

Case No: 2022-0067 Date of visit: 18/05/2022

Time spent on site: 5 hours Main Inspector:

Site No: FS1176 Site Name: Eilean Grianain
Business No: FB0119 Business Name: Mowi Scotland Ltd

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

Water Temp (°C): 9 Thermometer No: T146 FHI 045 completed

Observations: Region: ST Water type: S CoGP MA: M-47

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

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

**Additional Case Information:**

This cycle input week 44 2021. Lice levels have remained below criteria for treatment; very low peaking at 0.01 week 6 and 7 2022- average adult female. Mortality this cycle peaked at 0.51% wk13 2022 (9842 fish) attributed to physical damage - Health report of 21/3/22 observed. Morts attributed to physical damage due to strong south easterly winds and a smaller amount of seal damage.

Fish input in October 2021 from Loch Lochy, Loch Garry and Loch Ness

Wrasse input in next month or two from Anglesey or Dorset

Lump fish farmed from Dorset input 11/1/22- 15/1/22.

Dead haul harvest with Aquascotia into Campbeltown then tankers to Blar Mhor. Ireland and Blar Mhor will be used for future harvests.

This cycle no treatments apart from 3 hour FW treatment week 10/5/22 with .Aquaskye. - AGD treatment for salmon . Gills looking good post treatment.

Cleanerfish mortality for period input Jan 2022 until 10/5/22 is 13.4% for north part of site and 14.9% for south part of site. Cleaner fish are not removed for 3 hour well boat freshwater treatments

Large swell on site did not allow access to full circumference of pens

Case No:  Site No:

Date of Visit:  Inspector(s):

**Registration/Authorisation Details**

1. Business/site details summary checked by site representative?

2. Changes made to details?

**Site Details (include cleaner fish for all sections)**

Total No facilities	<input type="text" value="20"/>	Facilities stocked	<input type="text" value="20"/>	No facilities inspected	<input type="text" value="20"/>
Species	<input type="text" value="Sal"/>	<input type="text" value="Lump fish"/>			
Age group	<input type="text" value="2021 Q4"/>	<input type="text" value="2022 input"/>			
No Fish	<input type="text" value="1,892,050"/>	<input type="text" value="103,193"/>			
Mean Fish Wt	<input type="text" value="1.5"/>	<input type="text" value="40g"/>			
Next Fallow Date (Site)	<input type="text" value="June 2023"/>		Next Input Date (Site)	<input type="text" value="Oct 2023 Loch lochy and Garry"/>	
Recent (last 4 wks) disease problems?	<input type="text" value="N"/>		Any escapes (since last visit)?	<input type="text" value="N"/>	
If yes, detail:	<input type="text" value=""/>				

**Movement Records**

1. Movement records available for inspection?

2. Date of last inspection:

3. Are records complete and correctly entered?

4. Are movement records available for dead fish and waste?

5. Are records complete and correctly entered?

6. Are health certificates for introductions (outwith GB) available?

**Transport Records**

1. Are any movements carried out by (or on behalf) of the business (not using a STB)?

If yes, is there a system in place for maintenance of transportation records?

**Mortality Records**

1. Mortality records available for inspection?

2. How are mortalities disposed of?

If other detail:

3. Mortality records complete and correctly entered?

4. Recent mortality (last 4 wks):

5. Evidence of recent increased/atypical mortalities?

If yes, facility nos/no mortality per facility/no stock per facility/reason:

6. Any other peaks in mortality during period checked?

If yes, detail:

7. Have increased (unexplained) mortalities been reported to vet or FHI?

If yes, detail action:

8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.

**Treatments and Medicines Records**

1. Recent treatments (see comment)?	<input type="checkbox"/>	Y
If yes, detail:	T.M.S.	
If other, detail:		
2. Medicines records available for inspection?	<input type="checkbox"/>	Y
3. Are records complete and correctly entered?	<input type="checkbox"/>	Y
4. Are fish in a withdrawal period?	<input type="checkbox"/>	Y
5. If yes, what treatment(s)?	T.M.S.	
If other, detail:		
6. Are medicines stored appropriately?	<input type="checkbox"/>	Y

**Biosecurity Records**

1. Biosecurity records available for inspection?	<input type="checkbox"/>	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	<input type="checkbox"/>	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> mortality at the site been included?	<input type="checkbox"/>	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	<input type="checkbox"/>	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	<input type="checkbox"/>	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	<input type="checkbox"/>	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	<input type="checkbox"/>	Y
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>	Y
If no, detail:		

**Results of Surveillance**

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	<input type="checkbox"/>	Y
2. If yes, are results available for inspection?	<input type="checkbox"/>	Y
3. Any significant results?	<input type="checkbox"/>	Y
If yes, detail (if not detailed under recent disease problems).	physical damage mainly in pens 5,6 and 11 scale and mucous loss. Lumpfish mortality increasing with clinical <i>Pseudomonas anguilliseptica</i> previously diagnosed.	
Tenacibaculum sp has been present on site but no evidence of attributed mortality 23/3/22 - no treatments required.		
Records checked between:	28/8/20- 18/5/22	

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

Priority samples: VI  BA  PA  MG  HI

Time sampling starts/ends:   Inspector:  VMD No.

Environmental conditions: 1  2  3  4  5

Summary samples HIST  BA  MG  VI  PA  Total Samples

**Add Fish/Pools - click**

Pool/Fish No													
Fish nos	1	2	3	4	5	6							
Pool Group													
Species	SAL	SAL	SAL	SAL	SAL	SAL							
Average weight	1.5000	1.5000	1.5000	1.5000	1.5000	1.5000							
Sex													
Water Type	SW	SW	SW	SW	SW	SW							
Stock Origin	Lochy	Lochy	Ness	Garry	Ness	Lochy							
Facility No	7	9	13	17	19	11							

05/2022 Additional Sample Information:  
 Cages 7,9,11,13,17 and 19, Killed with TMS OD.

Total Tests assigned


Case Number:	2022-0067	Site No:	FS1176	Insp:		
Date of Visit	18/05/2022	No of movements/supp./dest.			Score	
<b>Live fish movements</b>		<b>0</b>	<b>1-5</b>	<b>6-10</b>	<b>&gt;10</b>	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	
	Number of suppliers	0	5	10	14	
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
<b>Exposure via water</b>	<b>Site contacts</b>	<b>0</b>	<b>1-5</b>	<b>6-10</b>		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		1
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
<b>Management practices</b>		<b>None</b>	<b>Secure</b>	<b>Unsecure</b>		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				
	Processing own fish (re-cycling risk)	1				1
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				0
	Common processes with other farms	3				
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
<b>Biosecurity</b>	<b>Number of sites</b>	<b>1</b>	<b>2 or 3</b>	<b>≥ 4</b>		
Contacts with other sites	Sites operating from single shorebase	0	1	2		0
	Sites sharing staff and equipment	0	1	2		0
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
<b>CoGP/Regulator</b>						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
<b>Total Rank</b>					<b>15</b>	<b>LOW</b>

Case No: **2022-0067**

Site No: **FS1176**

**Sea Lice Inspection (Seawater Sites Only)**

- 1. Has the site experienced sea lice problems in the previous 4 years?
- 2. Is the CoGP Farm Management Area (or equivalent) followed synchronously on a single year class basis?
- 3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?
- 4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
- 5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
- 6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
- 7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)
- 8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?
- If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
- 9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
- 10. Have therapeutic treatments been administered or other actions taken when *L. salmonis* levels have exceeded the suggested criteria for treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)
- 11. Has any other action been taken (where applicable)?
- 12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
- 13. Are treatments, where conducted, carried out in cooperation between participating farms?
- 14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
- 15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?
- 16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

**Containment Inspection**

- 1. Has the site experienced equipment damage due to predators in the current or previous production cycles?
- 2. Are measures in place to mitigate against the predation experienced on site? (Detail below)
- top nets
- If other, detail below:
- 3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?
- If Yes proceed with questions 4 – 9. If No skip to question 10
- 4. Have these been reported to Scottish Ministers?
- 5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
- 6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
- 7. Were methods (if any) used to recover escapees? If yes give detail
- 8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)
- 9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)
- 10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)



Case No: 2022-0067

Site No: FS1176

Date of Visit: 18/05/2022

Inspector: [REDACTED]

**Point of Compliance**

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

If N, no further questions require completion.

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

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

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

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

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

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

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

**Arrangements for Fish Health Management**

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

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

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

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

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

**Arrangements for The Management of Sea Lice**

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

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

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

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

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

**Live Fish Movements**

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

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

**Harvesting**

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

**Fallowing**

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

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

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

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

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

**Management and operation**

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

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



Site No: FS1176
Case No: 2022-0067
Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology



Case No: **2022-0067** Date of visit: **18/05/2022**  
Site No: **FS1176** Inspector: **[REDACTED]**

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp

Report Summary			
Case Type	Date	Insp	2 <sup>nd</sup> Insp
ECI, CNI, SLI, VMD	26/05/2022		

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0119	<b>DATE OF VISIT</b>	18/05/2022
<b>SITE No</b>	FS1176	<b>SITE NAME</b>	Eilean Grianain
<b>CASE No</b>	20220067	<b>INSPECTOR</b>	[REDACTED]

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

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

All epidemiological units were inspected. On this occasion no samples were taken for disease analysis. The Inspector did not observe any clinical signs associated with the listed diseases as described in the Aquatic Animal Health (Scotland) Regulations 2009.

### Records

The surveillance frequency category of the site was assessed as 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.

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.

Signed:



Date: 26/05/2022

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/>

Case No: 2022-0090 Date of visit: 02/05/2022

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

Site No: FS0843 Site Name: Evanachan Marine Hatchery  
Business No: FB0012 Business Name: Otter Ferry Seafish Ltd

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

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

Observations: Region: ST Water type: S CoGP MA M-42

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

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

**Additional Case Information:**

Accompanied the OV to offer assistance with the completion of two export documents for a consignment of wrasse larvae to Norway. Recent mortality and movement records were checked by the OV. Only records relating to the fish to be exported were inspected by the OV. No records were recorded during the visit as this was not a requirement by the OV.

The OV completed both certificates.





## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0012	<b>DATE OF VISIT</b>	02/05/2022
<b>SITE No</b>	FS0843	<b>SITE NAME</b>	Evanachan Marine Hatchery
<b>CASE No</b>	20220090	<b>INSPECTOR</b>	[REDACTED]

#### Inspection for export

The above site was visited and a consignment of wrasse larvae for export to Norway was inspected. Two health certificates were issued which must travel with the consignment to the destination.

