
|--|---|--|--|----|
| Sea Lice Inspection | (Seawater Sites Only | | | |
| - | - | s in the previous 4 years? | | |
| - | · | equivalent) fallowed synchronously on a | a single year class basis? | |
| azamethiphos and en | • | cenced in-feed and bath sea lice medica well as access to suitable biological and d of time? | • | |
| 4. Is there a signed do Management Area (or | | gement agreement or statement relevan | t to the site and CoGP Farm | |
| | | spection? (Legal SSI, CoGP Annex 6) I standard specified in the SSI and the C | CoCD2 /Loggl SSL CoCD Appay 6) | |
| 6. Do records adequa | itely reflect the required | i standard specified in the 55i and the C | Code? (Legal SSI, Code Affilex 6) | |
| 7. Are sea lice (<i>L. sal.</i> records are inspected | | elow the suggested criteria for treatment | t in the CoGP during the period that | |
| | | Imonis) numbers per fish been at a leve iod that records are inspected? | el of 3 or above (prior to w/b 10/6/19) or | |
| • | • | Health Inspectorate? If no, FHI see com | | |
| 9. Is C. elongatus infe | estation at a level whic | n is considered to cause significant welfa | are problems? (CoGP 4.3.81, 5.3.50) | |
| | | istered or other actions taken when L. selongatus is considered to have welfare | | |
| • | ion been taken (where | • • • • • • | | |
| · · | | ns taken had a significant impact upon the | | |
| | | d out in cooperation between participatir | _ | |
| sea lice? | ing strategy for the site | , where fewer populations or part popula | alions are neid without treatment for | |
| | ecific written lice managescalation of a sea lice | ement procedure with waypoints describing infestation? | bing set actions to deal with recognised | |
| 16. Do the sea lice lev | vels observed on stock | s reflect sea lice count data? If no pleas | e detail reasons. | |
| | | | | |
| Containment Inspec | tion | | | |
| - | | age due to predators in the current or pre | evious production cycles? | N |
| - | • • | the predation experienced on site? (Det | • | Υ |
| Weighted tank | | | | |
| If other, detail below | V: | | | |
| Have escape incid | lents or events been ex | perienced on or in the vicinity of the site | e since the last FHI inspection? | N |
| | uestions 4 – 9. If No sk | | | 14 |
| | eported to Scottish Min | | | |
| 5. Have these been re | eported to local DSFB | orthwith (where they exist)? (CoGP - 4. | .4.37, 5.4.17) | |
| 6. Have these been re | eported to the SSPO a | nd local fisheries trusts forthwith (where | they exist)? (CoGP – 4.4.37, 5.4.17) | |
| 7. Were methods (if a | any) used to recover es | capees? If yes give detail | | |
| 8. If aill nets were der | ploved was this action a | greed with local wild fish interests and v | was permission given by Scottish | |
| Ministers? (Legal, Co | | | , and a given a given and | |
| | · | imise the risk of further escapes? (Not o | covered in code but could | |
| | er satisfactory measu | | | |
| 10. Is the site inspect | ed as satisfactory with | regards to containment? If no, please de | etail reason(s) | Υ |
| | | | | |
| | | | | |

Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

| FHI 0 | 959, Version 13 | | | | | | | Iss | ued by: | FHI | | | |
|-----------|---------------------------|--------------------------------|---------|----------|------|--------|----------|-----|-----------------|----------|--------|-------------|--------|
| Ca | ase no: | 2022-00 |)39 | Site No: | | FS0544 | | | Date of Samplin | | 28/ | 02/2022 | 28/0 |
| Pr | iority samples: | VI | | ВА | | PA | | MG | Sampiii | g. HI | | 1 | |
| sta | me sampling arts/ends: | | 0:00 | 14:1 | 0:00 | | Inspecto | or: | | | VMD No | o. • | 1 |
| Er | nvironmental conditions: | 1 | Indoors | 2 | | 3 | | 4 | | 5 | | | |
| Su | ummary samples | HIST | | ВА | | MG | | VI | | PA | | Total Sa | amples |
| | | | | | | | | | | | | | |
| | Fish/Pools - click | | | | | | | | | | | | |
| | ool/Fish No | | | | | | | | | | | | |
| | sh nos | F1 | | | | | | | | | | | |
| Po | ool Group | | | | | | | | | | | | |
| | pecies | RTR | | | | | | | | | | | |
| Αv | erage weight | 300g | | | | | | | | | | | |
| Se | ex | N/A | | | | | | | | | | | |
| W | ater Type | FW | | | | | | | | | | | |
| <u>s </u> | | Glen Orrin Fish Farm FS0544 | | | | | | | | | | | |
| Details | | Orr | | | | | | | | | | | , |
| | | ra L | | | | | | | | | | | , |
| Sto Sto | ock Origin | Gle | | | | | | | | | | | , |
| ₹ Fa | acility No | 2 | | | | | | | | | | | |