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

Signed:



Date: 03/11/2022

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/>

Case No: 2022-0101 Date of visit: 17/05/2022

Time spent on site: 3 hours Main Inspector:

Site No: FS1209 Site Name: Ouseness
Business No: FB0095 Business Name: Cooke Aquaculture Scotland Ltd

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

Water Temp (°C): 9.5 Thermometer No: T308 FHI 045 completed

Observations: Region: OR Water type: S CoGP MA: O-1

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

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

**Additional Case Information:**

2022 S1: Wk 14, 27501, 7.70% (includes mortality that is related to post transfer mortality and is within 6 weeks). Most affected pens on site are pen 9,10 and 11.

Stock from Loch Garasdale. Only transferred onto site Wk 7 of 2022. Mortality has been above 1% even after 6 weeks post transfer. Stock was transferred onto site at 200-250g due to site having experienced a delay in fallowing and fish were ready for on-growing. Ouseness is conducting organic production with no cleanerfish present on site.

Prior to transfer, fungus was observed in fish at Loch Garasdale. Fish are transferred on site by Migdale wellboats.

Site has access to ROV and conducts a yearly survey of the nets on site. In addition, mortality is removed/uplifted and checked with the 'Foover'.

Transfer of the fish occurred during stormy weather, including a long journey in the wellboat. This resulted in scrubbing of flanks of the fish into the pens. Fungus increased on these scaled areas. Mortalities began to increase and were attributed to the transfer journey. Further increases in mortality occurred and health visit on the 22/03/2022 from company vet team was conducted with histology and PCR samples sent for analysis. Histology returned with conclusion that primary skin trauma, with secondary bacterial ulceration and penetrating infection were the cause of mortalities. PCR samples came back negative. As mortalities continued to increase, most recent screening has been conducted (PCR) and samples were positive for moritella and Tenacibaculum maritimum. FHI conducted a diagnostic test on 17/05/2022.

4 fish were sampled during diagnostic test. All fish were found to possess lesions on flanks.

Remote inspection conducted by [REDACTED] on 13/05/2022, supervised by [REDACTED].

Site inspection conducted by [REDACTED] on 17/05/2022, supervised by [REDACTED]. Diagnostic samples also taken on this date. Company vet accompanied the inspection. In addition, VMD samples were taken on 17/05/2022 by [REDACTED].

Case No:  Site No:   
 Date of Visit:  Inspector(s):

**Registration/Authorisation Details**

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

**Site Details (include cleaner fish for all sections)**

Total No facilities	<input type="text" value="10"/>	Facilities stocked	<input type="text" value="6"/>	No facilities inspected	
Species	<input type="text" value="SAL"/>				
Age group	<input type="text" value="2022 S1"/>				
No Fish	<input type="text" value="275,794"/>				
Mean Fish Wt	<input type="text" value="478g"/>				
Next Fallow Date (Site)	<input type="text" value="Nov/Dec 2022"/>	Next Input Date (Site)	<input type="text" value="Feb 2023"/>		
Recent (last 4 wks) disease problems?	<input type="text" value="Y"/>		Any escapes (since last visit)?		
If yes, detail:	<input type="text" value="Fungus, Moritella and Tenacibaculum: see notes"/>				

**Movement Records**

1. Movement records available for inspection?  
 2. Date of last inspection:   
 3. Are records complete and correctly entered?  
 4. Are movement records available for dead fish and waste?  
 5. Are records complete and correctly entered?  
 6. Are health certificates for introductions (outwith GB) available?

**Transport Records**

1. Are any movements carried out by (or on behalf) of the business (not using a STB)?  
 If yes, is there a system in place for maintenance of transportation records?

**Mortality Records**

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

**Treatments and Medicines Records**

1. Recent treatments (see comment)?

If yes, detail:

T.M.S.

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)?

T.M.S.

If other, detail:

6. Are medicines stored appropriately?

**Biosecurity Records**

1. Biosecurity records available for inspection?

2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?

3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any *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 *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, 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).

Following vet visit 22/03/2022, samples sent fo

PCR positive for *Tenacibaculum* and *Moritella*

Records checked between:

31/07/2019-17/05/2022



6

N

Y
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Y
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Y
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Y
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N/A
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N
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Y
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iodiesel
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Y
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5, 3.25%,
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Y
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N
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Y
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Y
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Y
Y
Y
Y
Y
Y
Y
Y
Y
Y
Y
Y
Y
r analysis.



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

Priority samples: VI  BA  PA  MG  HI

Time sampling starts/ends:   Inspector:  VMD No.

Environmental conditions: 1  2  3  4  5

Summary samples HIST  BA  MG  VI  PA  Total Samples

Add Fish/Pools - click

Pool/Fish No	F1	F2	F3	F4								
Fish nos	1	2	3	4	1-2	3-4	5					
Pool Group												
Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL					
Average weight	500g	500g	500g	500g	500g	500g	500g					
Sex	N/A	N/A	N/A	N/A	N/A	N/A	N/A					
Water Type	SW	SW	SW	SW	SW	SW	SW					
Stock Details												
	Stock Origin	Loch Garasdale (FS0866)	Loch Garasdale (FS0866)	Loch Garasdale (FS0866)	Loch Garasdale (FS0866)	Loch Garasdale (FS0866)	Loch Garasdale (FS0866)	Loch Garasdale (FS0866)				
Facility No	9	9	9	9	9	8	12					

05/2022 Additional Sample Information:

--	--

4

Total Tests assigned

5


Case no: 2022-0101

Site No: FS1209

Method of killing: Percussive

Date of visit: 17/05/2022

Inspector(s):

Sheet Relevant: Y

S for strong presence: M for medium presence: W for weak presence

Fish Number		1	2	3	4					
Time sampled after death (if > 45 minutes)		0mins	0mins	40mins	40mins					
External Signs										
Behaviour	Moribund	M	M	S	M					
	Lethargic									
	Hanging vertical									
	Spiralling									
	Flashing									
	Loss of equilibrium									
Body	Dark									
	Distended abdomen									
	Anorexic									
	Scale Oedema									
Opercula	Shortened									
	Flared									
Haemorrhaging	Throat									
	Ventrum									
	Base of fins									
	Elsewhere									
Eyes	Exophthalmic									
	Enophthalmic (sunken)									
	Cataract									
	Haemorrhagic									
Gills	Pale									
	Zoned									
	Necrotic									
Lesions	Flank	S	S	S	S					
	Elsewhere									
Vent	Inflamed	M	M	M	M					
	Trailing faeces									
Lice Load	Estimate numbers									
Internal Signs										
Ascites	Clear									
	Bloody		M							
Oedema	In tissues									
Heart	Pale/anaemic									
	Granulomas									
	Deformed									
Liver	Petechial haem									
	Gross haem									
	Tissue breakdown									
	Enlarged									
	Colour number(s)	4	3	3	3					
	Granulomas									
	Lesions									
Pyloric caeca	Petechial haem									
	Tubules mauve									
	Lack of fat									
Spleen	Enlarged		M	W						
	Granulomas									
Gut	No food present			S						
	Yellow pseudo-faeces		M		S					
	External haem									
	Internal haem									
Body wall	Haemorrhaging									
Swim bladder	Haemorrhaging									
	Fluid filled									
Kidney	Swollen									
	Grey									
	Granular									
	Liquefied									
General	Parasites present									
	Anaemia									

Case no: **2022-0101**

Date of visit: **17/05/2022**

S for strong presence: M for medium presence: W for w

<b>Fish Number</b>												
<b>Time sampled after death (if &gt; 45 minutes)</b>												
<b>External Signs</b>												
<b>Behaviour</b>	Moribund											
	Lethargic											
	Hanging vertical											
	Spiralling											
	Flashing											
	Loss of equilibrium											
<b>Body</b>	Dark											
	Distended abdomen											
	Anorexic											
	Scale Oedema											
<b>Opercula</b>	Shortened											
	Flared											
<b>Haemorrhaging</b>	Throat											
	Ventrum											
	Base of fins											
	Elsewhere											
<b>Eyes</b>	Exophthalmic											
	Enophthalmic (sunken)											
	Cataract											
	Haemorrhagic											
<b>Gills</b>	Pale											
	Zoned											
	Necrotic											
<b>Lesions</b>	Flank											
	Elsewhere											
<b>Vent</b>	Inflamed											
	Trailing faeces											
<b>Lice Load</b>	Estimate numbers											
<b>Internal Signs</b>												
<b>Ascites</b>	Clear											
	Bloody											
<b>Oedema</b>	In tissues											
<b>Heart</b>	Pale/anaemic											
	Granulomas											
	Deformed											
<b>Liver</b>	Petechial haem											
	Gross haem											
	Tissue breakdown											
	Enlarged											
	Colour number(s)											
	Granulomas											
	Lesions											
<b>Pyloric caeca</b>	Petechial haem											
	Tubules mauve											
	Lack of fat											
<b>Spleen</b>	Enlarged											
	Granulomas											
<b>Gut</b>	No food present											
	Yellow pseudo-faeces											
	External haem											
	Internal haem											
<b>Body wall</b>	Haemorrhaging											
<b>Swim bladder</b>	Haemorrhaging											
	Fluid filled											
<b>Kidney</b>	Swollen											
	Grey											
	Granular											
	Liquefied											
<b>General</b>	Parasites present											
	Anaemia											

## Additional comments:

Fish 1 possessed large lesions on right flank. In addition, scaling was observed on both flanks. Internally, nothing to note. Liver colour was found to be a 4.

Fish 2 was found to have large lesions on both flanks. Externally, it also was seen to have a swollen vent and scaling. Internally, the spleen was observed to be enlarged and cavity also had bloody ascites. Yellow pseudo faeces was found in the gut. Liver colour was observed as 3.

Fish 3 also was observed to have scaling and a large lesion on the right flank. Internally, fish exhibited a slightly swollen spleen and was found to have no food in its gut. Liver colour was seen to be a 3.

Fish 4, externally, was found to have scaling and large lesions on the right flank again. Internally, a swollen spleen was seen and yellow pseudo faeces was found in the gut.

See photos for pictures of lesions.

Case Number:	2022-0101	Site No:	FS1209	Insp:		
Date of Visit	17/05/2022	No of movements/supp./dest.			Score	
<b>Live fish movements</b>		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	3
	Number of destinations	0	3	6	10	3
<b>Exposure via water</b>	<b>Site contacts</b>	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		2
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
<b>Management practices</b>		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				0
	Processing own fish (re-cycling risk)	1				
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
<b>Biosecurity</b>	<b>Number of sites</b>	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		0
	Sites sharing staff and equipment	0	1	2		0
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
<b>CoGP/Regulator</b>						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
<b>Total Rank</b>					<b>11</b> <b>LOW</b>	

Case No:

2022-0101

Site No:

FS1209

**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 benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable time?
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area equivalent)?
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are (CoGP Annex 6)
8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above 10/6/19) during the period that records are inspected?  
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments been administered or other actions taken when *L. salmonis* levels have exceeded the suggested treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)
11. Has any other action been taken (where applicable)?
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
13. Are treatments, where conducted, carried out in cooperation between participating farms?
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios escalation of a sea lice infestation?
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

**Containment Inspection**

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

sapphire  
nets and  
tension nets

If other, detail below:

3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?  
If Yes proceed with questions 4 – 9. If No skip to question 10
4. Have these been reported to Scottish Ministers?
5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover escapees? If yes give detail
8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal 4.4.38, 5.4.18)
9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)
10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)

	N
	Y
and emamectin e period of	Y
a (or	Y
	Y
	Y
inspected?	Y
ove (from w/b	Y
	Y
	N
criteria for	Y
	Y
	Y
	Y
	Y
os during the	Y
	Y
	N
	Y
egal, CoGP –	
	Y



Case No: 2022-0101

Site No: FS1209

Date of Visit: 17/05/2022

Inspector: [REDACTED]

**Point of Compliance**

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

 Y

If N, no further questions require completion.

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

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

 Y

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

 Y

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

 Y

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

 Y

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

 Y

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

 Y**Arrangements for Fish Health Management**

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

 Y

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

 Y

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

 Y

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

 Y

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

 Y**Arrangements for The Management of Sea Lice**

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

 Y

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

 Y

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

 Y

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

 Y

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

 Y**Live Fish Movements**

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

 Y

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

 Y

**Harvesting**

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

**Fallowing**

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

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

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

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

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

**Management and operation**

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

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



Case No: **2022-0101** Date of visit: **17/05/2022**  
 Site No: **FS1209** Inspector: **[REDACTED]**

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
VSPE	4/4	31/05/2022		31/05/2022		16/06/2022		
MG IHNQ	0/4	31/05/2022		31/05/2022		16/06/2022		
MG IPN	0/4	31/05/2022		31/05/2022		16/06/2022		
MG ISA	0/4	31/05/2022		31/05/2022		16/06/2022		
MG PMCV	0/4	31/05/2022		31/05/2022		16/06/2022		
MG SAV	0/4	31/05/2022		31/05/2022		16/06/2022		
MG VHS	0/4	31/05/2022		31/05/2022		16/06/2022		
SKIN	4/4	02/06/2022		02/06/2022		16/06/2022		
MPAT	4/4	02/06/2022		02/06/2022		16/06/2022		
SULC	4/4	02/06/2022		02/06/2022		16/06/2022		

Report Summary			
Case Type	Date	Insp	2 <sup>nd</sup> Insp
ECL, CNI, SLI, VMD	26/05/2022		
DIA	16/06/2022		

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0095	<b>DATE OF VISIT</b>	17/05/2022
<b>SITE No</b>	FS1209	<b>SITE NAME</b>	Ouseness
<b>CASE No</b>	20220101	<b>INSPECTOR</b>	[REDACTED]

### Section 1: Summary

The site above was inspected both routinely and following reports of increased mortality for five weeks. Due to observing a few moribund and lethargic fish with gross pathology in pen 9, a four fish diagnostic sample was conducted.

Histopathology revealed bacterial ulcerative dermatitis.

*Vibrio* sp. was identified through bacteriology and was observed on plates taken from kidney material of fish 2 and 4 and on plates taken from lesion and gill material of fish 1-4.

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

### Section 2: Case Detail

#### Observations

The scheduled routine inspection to the above site was also conducted in conjunction with an investigation, following five weeks of increased mortality being reported.

Inspectors were informed of elevated mortality, which included the transfer of the fish during stormy weather, with a long journey in the wellboat. This resulted in scrubbing of the flanks of the fish. Subsequently, fish already displaying fungus were found to have increased fungal growths on these scaled areas. Mortalities began to increase and were attributed to the transfer journey. Further increases in mortality occurred and a health visit on the 22/03/2022 by the company vet team was conducted, where histology and PCR samples were taken and sent for analysis. Histology results concluded that primary skin trauma, with secondary bacterial ulceration and penetrating infection were the cause of mortalities. PCR samples came back negative. As mortalities continued to increase, most recent screening has been conducted (PCR) and samples were positive for *Moritella* sp. and *Tenacibaculum maritimum*.

On site, four fish in pen 9 were observed to be moribund and lethargic and were removed for diagnostic testing. All fish possessed scrubbing and large lesions on either both or one flank. In addition, externally fish 1 and 2 were observed to have swollen vents. Internally fish 2 to 4 were found to have no food in their gut. Fish 2 and 4 also were found to have swollen spleens, where fish 2 also possessed bloody ascites.

R09

## Samples

Samples were collected from 4 fish according to the table below:

Fish number	Facility number	Species	Stage	Origin
1-4	9	Atlantic Salmon	2022 S1	Loch Garasdale (FS0866)

## Results

**Bacteriology:** Kidney, gill, and lesion material from four fish were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated from all four fish.

- *Vibrio* sp.

From the tests conducted, we have evidence which may indicate some resistance to amoxicillin but not to oxytetracycline, sulphamethoxazole/trimethoprim or florfenicol.

**Virology:** Tissue samples were tested for segments of nucleic acid indicative of the presence of the pathogens using real-time PCR (qPCR).

The samples tested negative for infectious haematopoietic necrosis virus (IHNV), infectious pancreatic necrosis virus (IPNV), infectious salmon anaemia virus (ISAV), salmonid alphavirus (SAV) and viral haemorrhagic septicemia virus (VHSV).

**Histology:** Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, hind gut, liver, spleen and kidney were taken from 4 fish. The tissue samples were fixed in 10% neutral buffered formalin. Histopathological examination revealed the following:

Gill: Within the normal range

Skin and Muscle: lesions – partial absence of epidermal (F1-F4). Dermal oedema and presence of mixed bacteria that stained Gram-negative (F1-F4), with some filamentous (F4). Hypodermal layer exhibited haemorrhage and some inflammatory reaction. Musculature displayed marked necrosis haemorrhage and presence of mixed bacteria that stained gram-negative (F1-F4), also with some filamentous. Sensory canal in F2 and F3 with one thrombus.

Heart: within normal range.

Gut and pyloric caeca: within normal range.

Pancreas: within normal range.

Liver: within normal range.

R09

Kidney: Some foci of sparse haematopoietic tissue to marked reduction and some inflammatory cells circulating within the sinusoidal spaces (F1), Some renal tubes displayed a dilated lumen (F1).

Spleen: vessels cuffing (F3 and F4).

Signed:



Date: 16/06/2022

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/>

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0095	<b>DATE OF VISIT</b>	17/05/2022
<b>SITE No</b>	FS1209	<b>SITE NAME</b>	Ouseness
<b>CASE No</b>	20220101	<b>INSPECTOR</b>	[REDACTED]

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

Following reports of increased mortality above the reporting threshold over 5 weeks, the above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

Samples were taken for diagnostic purposes. A separate report will be issued detailing the results of these tests.

#### 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.

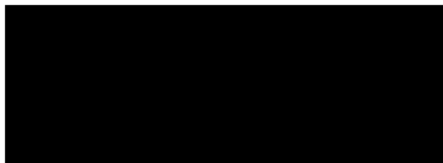
**Inspection under the Aquaculture and Fisheries (Scotland) Act 2007**

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.

Signed:



Date: 26/05/2022

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/>



2022-0101 Diagnostic Samples

Fish 1 & 2:



Figure 1 External overview of fish 1 and 2 (from the top)



Figure 2 Fish 1 overturned to show lesions on other flank

Fish 3 & 4:



Figure 3 External overview of fish 3 and 4 (from top)



Figure 4 Other flank side of fish 3 and 4, showing large lesions





*Figure 5 Closer look of the lesion found on fish 3*

Case No:	2022-0102	Date of visit:	17/05/2022			
Time spent on site:	1 hr	Main Inspector:				
Site No:	FS1312	Site Name:	Skelwick Skerry			
Business No:	FB0095	Business Name:	Cooke Aquaculture Scotland Ltd			
Case Types:	1 ECI	2 CNI	3 SLI	4 VMD	5	6
Water Temp (°C):	9.2	Thermometer No:	T308	FHI 045 completed		
Observations:	Region:	OR	Water type:	S	CoGP MA	O-1
Dead/weak/abnormally behaving fish present?	<input type="checkbox"/> N	If yes, see additional information/clinical score sheet.				
Clinical signs of disease observed?	<input type="checkbox"/> N	If yes, see additional information/clinical score sheet.				
Gross pathology observed?	<input type="checkbox"/> N	If yes, see additional information/clinical score sheet.				
Diagnostic samples taken?	<input type="checkbox"/> N					

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

**Additional Case Information:**

Normally, Skelwick Skerry is the grower site, as the other sites around Westray are nursery sites. Stock is usually transferred onto site at 1.6-3kg until harvest size. Fish have been graded at Bay of Cleat (North) onto the wellboat and then transferred to Skelwick.

Mortality is uplifted by the Foover and taken in mort bins to pier on Westray. Mort bins are taken to dounebay were they are tran

Skelwick Skerry is not remote fed, due to its offshore location. Feed blower on work boats conduct the feeding instead.

Due to windy weather and wave height, only 4 pens were fully walked around and inspected. The other 4 were viewed from the

Remote inspection conducted by [REDACTED] on 13/05/2022, supervised by [REDACTED]

Site inspection conducted by [REDACTED] on 17/05/2022, supervised by [REDACTED].

VMD samples taken on 17/05/2022 by [REDACTED] supervised by [REDACTED].



Case No: 2022-0102

Site No: FS1312

Date of Visit: 17/05/2022

Inspector(s):

**Registration/Authorisation Details**

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

Y

Y

**Site Details (include cleaner fish for all sections)**

Total No facilities	8	Facilities stocked	8	No facilities inspected	
Species	SAL				
Age group	21S1				
No Fish	439,858				
Mean Fish Wt	3.6kg				
Next Fallow Date (Site)	Nov-Dec 2022	Next Input Date (Site)	Feb 2023		
Recent (last 4 wks) disease problems?		Any escapes (since last visit)?	N		
If yes, detail:					

**Movement Records**

1. Movement records available for inspection?
2. Date of last inspection:
3. Are records complete and correctly entered?
4. Are movement records available for dead fish and waste?
5. Are records complete and correctly entered?
6. Are health certificates for introductions (outwith GB) available?