|)2/2022 | Additional Sample Information: Dispatched by percussive blow. | | | | | | | | | | | |
|---------|--|----------|----------|--------|---|--|--|--|--|--|--|--|
| 0 | | Total To | ests ass | signed | 0 | | | | | | | |
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| Case No: | 2022-0039 | | | Date of visit | 28/02/2022 | 2 | | |
|----------------------------|------------|----------|----------------------|---------------|-----------------|----------|------|----------------------|
| Site No: | FS0544 |] | | Inspector | | • | | |
| Results Summary | Freq. | | | Da | ate of Notifica | ation | | |
| recount Cammary | 1 104. | Database | Insp | Phone | Insp | Writing | Insp | 2 nd Insp |
| | _ | | ' | | ' | <u> </u> | - | 2 11100 |
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| Report Summary | | | | 1 | | | | |
| Case Type | Date | Insp | 2 nd Insp | | | | | |
| Case Type ECI, CNI, VMD | 07/03/2022 | | | | | | | |
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SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0317 Date of Visit 28/02/2022

SITE NO FS0544 SITE NAME Glen Orrin Fish Farm

Case No 20220039 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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.

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

Mortality records were inspected and found to be adequately maintained.

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

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.

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

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: 07/03/2022
Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

| FHI 059, Version 13 | Is | sued by: FHI | Date of issue: 12/05/2020 |
|---|--------------------------------|-----------------------------|----------------------------------|
| Case No: 2022-0045 | | | Date of visit: 23/02/2022 |
| Time spent on site: | 1hr | Main Insp | ector: |
| Site No: SS0740 | Site Name: | Scottish Association for Ma | arine Science |
| Business No: SB0473 | Business Name: | Scottish Association for Ma | arine Science |
| Case Types: 1 ECI | 2 CNI 3 UNI | 4 5 | 6 |
| Water Temp (°C): 10.6 | Thermometer No: | T173 | FHI 045 completed |
| Observations: | Region: ST | Water type: S | CoGP MA |
| Dead/weak/abnormally behavir | ng fish present? | N If yes, see additional in | nformation/clinical score sheet. |
| Clinical signs of disease observ | /ed? | | nformation/clinical score sheet. |
| Gross pathology observed? Diagnostic samples taken? | | N If yes, see additional ii | nformation/clinical score sheet. |
| Diagnostic samples taken: | | IN . | |
| UNI/REG only - if unable to car | ry out intended visit detail r | eason below: | |
| | | | |
| | | | |
| | | | |

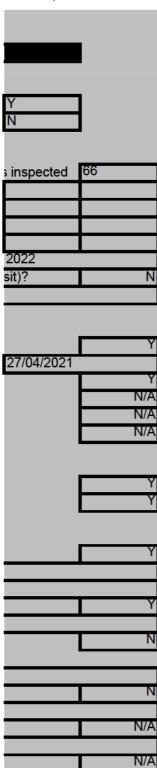
Additional Case Information:

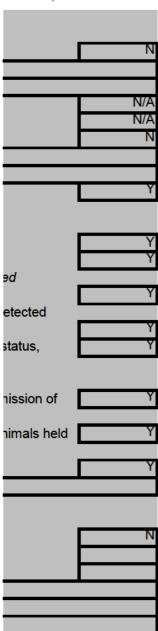
The stock currently on site consists of native oysters, mussels, edible and green urchins, as well as sea cucumbers. The oysters originate from Loch Ryan and are part of the NEUROSHELL project, whereas the mussels from Loch Leven are used in undergraduate practicals. A white leg shrimp project ran from June 2021 to September 2021.

Site inspection conducted on 23/02/2022 by and supervised by supervised

| FHI 059, Version 1 | 3 | | Issued by: FHI | | Da | ate of issue: 12/05/20 | 20 |
|--|--|----------------------------|-----------------------------------|------------------|--------------------|------------------------|----|
| Case No: | 2022-0045 | | Site No: | SS07 | 40 | | |
| Date of Visit: | | 23/0 | 2/2022 | | Inspector(s): | | |
| Registration/Auth | orisation Det | ails | | | | | |
| | _ | checked by site repre | sentative? | | | | |
| 2. Changes made | to details? | | | | | | |
| Site Details (inclu | de cleaner fis | sh for all sections) | | | | | |
| Total No facilities | ido orodinor m | 66 | Facilities st | tocked | 25 | No facilities | |
| Species | OED | MED | ESU | GSU | Holothuria | | |
| Age group | 2020 | 2022 | ~8years | ~8years | ~8years | | |
| No Fish | 79 | 20 | 763 | 135 | 55 | | |
| Mean Fish Wt | mixed | mixed | mixed | mixed | mixed | | |
| Next Fallow Date (| • | never fallow | | Next Input | | end March | |
| Recent (last 4 wks |) disease prob | lems? | | | N Any escapes | s (since last vis | |
| If yes, detail: | | | | | | | |
| 5. Are records com 6. Are health certifi Transport Record 1. Are any movement | ecords available plete and corricates for introles for introles ents carried out | ole for dead fish and wa | available? he business (not us | | | | |
| Mortality Records | | | | | | | |
| Mortality records | | | | | | | |
| 2. How are mortali | | | | | Domestic wa | iste - <25kg | |
| If other detail: | | then autoclaved prior | to putting into dome | estic waste. | | | |
| • | • | d correctly entered? | 4 (| | 1.6.1.16 | <u> </u> | |
| 4. Recent mortality | | atypical mortalities? | 1 native oy | sters; 41 mus | sels for last four | weeks | |
| | | ** | noility/roacon: | | | | |
| ii yes, iacility nos/r | io mortality pe | r facility/no stock per fa | acility/reason. | | | | |
| 6. Any other peaks | in mortality du | uring period checked? | | | | | |
| If yes, detail: | | | | | | | |
| 7. Have increased | (unexplained) | mortalities been repor | ted to vet or FHI? | | | | |
| If yes, detail action | : | | | | | | |
| 8. Have 'mortality e | events' been re | ported to FHI? If no, e | enter details on mo | rtality events s | sheet. | | |
| | | | | | | | |