29/05/2019

**Transport Records**

1. Are any movements carried out by (or on behalf) of the business (not using a STB)?
- If yes, is there a system in place for maintenance of transportation records?

**Mortality Records**

1. Mortality records available for inspection?
  2. How are mortalities disposed of? Other (detail)
- If other detail: Morts taken to a bulk tanker Dounebay then taken to biodigester in Shetland. Biodigester goes to gas farm. B
3. Mortality records complete and correctly entered?
  4. Recent mortality (last 4 wks): 2022: Wk17, 0.10%, 436; Wk16, 0.04%, 174; Wk15, 0.04%, 185; Wk14, 0.01%
  5. Evidence of recent increased/atypical mortalities?
- If yes, facility nos/no mortality per facility/no stock per facility/reason:
6. Any other peaks in mortality during period checked?
- If yes, detail:
7. Have increased (unexplained) mortalities been reported to vet or FHI?
- If yes, detail action:
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.

**Treatments and Medicines Records**

1. Recent treatments (see comment)?

If yes, detail:

T.M.S

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)?

T.M.S

If other, detail:

6. Are medicines stored appropriately?

**Biosecurity Records**

1. Biosecurity records available for inspection?

2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?

3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any *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 *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, 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:

29/05/2019





3
N

Y
Y
Y
Y
Y
N/A

N

Y
iodiesel
Y
.32
N
N
N/A
N/A

Y
Y
Y
Y
Y
Y
Y
Y
Y
Y
Y
Y
Y
N

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

Priority samples: VI  BA  PA  MG  HI

Time sampling starts/ends:   Inspector:  VMD No.

Environmental conditions: 1  2  3  4  5

Summary samples HIST  BA  MG  VI  PA  Total Samples

**Add Fish/Pools - click**

	Pool/Fish No												
	Fish nos	1	2	3									
	Pool Group												
Stock Details	Species	SAL	SAL	SAL									
	Average weight	3.5Kg	3.5Kg	3.5Kg									
	Sex	N/A	N/A	N/A									
	Water Type	SW	SW	SW									
	Stock Origin	Bay of Cleat (North) (FS1080)	Bay of Cleat (North) (FS1080)	Bay of Cleat (North) (FS1080)									
	Facility No	2	3	5									



Case Number:	2022-0102	Site No:	FS1312	Insp:		
Date of Visit	17/05/2022	No of movements/supp./dest.			Score	
<b>Live fish movements</b>		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	6
	Number of destinations	0	3	6	10	3
<b>Exposure via water</b>	<b>Site contacts</b>	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		2
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
<b>Management practices</b>		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				0
	Processing own fish (re-cycling risk)	1				
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
<b>Biosecurity</b>	<b>Number of sites</b>	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		0
	Sites sharing staff and equipment	0	1	2		0
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
<b>CoGP/Regulator</b>						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
<b>Total Rank</b>					<b>14</b>	<b>LOW</b>

Case No: **2022-0102**

Site No: **FS1312**

**Sea Lice Inspection (Seawater Sites Only)**

- 1. Has the site experienced sea lice problems in the previous 4 years?
- 2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?
- 3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?
- 4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
- 5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
- 6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
- 7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)
- 8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?
- If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
- 9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
- 10. Have therapeutic treatments been administered or other actions taken when *L. salmonis* levels have exceeded the suggested criteria for treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)
- 11. Has any other action been taken (where applicable)?
- 12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
- 13. Are treatments, where conducted, carried out in cooperation between participating farms?
- 14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
- 15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?
- 16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

**Containment Inspection**

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

sapphire nets, and tensioned nets

If other, detail below:

- 3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?
- If Yes proceed with questions 4 – 9. If No skip to question 10
- 4. Have these been reported to Scottish Ministers?
- 5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
- 6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
- 7. Were methods (if any) used to recover escapees? If yes give detail
- 8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)
- 9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)
- 10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)

Case No: 2022-0102

Site No: FS1312

Date of Visit: 17/05/2022

Inspector: [REDACTED]

**Point of Compliance**

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

If N, no further questions require completion.

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

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

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

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

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

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

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

**Arrangements for Fish Health Management**

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

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

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

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

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

**Arrangements for The Management of Sea Lice**

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

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

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

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

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

**Live Fish Movements**

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

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

**Harvesting**

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

**Fallowing**

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

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

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

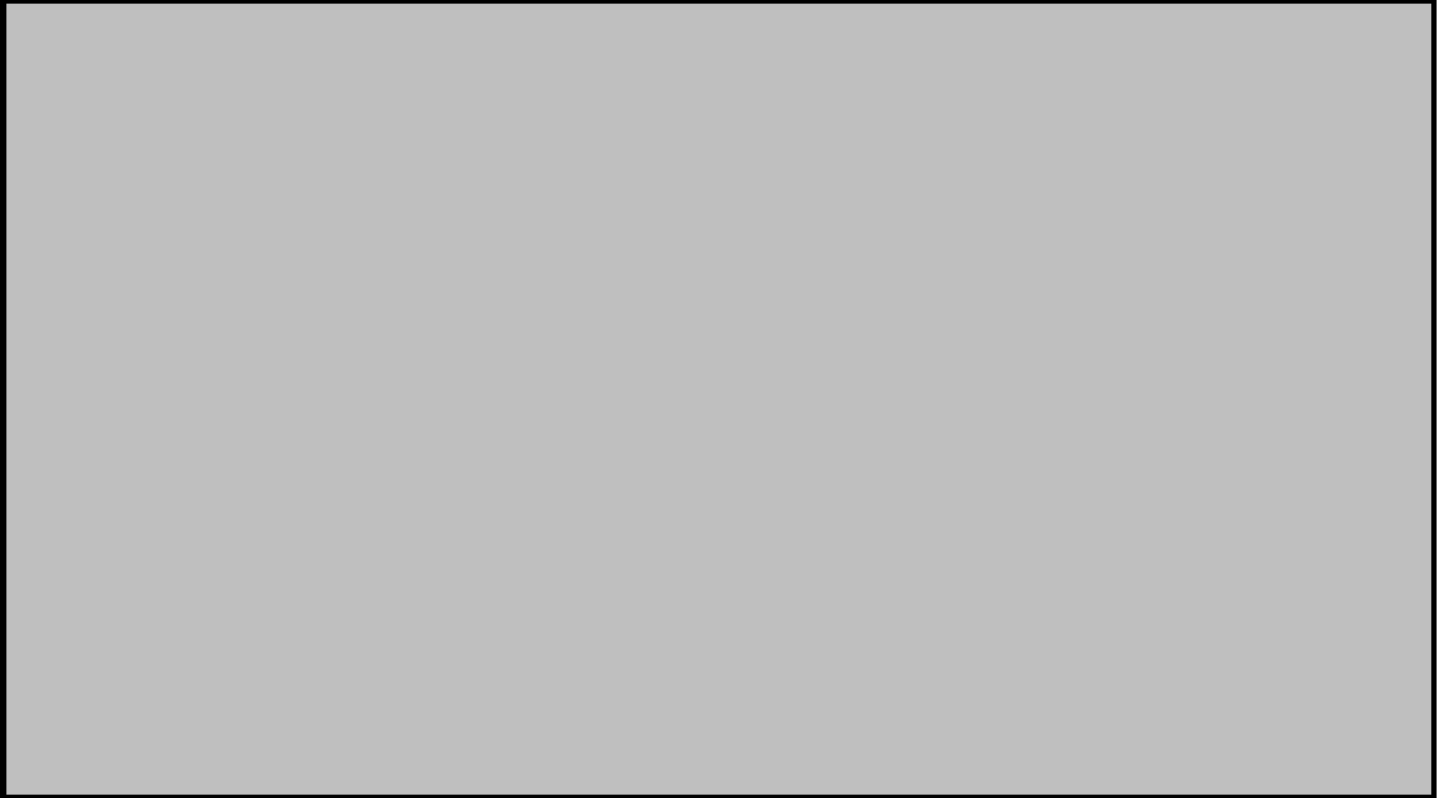
**Point of Compliance for Farm Management Agreements Only**

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

**Management and operation**

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

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







# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0095	<b>DATE OF VISIT</b>	17/05/2022
<b>SITE No</b>	FS1312	<b>SITE NAME</b>	Skelwick Skerry
<b>CASE No</b>	20220102	<b>INSPECTOR</b>	[REDACTED]

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

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

All epidemiological units were inspected. On this occasion no samples were taken for disease analysis. The Inspector did not observe any clinical signs associated with the listed diseases as described in the Aquatic Animal Health (Scotland) Regulations 2009.

#### Records

The surveillance frequency category of the site was assessed as 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.

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.

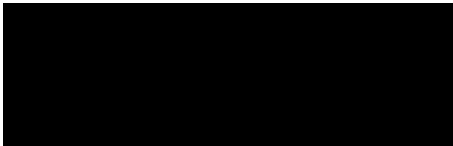
## **Inspection under the Aquaculture and Fisheries (Scotland) Act 2007**

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.

Signed:

A large black rectangular redaction box covering the signature of the Fish Health Inspector.

Date: 26/05/2022

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/>

Case No: 2022-0103 Date of visit: 18/05/2022

Time spent on site: 1 hr Main Inspector:

Site No: FS1028 Site Name: Fjords Processing
Business No: FB0414 Business Name: Fjords Processing Ltd

Case Types: 1 ECI 2 CNI 3 4 5 6

Water Temp (°C): 20 Thermometer No: Site FHI 045 completed

Observations: Region: OR Water type: B CoGP MA O-3

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

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

**Additional Case Information:**

Movement records also detail waste disposal. Fish are disposed of via oily water drain/ oil terminal effluent system.

No treatments conducted since 2018.

Fish are divided into broodstock and nursery tanks. Broodstock tanks house fish in a ratio of 3 males to 11 females. To encourage spawning, nets/net pouches with nylon filaments are introduced into the tank. The hair mimics and traps the egg strings. These nets are then transferred to the nursery tanks where fish are routinely graded to split the sizes but also reduce cannibalism.

Interested in discussing future imports of sheephead minnows and feasibility.

Site thermometer used for biosecurity considerations.

Remote paperwork inspection conducted by [REDACTED], supervised by [REDACTED] on 10/05/2022.

Site inspection conducted by [REDACTED], supervised by [REDACTED] on 18/05/2022.

Case No:  Site No:   
 Date of Visit:  Inspector(s):

**Registration/Authorisation Details**

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

**Site Details (include cleaner fish for all sections)**

Total No facilities	<input type="text" value="27"/>	Facilities stocked	<input type="text" value="17"/>	No facilities inspected	<input type="text" value="17"/>
Species	<input type="text" value="YCK"/>	<input type="text" value="YCK"/>			
Age group	<input type="text" value="fry 2022"/>	<input type="text" value="brood 2018"/>			
No Fish	<input type="text" value="305"/>	<input type="text" value="56"/>			
Mean Fish Wt	<input "&lt;1g"="" type="text" value=""/>	<input type="text" value="LVG"/>			
Next Fallow Date (Site)	<input type="text" value="ongoing cycle"/>		Next Input Date (Site)	<input type="text" value="Summer 2022"/>	
Recent (last 4 wks) disease problems?	<input type="text" value="N"/>		Any escapes (since last visit)?	<input type="text" value="N"/>	
If yes, detail:	<input type="text" value=""/>				

**Movement Records**

1. Movement records available for inspection?   
 2. Date of last inspection:   
 3. Are records complete and correctly entered?   
 4. Are movement records available for dead fish and waste?   
 5. Are records complete and correctly entered?   
 6. Are health certificates for introductions (outwith GB) available?

**Transport Records**

1. Are any movements carried out by (or on behalf) of the business (not using a STB)?   
 If yes, is there a system in place for maintenance of transportation records?

**Mortality Records**

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

**Treatments and Medicines Records**

- |  |                          |     |
|--|--------------------------|-----|
| 1. Recent treatments (see comment)?            | <input type="checkbox"/> | N   |
| If yes, detail:                                | <input type="text"/>     |     |
| If other, detail:                              | <input type="text"/>     |     |
| 2. Medicines records available for inspection? | <input type="checkbox"/> | N/A |
| 3. Are records complete and correctly entered? | <input type="checkbox"/> |     |
| 4. Are fish in a withdrawal period?            | <input type="checkbox"/> | N   |
| 5. If yes, what treatment(s)?                  | <input type="text"/>     |     |
| If other, detail:                              | <input type="text"/>     |     |
| 6. Are medicines stored appropriately?         | <input type="checkbox"/> | N/A |

**Biosecurity Records**

- |  |                          |   |
|--|--------------------------|---|
| 1. Biosecurity records available for inspection?   | <input type="checkbox"/> | Y |
| 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?   | <input type="checkbox"/> | Y |
| 3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> mortality at the site been included?   | <input type="checkbox"/> | Y |
| 4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers? | <input type="checkbox"/> | Y |
| 5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?  | <input type="checkbox"/> | Y |
| 6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?            | <input type="checkbox"/> | Y |
| 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?  | <input type="checkbox"/> | Y |
| 8. Have the biosecurity procedures been adequately implemented on site?  | <input type="checkbox"/> | Y |
| If no, detail:   | <input type="text"/>     |   |

**Results of Surveillance**

- |   |                          |   |
|---|--------------------------|---|
| 1. Has any animal health surveillance been carried out by, or on behalf of, the business? | <input type="checkbox"/> | N |
| 2. If yes, are results available for inspection?  | <input type="checkbox"/> |   |
| 3. Any significant results?   | <input type="checkbox"/> |   |
| If yes, detail (if not detailed under recent disease problems).                           | <input type="text"/>     |   |

Records checked between:	30/05/2018-18/05/2022
--------------------------	-----------------------

Case Number:	2022-0103	Site No:	FS1028	Insp:		
Date of Visit	18/05/2022	No of movements/supp./dest.			Score	
<b>Live fish movements</b>		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	0
	Number of destinations	0	3	6	10	0
<b>Exposure via water</b>	<b>Site contacts</b>	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				0
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
<b>Management practices</b>		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				0
	Processing own fish (re-cycling risk)	1				
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				
	Feeding unpasteurised feed	5				5
<b>Biosecurity</b>	<b>Number of sites</b>	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		0
	Sites sharing staff and equipment	0	1	2		0
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
<b>CoGP/Regulator</b>						
Practices in accordance with regulator or industry code of practice	Yes	0				
	No	3				3
Platform access to cages	Yes	0				0
	No	2				
<b>Total Rank</b>					<b>11</b>	<b>LOW</b>



Case No: **2022-0103**

Site No: **FS1028**

**Sea Lice Inspection (Seawater Sites Only)**

1. Has the site experienced sea lice problems in the previous 4 years?
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)
8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?  
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments been administered or other actions taken when *L. salmonis* levels have exceeded the suggested criteria for treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)
11. Has any other action been taken (where applicable)?
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
13. Are treatments, where conducted, carried out in cooperation between participating farms?
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

**Containment Inspection**

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

**Indoors**  
If other, detail below:

3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?  N  
If Yes proceed with questions 4 – 9. If No skip to question 10
4. Have these been reported to Scottish Ministers?
5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover escapees? If yes give detail
8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)
9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)
10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)  Y



# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0414	<b>DATE OF VISIT</b>	18/05/2022
<b>SITE No</b>	FS1028	<b>SITE NAME</b>	Fjords Processing
<b>CASE No</b>	20220103	<b>INSPECTOR</b>	[REDACTED]

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

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

All epidemiological units were inspected. On this occasion no samples were taken for disease analysis. The Inspector did not observe any clinical signs associated with the listed diseases as described in the Aquatic Animal Health (Scotland) Regulations 2009.

#### Records

The surveillance frequency category of the site was assessed as 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.

Mortality records were inspected and found to be adequately maintained.

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

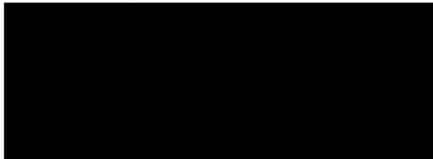
### Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, 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.

R25

On this occasion the site was found to be satisfactory with regards to parasites, fish farm management agreements and statements and containment and escapes  
Please contact myself or the duty inspector should you require any further information or have any queries regarding this report.

Signed:



Fish Health Inspector

Date: 26/05/2022

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/>

Case No: 2022-0138 Date of visit: 10/05/2022

Time spent on site: 1 hour Main Inspector:

Site No: FS0301 Site Name: Couldoran Hatchery
Business No: FB0169 Business Name: The Scottish Salmon Company

Case Types: 1 ECI 2 CNI 3 4 5 6

Water Temp (°C): 9 Thermometer No: Site FHI 045 completed

Observations: Region: HI Water type: F CoGP MA

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

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

**Additional Case Information:**

Currently treating for saprolegnia using formalin in RAS facility

Mortality peaks due to fungus and first feeding mortalities. No peaks above reporting threshold.

Site thermometer used for biosecurity

Site and paperwork inspected on 12/05/2022 by [REDACTED], observed by [REDACTED]

Observed a small number of fish with fungus on the tail. This was reported to be caused by grading.

Case No: **2022-0138** Site No: **FS0301**  
 Date of Visit: **10/05/2022** Inspector(s): **[REDACTED]**

**Registration/Authorisation Details**

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

**Site Details (include cleaner fish for all sections)**

Total No facilities	60 tanks	Facilities stocked	36 tanks	No facilities inspected	60 tanks
Species	SAL	SAL			
Age group	22 Q3	23 Q1			
No Fish	1,064,874	1,615,415			
Mean Fish Wt	7.3g	0.6g			
Next Fallow Date (Site)	Ongoing cycle		Next Input Date (Site)	Approx. end October / start November	
Recent (last 4 wks) disease problems?			Any escapes (since last visit)?	N	
If yes, detail: <b>[REDACTED]</b>					

**Movement Records**

1. Movement records available for inspection? **Y**  
 2. Date of last inspection: **09/11/2021**  
 3. Are records complete and correctly entered? **Y**  
 4. Are movement records available for dead fish and waste? **Y**  
 5. Are records complete and correctly entered? **Y**  
 6. Are health certificates for introductions (outwith GB) available? **N/A**

**Transport Records**

1. Are any movements carried out by (or on behalf) of the business (not using a STB)? **Y**  
 If yes, is there a system in place for maintenance of transportation records? **Y**

**Mortality Records**

1. Mortality records available for inspection? **Y**  
 2. How are mortalities disposed of? **Biogas - Energen, Cumbernauld**  
 If other detail: **[REDACTED]**  
 3. Mortality records complete and correctly entered? **Y**  
 4. Recent mortality (last 4 wks): **Wk 18 - 3179 (0.1%), Wk17 - 9751 (0.31%), Wk 16 - 5674 (0.18%), Wk 15 - 11,996 (0.36%)**  
 5. Evidence of recent increased/atypical mortalities? **Y**  
 If yes, facility nos/no mortality per facility/no stock per facility/reason: **[REDACTED]**

**See additional comments**

6. Any other peaks in mortality during period checked? **Y**  
 If yes, detail: **Wk 3 2022 - 11,184 (0.28%), Wk 4 - 15,174 (0.38%), Wk 5 - 13,006 (0.34)**  
 7. Have increased (unexplained) mortalities been reported to vet or FHI? **N/A**  
 If yes, detail action: **[REDACTED]**  
 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet. **N/A**



**Treatments and Medicines Records**

1. Recent treatments (see comment)?	<input type="checkbox"/>	Y
If yes, detail:	Formalin, Pyceze	
If other, detail:		
2. Medicines records available for inspection?	<input type="checkbox"/>	Y
3. Are records complete and correctly entered?	<input type="checkbox"/>	Y
4. Are fish in a withdrawal period?	<input type="checkbox"/>	Y
5. If yes, what treatment(s)?	Formalin	
If other, detail:		
6. Are medicines stored appropriately?	<input type="checkbox"/>	Y

**Biosecurity Records**

1. Biosecurity records available for inspection?	<input type="checkbox"/>	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	<input type="checkbox"/>	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> mortality at the site been included?	<input type="checkbox"/>	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	<input type="checkbox"/>	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	<input type="checkbox"/>	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	<input type="checkbox"/>	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	<input type="checkbox"/>	Y
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>	Y
If no, detail:		