| Treatments and Medicines Records |
|--|
| 1. Recent treatments (see comment)? |
| 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 |
| Biosecurity records available for inspection? |
| 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>increase</i> |
| (unexplained) 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 d |
| 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 transn |
| 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 at |
| on site? |
| 8. Have the biosecurity procedures been adequately implemented on site? |
| If no, detail: |
| Paralle of Organillaria |
| Results of Surveillance |
| 1. Has any animal health surveillance been carried out by, or on behalf of, the business? |
| 2. If yes, are results available for inspection? |
| 3. Any significant results? |
| If yes, detail (if not detailed under recent disease problems). |
| Popards shocked between: 27/04/2021 28/02/2022 |





| FHI 059, Version 13 | Issued by: FHI | | | | Date of iss |
|---|---|-------|-----------------------------------|---|-------------|
| Case Number: | 2022-0045 Site No: | SS074 | 0 | | |
| Date of ∀isit | 23/02/2022 Inspector: | | | l | |
| Number of Susceptib | ole species on site | | | | |
| | ies present = <u>LOW</u> risk | | | | |
| If susceptible species | present, score for each pathogen | | No | Yes | |
| | Susceptible to Bonamia ostrea (OED) | | 0 | 25 | 25 |
| | Susceptible to Marteilia refringens (OED, MED) | | 0 | 3 | 3 |
| | Susceptible to OsHV (CGI) | 0 | 3 | 0 | |
| Sites within a tidal e | ccursion | 1 | 2-5 | >6 | |
| Site contacts | Number of sites holding susceptible species within a tidal excursion | 0 | 2 | 10 | 2 |
| Live shellfish moven | nents | 0 | 1-2 | >3 | |
| Movements on | Frequency of movements on from equivalent MS | 0 | 5 | 10 | 0 |
| | Frequency of movements on from equivalent zone or compartment including third country | 0 | 10 | 20 | 0 |
| | Number of suppliers | 0 | 5 | 10 | 0 |
| Movements off | | | | | |
| Wovernerits on | Frequency of movements off <u>within</u> MSS Management Areas | 0 | 1 | 2 | 0 |
| | Frequency of movements off <u>outwith</u> MSS Management Areas | 0 | 3 | 6 | 0 |
| | Number of destinations | 0 | 3 | 6 | 0 |
| Management practices | | None | Secure (effluent treatment) | Unsec ure (no effluen t treatm ent) | |
| Water contacts with depuration facilities | Depuration of stock from own sites within MSS management area | 0 | 1 | 2 | 0 |
| | Depuration of stock from other businesses sites within MSS management area | 0 | 2 | 6 | 0 |
| | Depuration of stock from sites outwith MSS management | | | | |
| | area | 0 | 4 | 8 | 4 |
| Biosecurity | Number of sites | 1 | 2 or 3 | ≥ 4 | |
| Contacts with other sites | Sites operating from single shorebase Sites sharing staff and equipment | 0 | 1 | 2 5 | 0 |
| Siles | Sites sharing stail and equipment | Ů | Yes | No No | ů |
| | s etc | 0 | 2 | 0 | |
| | | | Total Risk | | 34 HIGH |

| Case No: | 2022-0045 | | | Date of visit: | 23/02/2022 | | | | |
|-----------------|------------|----------------------|----------------------|----------------|------------|---------|------|----------------------|--|
| Site No: | SS0740 | 1 | | Inspector: | | | | | |
| One 140. | 000140 | | | пізрескої. | | | | | |
| Results Summary | Freq. | Date of Notification | | | | | | | |
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SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0473 Date of Visit 23/02/2022

SITE NO SS0740 SITE NAME Scottish Association for Marine Science

CASE NO 20220045 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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.

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

Mortality records were inspected and found to be adequately maintained.

No 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.

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

Signed:

Date: 28/02/2022

R14

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/