**Results of Surveillance**

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	<input type="checkbox"/>	Y
2. If yes, are results available for inspection?	<input type="checkbox"/>	Y
3. Any significant results?	<input type="checkbox"/>	Y
If yes, detail (if not detailed under recent disease problems).	Fungus pre-transfer	

Records checked between:	9/11/2021 - 12/05/2022
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Case Number:	2022-0138	Site No:	FS0301	Insp:		
Date of Visit	10/05/2022	No of movements/supp./dest.			Score	
<b>Live fish movements</b>		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	6
<b>Exposure via water</b>	<b>Site contacts</b>	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		1
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
<b>Management practices</b>		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				0
	Processing own fish (re-cycling risk)	1				
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
<b>Biosecurity</b>	<b>Number of sites</b>	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		1
	Sites sharing staff and equipment	0	1	2		1
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
<b>CoGP/Regulator</b>						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
<b>Total Rank</b>					<b>22</b>	<b>MEDIUM</b>

Case No: **2022-0138**

Site No: **FS0301**

**Sea Lice Inspection (Seawater Sites Only)**

1. Has the site experienced sea lice problems in the previous 4 years?
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)
8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?  
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments been administered or other actions taken when *L. salmonis* levels have exceeded the suggested criteria for treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)
11. Has any other action been taken (where applicable)?
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
13. Are treatments, where conducted, carried out in cooperation between participating farms?
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

**Containment Inspection**

1. Has the site experienced equipment damage due to predators in the current or previous production cycles?  N
  2. Are measures in place to mitigate against the predation experienced on site? (Detail below)  Y
- If other, detail below:
- Part of site indoors, outdoor tanks have tarpaulin coverings held down by ropes. Rentakil comes every month
3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?  N
  - If Yes proceed with questions 4 – 9. If No skip to question 10
  4. Have these been reported to Scottish Ministers?
  5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
  6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
  7. Were methods (if any) used to recover escapees? If yes give detail
  8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)
  9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)
  10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)  Y



# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0169	<b>DATE OF VISIT</b>	12/05/2022
<b>SITE No</b>	FS0301	<b>SITE NAME</b>	Couldoran Hatchery
<b>CASE No</b>	20220138	<b>INSPECTOR</b>	[REDACTED]

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

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

All epidemiological units were inspected. On this occasion no samples were taken for disease analysis. The Inspector did not observe any clinical signs associated with the listed diseases as described in the Aquatic Animal Health (Scotland) Regulations 2009.

#### Records

The surveillance frequency category of the site was assessed as 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.

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: 18/05/2022

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/>

Case No:  Date of visit:

Time spent on site:  Main Inspector:

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

Case Types: 1  2  3  4  5  6

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

Observations: Region: HI Water type: F CoGP MA

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

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

**Additional Case Information:**

Site went fallow on 29th April

Site and paperwork inspected on 12/05/2022 by [REDACTED], supervised by [REDACTED]



Case No: 2022-0139

Site No: FS1051

Date of Visit: 10/05/2022

Inspector(s): [Redacted]

**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	1 hatchery	Facilities stocked	0	No facilities inspected	1 hatchery
Species					
Age group					
No Fish					
Mean Fish Wt					
Next Fallow Date (Site)	Currently fallow	Next Input Date (Site)	Approx. end September		
Recent (last 4 wks) disease problems?		Any escapes (since last visit)?	N		

If yes, detail: [Redacted]

**Movement Records**

- 1. Movement records available for inspection?
- 2. Date of last inspection: 25/02/2020
- 3. Are records complete and correctly entered?
- 4. Are movement records available for dead fish and waste?
- 5. Are records complete and correctly entered?
- 6. Are health certificates for introductions (outwith GB) available?

**Transport Records**

- 1. Are any movements carried out by (or on behalf) of the business (not using a STB)?
- If yes, is there a system in place for maintenance of transportation records?

**Mortality Records**

- 1. Mortality records available for inspection?
- 2. How are mortalities disposed of? Biogas - Energen, Cumbernauld
- If other detail: [Redacted]
- 3. Mortality records complete and correctly entered?
- 4. Recent mortality (last 4 wks): Wk 16 - 226 (0.42%), Wk 17 - 19 (0.04%), site then fallow
- 5. Evidence of recent increased/atypical mortalities?
- If yes, facility nos/no mortality per facility/no stock per facility/reason: [Redacted]
- 6. Any other peaks in mortality during period checked?
- If yes, detail: [Redacted]
- 7. Have increased (unexplained) mortalities been reported to vet or FHI?
- If yes, detail action: [Redacted]
- 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**

1. Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> mortality at the site been included?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	
If no, detail:	

**Results of Surveillance**

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	
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:	25/02/2020 - 12/05/2022
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Case Number:		2022-0139	Site No:		FS1051	Insp:	
Date of Visit		10/05/2022	No of movements/supp./dest.				Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14		
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	9	
	Number of suppliers	0	5	10	14	5	
Movements off	Frequency of movements off	0	3	6	10	3	
	Number of destinations	0	3	6	10	3	
Exposure via water		Site contacts		0	1-5	6-10	
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0					
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		1	
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6			
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8			
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 processing	0				0	
	Processing own fish (re-cycling risk)	1					
	Processing fish from MS of equivalent status	2					
	Processing fish from zone or compartment of equivalent status	4					
	Processing fish from Category III farm	8					
	Processing fish from Category V farm	10					
Disposal of fish and fish by-products	Site's own waste only processed.	0					
	Common processes with other farms	3				3	
	Collection point for waste from other farms	5					
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0	
	Feeding unpasteurised feed	5					
Biosecurity		Number of sites		1	2 or 3	≥ 4	
Contacts with other sites	Sites operating from single shorebase	0	1	2		1	
	Sites sharing staff and equipment	0	1	2		1	
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0	
	No	1					
CoGP/Regulator							
Practices in accordance with regulator or industry code of practice	Yes	0				0	
	No	3					
Platform access to cages	Yes	0				0	
	No	2					
<b>Total Rank</b>						<b>26</b>	
<b>HIGH</b>							



# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0169	<b>DATE OF VISIT</b>	12/05/2022
<b>SITE No</b>	FS1051	<b>SITE NAME</b>	Couldoran Incubation Unit
<b>CASE No</b>	20220139	<b>INSPECTOR</b>	[REDACTED]

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

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

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

#### 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.

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

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

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

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

R04

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

Signed:



Fish Health Inspector

Date: 18/05/2022

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/>

Case No:	<input type="text" value="2022-0141"/>	Date of visit:	<input type="text" value="10/05/2022"/>			
Time spent on site:	<input type="text" value="6 hours"/>	Main Inspector:	<input type="text" value=""/>			
Site No:	<input type="text" value="FS0594"/>	Site Name:	<input type="text" value="Aird"/>			
Business No:	<input type="text" value="FB0169"/>	Business Name:	<input type="text" value="The Scottish Salmon Company"/>			
Case Types:	1 <input type="text" value="ECI"/>	2 <input type="text" value="CNI"/>	3 <input type="text" value="SLI"/>	4 <input type="text" value="VMD"/>	5 <input type="text" value=""/>	6 <input type="text" value=""/>
Water Temp (°C):	<input type="text" value="9.1"/>	Thermometer No:	<input type="text" value="T173"/>	FHI 045 completed	<input type="text" value=""/>	
Observations:	Region:	HI	Water type:	S	CoGP MA	M-17
Dead/weak/abnormally behaving fish present?	<input type="text" value="Y"/>	If yes, see additional information/clinical score sheet.				
Clinical signs of disease observed?	<input type="text" value="N"/>	If yes, see additional information/clinical score sheet.				
Gross pathology observed?	<input type="text" value="N"/>	If yes, see additional information/clinical score sheet.				
Diagnostic samples taken?	<input type="text" value="N"/>					

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

**Additional Case Information:**

Additional mortality peaks - 27/12/2021 14,082 fish (3.19%) post transfer losses due to high level of fungus. 30/08/2021 5,105 fish (2.16%) due to Hydrolicer treatment and underlying fish health issues.

Two lethargic fish observed across the whole site. New seal pro nets have been installed. Biomass consent has been transferred from the Kenmore site. There are a number of pen collars present at Kenmore but these are waiting to be removed.

Remote inspection conducted on 5/5/2022 with paperwork completed by [REDACTED] observed by [REDACTED], physical inspection completed 10/5/2022. VMD sampled by [REDACTED].

Case No:  Site No:

Date of Visit:  Inspector(s):

**Registration/Authorisation Details**

1. Business/site details summary checked by site representative?

2. Changes made to details?

**Site Details (include cleaner fish for all sections)**

Total No facilities	<input type="text" value="14"/>	Facilities stocked	<input type="text" value="14"/>	No facilities inspected	<input type="text" value="14"/>
Species	<input type="text" value="SAL"/>				
Age group	<input type="text" value="2021 Q4"/>	<input type="text" value="2022Q1"/>			
No Fish	<input type="text" value="455,000"/>	<input type="text" value="266,000"/>			
Mean Fish Wt	<input type="text" value="750g"/>	<input type="text" value="550g"/>			
Next Fallow Date (Site)	<input type="text" value="June 2023"/>		Next Input Date (Site)	<input type="text" value="Dec 2023"/>	
Recent (last 4 wks) disease problems?	<input type="text" value="N"/>		Any escapes (since last visit)?	<input type="text" value="N"/>	
If yes, detail:	<input type="text" value=""/>				

**Movement Records**

1. Movement records available for inspection?

2. Date of last inspection:

3. Are records complete and correctly entered?

4. Are movement records available for dead fish and waste?

5. Are records complete and correctly entered?

6. Are health certificates for introductions (outwith GB) available?

**Transport Records**

1. Are any movements carried out by (or on behalf) of the business (not using a STB)?

If yes, is there a system in place for maintenance of transportation records?

**Mortality Records**

1. Mortality records available for inspection?

2. How are mortalities disposed of?

If other detail:

3. Mortality records complete and correctly entered?

4. Recent mortality (last 4 wks):

5. Evidence of recent increased/atypical mortalities?

If yes, facility nos/no mortality per facility/no stock per facility/reason:

6. Any other peaks in mortality during period checked?

If yes, detail:

7. Have increased (unexplained) mortalities been reported to vet or FHI?

If yes, detail action:

8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.



**Treatments and Medicines Records**

1. Recent treatments (see comment)?	<input type="checkbox"/>	Y
If yes, detail:	T.M.S	
If other, detail:		
2. Medicines records available for inspection?	<input type="checkbox"/>	Y
3. Are records complete and correctly entered?	<input type="checkbox"/>	Y
4. Are fish in a withdrawal period?	<input type="checkbox"/>	Y
5. If yes, what treatment(s)?	T.M.S.	
If other, detail:		
6. Are medicines stored appropriately?	<input type="checkbox"/>	Y

**Biosecurity Records**

1. Biosecurity records available for inspection?	<input type="checkbox"/>	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	<input type="checkbox"/>	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> mortality at the site been included?	<input type="checkbox"/>	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	<input type="checkbox"/>	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	<input type="checkbox"/>	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	<input type="checkbox"/>	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	<input type="checkbox"/>	Y
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>	Y
If no, detail:		

**Results of Surveillance**

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	<input type="checkbox"/>	Y
2. If yes, are results available for inspection?	<input type="checkbox"/>	Y
3. Any significant results?	<input type="checkbox"/>	N
If yes, detail (if not detailed under recent disease problems).		

Records checked between:	11/11/2020 to 5/5/2022
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Case no:  Site No:  Date of visit/  
Sampling:  10/05/2022

Priority samples: VI  BA  PA  MG  HI

Time sampling starts/ends:   Inspector:  VMD No.

Environmental conditions: 1  2  3  4  5

Summary samples HIST  BA  MG  VI  PA  Total Samples

**Add Fish/Pools - click**

Pool/Fish No	1	2	3	4	5	6	7	8	9	10	11	12
Fish nos	1	2	3	4	5	6	7	8	9	10	11	12
Pool Group												
Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
Average weight	650g	650g	650g	650g	650g	650g	650g	650g	650g	650g	650g	650g
Sex	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Water Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Stock Origin	Applecross Smolt Unit (FS0500)	Applecross Smolt Unit (FS0500)	Applecross Smolt Unit (FS0500)	Glenfinnan (FS0742)	Glenfinnan (FS0742)	Glenfinnan (FS0742)	Kinlochmoidart Hatchery (FS0146)	Kinlochmoidart Hatchery (FS0146)	Kinlochmoidart Hatchery (FS0146)	Applecross Smolt Unit (FS0500)	Applecross Smolt Unit (FS0500)	Applecross Smolt Unit (FS0500)
Facility No	2	2	2	6	6	6	10	10	10	12	12	12

05/2022 Additional Sample Information:

Total Tests assigned


Case Number:	2022-0141	Site No:	FS0594	Insp:		
Date of Visit	10/05/2022	No of movements/supp./dest.			Score	
<b>Live fish movements</b>		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
<b>Exposure via water</b>	<b>Site contacts</b>	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		2
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
<b>Management practices</b>		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				0
	Processing own fish (re-cycling risk)	1				
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
<b>Biosecurity</b>	<b>Number of sites</b>	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		1
	Sites sharing staff and equipment	0	1	2		0
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
<b>CoGP/Regulator</b>						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
<b>Total Rank</b>					<b>19</b>	<b>MEDIUM</b>

Case No: **2022-0141**

Site No: **FS0594**

**Sea Lice Inspection (Seawater Sites Only)**

- 1. Has the site experienced sea lice problems in the previous 4 years?
- 2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?
- 3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?
- 4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
- 5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
- 6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
- 7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)
- 8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?
- If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
- 9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
- 10. Have therapeutic treatments been administered or other actions taken when *L. salmonis* levels have exceeded the suggested criteria for treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)
- 11. Has any other action been taken (where applicable)?
- 12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
- 13. Are treatments, where conducted, carried out in cooperation between participating farms?
- 14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
- 15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?
- 16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

**Containment Inspection**

- 1. Has the site experienced equipment damage due to predators in the current or previous production cycles?
  - 2. Are measures in place to mitigate against the predation experienced on site? (Detail below)
- seal pro nets      seal blinds on the base of the pen      top nets with bird pc High tensioned
- If other, detail below:
- 3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?
  - If Yes proceed with questions 4 – 9. If No skip to question 10
  - 4. Have these been reported to Scottish Ministers?
  - 5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
  - 6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
  - 7. Were methods (if any) used to recover escapees? If yes give detail
  - 8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)
  - 9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)
  - 10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)



Case No: 2022-0141

Site No: FS0594

Date of Visit: 10/05/2022

Inspector: [REDACTED]

**Point of Compliance**

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

If N, no further questions require completion.

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

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

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

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

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

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

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

**Arrangements for Fish Health Management**

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

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

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

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

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

**Arrangements for The Management of Sea Lice**

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

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

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

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

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

**Live Fish Movements**

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

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

**Harvesting**

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

**Fallowing**

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

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

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

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

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

**Management and operation**

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

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





# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0169	<b>DATE OF VISIT</b>	10/05/2022
<b>SITE No</b>	FS0594	<b>SITE NAME</b>	Aird
<b>CASE No</b>	20220141	<b>INSPECTOR</b>	[REDACTED]

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

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

All epidemiological units were inspected. On this occasion no samples were taken for disease analysis. The Inspector did not observe any clinical signs associated with the listed diseases as described in the Aquatic Animal Health (Scotland) Regulations 2009.

### Records

The surveillance frequency category of the site was assessed as 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.

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

R25

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

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

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

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

Signed:



Date: 18/05/2022

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/>

Case No: 2022-0143 Date of visit: 17/05/2022

Time spent on site: 4 hours Main Inspector: [Redacted]

Site No: FS0767 Site Name: Tarbert South  
Business No: FB0169 Business Name: The Scottish Salmon Company

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

Water Temp (°C): 9 Thermometer No: T146 FHI 045 completed [ ]

Observations: Region: ST Water type: S CoGP MA: M-42

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

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

**Additional Case Information:**

10 cages from Heb Smolt (Clachan hat) – 1st input 23/09/2021 & 4 cages from Loch Damph 1st input 5/10/2021

Four SLICE treatments this cycle Oct 2021, Dec 2021, Jan 2022 and 11 - 17 April 2022. Also FW treatment; 3.1.22 and week 17 2022 - 1 hour treatments.

Cleanerfish farmed and wild- Wrasse -Mull, Anglesey - Lumps

Live haul harvest unloaded at Ardyne.

FW treatment April, Wellboat for gill health. - 1 hour. Cleaner fish also treated. Fine with very low mortality. If longer treatment have wellboat the Ronja Kvaloy has a dewaterer that can remove lumps and wrasse. Ronja star being build to include cleaner fish removal system.

Cleaner fish mortality in this cycle to date; 67% since input. Ballan wrasse input; 2227, Lump sucker input 25308, wrasse mixed species 6093 input. Mortality not attributed to anything specific with 11500 mort were attributed to "black losses".

Case No: **2022-0143** Site No: **FS0767**  
 Date of Visit: **17/05/2022** Inspector(s): **[REDACTED]**

**Registration/Authorisation Details**

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

**Site Details (include cleaner fish for all sections)**

Total No facilities	<b>14</b>	Facilities stocked	<b>14</b>	No facilities inspected	<b>14</b>
Species	sal	Ballan	Lumps	Mix wrasse	
Age group	2021 Q4	mixed	28g	mixed	
No Fish	418,710	6,825	5,889	5,281	
Mean Fish Wt	2kg	mixed	28g	mix	
Next Fallow Date (Site)	June/July 2023		Next Input Date (Site)	Sept/Oct 2023	
Recent (last 4 wks) disease problems?				Y	Any escapes (since last visit)?
If yes, detail:	<b>PD but mortis are low.</b>				

**Movement Records**

1. Movement records available for inspection? **Y**  
 2. Date of last inspection: **09/12/2020**  
 3. Are records complete and correctly entered? **Y**  
 4. Are movement records available for dead fish and waste? **Y**  
 5. Are records complete and correctly entered? **Y**  
 6. Are health certificates for introductions (outwith GB) available? **N/A**

**Transport Records**

1. Are any movements carried out by (or on behalf) of the business (not using a STB)? **Y**  
 If yes, is there a system in place for maintenance of transportation records? **Y**

**Mortality Records**

1. Mortality records available for inspection? **Y**  
 2. How are mortalities disposed of? **Whole fish - Dundas Chemicals**  
 If other detail: **[REDACTED]**  
 3. Mortality records complete and correctly entered? **Y**  
 4. Recent mortality (last 4 wks): **2022**  
**wk18 446 (0.11%) wh17 851 (0.2%), wk16 995 (0.24%), wk15 601 (0.14%)**  
 5. Evidence of recent increased/atypical mortalities? **N**  
 If yes, facility nos/no mortality per facility/no stock per facility/reason:  
**[REDACTED]**  
 6. Any other peaks in mortality during period checked? **Y**  
 If yes, detail: **wk 38, 39 and 40 2021 - three weeks post transfer, 6.78%(24557), 1.54% 5193 and 2.69% 12756 - fungus**  
 7. Have increased (unexplained) mortalities been reported to vet or FHI? **N/A**  
 If yes, detail action: **[REDACTED]**  
 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet. **Y**

**Treatments and Medicines Records**

1. Recent treatments (see comment)?	<input type="checkbox"/>	Y
If yes, detail: SLICE		
If other, detail:		
2. Medicines records available for inspection?	<input type="checkbox"/>	Y
3. Are records complete and correctly entered?	<input type="checkbox"/>	Y
4. Are fish in a withdrawal period?	<input type="checkbox"/>	Y
5. If yes, what treatment(s)?	SLICE	TMS
If other, detail:		
6. Are medicines stored appropriately?	<input type="checkbox"/>	Y

**Biosecurity Records**

1. Biosecurity records available for inspection?	<input type="checkbox"/>	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	<input type="checkbox"/>	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> mortality at the site been included?	<input type="checkbox"/>	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	<input type="checkbox"/>	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	<input type="checkbox"/>	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	<input type="checkbox"/>	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	<input type="checkbox"/>	Y
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>	Y
If no, detail:		

**Results of Surveillance**

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	<input type="checkbox"/>	Y
2. If yes, are results available for inspection?	<input type="checkbox"/>	Y
3. Any significant results?	<input type="checkbox"/>	Y
If yes, detail (if not detailed under recent disease problems).		
	2.11.22	AGD 2/14

PD - Nov 2021	Records checked between:	9/12/2-17/5/22
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Case no:  Site No:  Date of visit/  
Sampling:

Priority samples: VI  BA  PA  MG  HI

Time sampling starts/ends:   Inspector:  VMD No.

Environmental conditions: 1  2  3  4  5

Summary samples HIST  BA  MG  VI  PA  Total Samples

**Add Fish/Pools - click**

Pool/Fish No	1	2	3	4	5								
Fish nos	1	2	3	4	5								
Pool Group													
Species	SAL	SAL	SAL	SAL	SAL								
Average weight	2kg	2kg	2kg	2kg	2kg								
Sex													
Water Type	SW	SW	SW	SW	SW								
Stock Origin	Clachan hatchery	Clachan hatchery	Clachan hatchery	Damph FB0169	Damph FB0169								
Facility No	2	9	10	13	14								

05/2022 Additional Sample Information:  
killed with Tricaine

Total Tests assigned




Case Number:	2022-0143	Site No:	FS0767	Insp:			
Date of Visit	17/05/2022	<b>No of movements/supp./dest.</b>			<b>Score</b>		
<b>Live fish movements</b>		<b>0</b>	<b>1-5</b>	<b>6-10</b>	<b>&gt;10</b>		
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0	
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26		
	Number of suppliers	0	5	10	14		
Movements off	Frequency of movements off	0	3	6	10	10	
	Number of destinations	0	3	6	10	3	
<b>Exposure via water</b>		<b>Site contacts</b>			<b>0</b>	<b>1-5</b>	<b>6-10</b>
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0					
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2		4	2	
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3		6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4		8		
<b>Management practices</b>		<b>None</b>	<b>Secure</b>	<b>Unsecure</b>			
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1		2	1	
On farm processing within the rules of the directive	No on farm processing	0				0	
	Processing own fish (re-cycling risk)	1					
	Processing fish from MS of equivalent status	2					
	Processing fish from zone or compartment of equivalent status	4					
	Processing fish from Category III farm	8					
	Processing fish from Category V farm	10					
Disposal of fish and fish by-products	Site's own waste only processed.	0					
	Common processes with other farms	3				3	
	Collection point for waste from other farms	5					
Use of unpasteurised feeds	No feeding of unpasteurised feed	0					
	Feeding unpasteurised feed	5					
<b>Biosecurity</b>		<b>Number of sites</b>	<b>1</b>	<b>2 or 3</b>	<b>≥ 4</b>		
Contacts with other sites	Sites operating from single shorebase	0	1		2	2	
	Sites sharing staff and equipment	0	1		2	2	
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0	
	No	1				0	
<b>CoGP/Regulator</b>							
Practices in accordance with regulator or industry code of practice	Yes	0				0	
	No	3					
Platform access to cages	Yes	0				0	
	No	2					
<b>Total Rank</b>					<b>23</b>	<b>MEDIUM</b>	

Case No:

Site 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) followed synchronously on a single year class basis?
- 3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?
- 4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
- 5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
- 6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
- 7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)
- 8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?
- If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
- 9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
- 10. Have therapeutic treatments been administered or other actions taken when *L. salmonis* levels have exceeded the suggested criteria for treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)
- 11. Has any other action been taken (where applicable)?
- 12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
- 13. Are treatments, where conducted, carried out in cooperation between participating farms?
- 14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
- 15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?
- 16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

**Containment Inspection**

- 1. Has the site experienced equipment damage due to predators in the current or previous production cycles?
- 2. Are measures in place to mitigate against the predation experienced on site? (Detail below)
- 
- 
- 3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?
- If Yes proceed with questions 4 – 9. If No skip to question 10
- 4. Have these been reported to Scottish Ministers?
- 5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
- 6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
- 7. Were methods (if any) used to recover escapees? If yes give detail
- 8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)
- 9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)
- 10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)

Case No: 2022-0143

Site No: FS0767

Date of Visit: 17/05/2022

Inspector: [REDACTED]

**Point of Compliance**

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

Y

If N, no further questions require completion.

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

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

Y

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

Y

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

Y

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

Y

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

Y

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

Y

**Arrangements for Fish Health Management**

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

Y

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

Y

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

Y

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

Y

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

Y

**Arrangements for The Management of Sea Lice**

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

Y

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

Y

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

Y

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

Y

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

Y

**Live Fish Movements**

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

Y

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

Y

**Harvesting**

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

**Fallowing**

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

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

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

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

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

**Management and operation**

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

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

Case No: 2022-0143 Date of visit: 17/05/2022

Site No: FS0767 Inspector: XXXXXXXXXX

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp

Report Summary			
Case Type	Date	Insp	2 <sup>nd</sup> Insp
ECI, CNI, SLI, VMD	31/05/2022		

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0169	<b>DATE OF VISIT</b>	17/05/2022
<b>SITE No</b>	FS0767	<b>SITE NAME</b>	Tarbert South
<b>CASE No</b>	20220143	<b>INSPECTOR</b>	[REDACTED]

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

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

All epidemiological units were inspected. On this occasion no samples were taken for disease analysis. The Inspector did not observe any clinical signs associated with the listed diseases as described in the Aquatic Animal Health (Scotland) Regulations 2009.

### Records

The surveillance frequency category of the site was assessed as 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.

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

R25

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

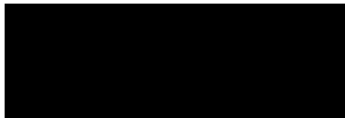
**Inspection under the Aquaculture and Fisheries (Scotland) Act 2007**

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

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

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

Signed:



Fish Health Inspector

Date: 31/05/2022

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/>

Case No: 2022-0144 Date of visit: 09/05/2022

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

Site No: FS0007 Site Name: Rothiemurchus Ponds  
Business No: FB0018 Business Name: Rothiemurchus Estate

Case Types: 1 ECI 2 CNI 3 4 5 6

Water Temp (°C): 11.4 Thermometer No: T305 FHI 045 completed N/A

Observations: Region: HI Water type: F CoGP MA:

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

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



**Additional Case Information:**

Movement records for both sites (FS0007 & FS1119) kept in one movement book for FS1119. Advised site staff to keep movements in 2 separate movement books.

All fish sold through the farm shop come only from FS0007. Records kept for fish removed for sale in farm shop. Mortality records kept.

No treatments conducted. No plans to do treatments.

Fish are kept in 2 square nets within one earth pond on the site with restricted access by a locked gate, separate from the fishery (FS1119). These are used to drip feed fish into the fishery. All fish received from Westmill. Water was peaty and visibility was restricted. One net lifted slightly to enable visual inspection. All fish observed appeared to be in good condition.

Case No:  Site No:

Date of Visit:  Inspector(s):

**Registration/Authorisation Details**

1. Business/site details summary checked by site representative?

2. Changes made to details?

**Site Details (include cleaner fish for all sections)**

Total No facilities	<input type="text" value="18"/>	Facilities stocked	<input type="text" value="1"/>	No facilities inspected	<input type="text" value="18"/>
Species	<input type="text" value="RTR"/>				
Age group	<input type="text" value="2022"/>	<input type="text" value="2021"/>			
No Fish	<input type="text" value="100"/>	<input type="text" value="260"/>			
Mean Fish Wt	<input type="text" value="0.5kg-1kg"/>	<input type="text" value="1kg-2kg"/>			
Next Fallow Date (Site)	<input type="text" value="Sep/Oct 2022"/>		Next Input Date (Site)	<input type="text" value="March 2023"/>	
Recent (last 4 wks) disease problems?	<input type="text" value="N"/>		Any escapes (since last visit)?	<input type="text" value="N"/>	
If yes, detail:	<input type="text" value=""/>				

**Movement Records**

1. Movement records available for inspection?

2. Date of last inspection:

3. Are records complete and correctly entered?

4. Are movement records available for dead fish and waste?

5. Are records complete and correctly entered?

6. Are health certificates for introductions (outwith GB) available?

**Transport Records**

1. Are any movements carried out by (or on behalf) of the business (not using a STB)?

If yes, is there a system in place for maintenance of transportation records?

**Mortality Records**

1. Mortality records available for inspection?

2. How are mortalities disposed of?

If other detail:

3. Mortality records complete and correctly entered?

4. Recent mortality (last 4 wks):

5. Evidence of recent increased/atypical mortalities?

If yes, facility nos/no mortality per facility/no stock per facility/reason:

6. Any other peaks in mortality during period checked?

If yes, detail:

7. Have increased (unexplained) mortalities been reported to vet or FHI?

If yes, detail action:

8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.

**Treatments and Medicines Records**

1. Recent treatments (see comment)?	<input type="checkbox"/>	N
If yes, detail: <input type="text"/>		
If other, detail: <input type="text"/>		
2. Medicines records available for inspection?	<input type="checkbox"/>	N/A
3. Are records complete and correctly entered?	<input type="checkbox"/>	
4. Are fish in a withdrawal period?	<input type="checkbox"/>	N
5. If yes, what treatment(s)?	<input type="text"/>	
If other, detail: <input type="text"/>		
6. Are medicines stored appropriately?	<input type="checkbox"/>	N/A

**Biosecurity Records**

1. Biosecurity records available for inspection?	<input type="checkbox"/>	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	<input type="checkbox"/>	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> mortality at the site been included?	<input type="checkbox"/>	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	<input type="checkbox"/>	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	<input type="checkbox"/>	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	<input type="checkbox"/>	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	<input type="checkbox"/>	Y
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>	Y
If no, detail: <input type="text"/>		

**Results of Surveillance**

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	<input type="checkbox"/>	N
2. If yes, are results available for inspection?	<input type="checkbox"/>	
3. Any significant results?	<input type="checkbox"/>	
If yes, detail (if not detailed under recent disease problems). <input type="text"/>		

Records checked between:	<input type="text" value="02/02/2020 - 09/05/2022"/>
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Case Number:	2022-0144	Site No:	FS0007	Insp:		
Date of Visit	09/05/2022	<b>No of movements/supp./dest.</b>			<b>Score</b>	
<b>Live fish movements</b>		<b>0</b>	<b>1-5</b>	<b>6-10</b>	<b>&gt;10</b>	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
<b>Exposure via water</b>	<b>Site contacts</b>	<b>0</b>	<b>1-5</b>	<b>6-10</b>		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		2
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
<b>Management practices</b>		<b>None</b>	<b>Secure</b>	<b>Unsecure</b>		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				
	Processing own fish (re-cycling risk)	1				1
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
<b>Biosecurity</b>	<b>Number of sites</b>	<b>1</b>	<b>2 or 3</b>	<b>≥ 4</b>		
Contacts with other sites	Sites operating from single shorebase	0	1	2		1
	Sites sharing staff and equipment	0	1	2		1
Disinfection of equipment between sites, use of footbaths etc	Yes	0				
	No	1				1
<b>CoGP/Regulator</b>						
Practices in accordance with regulator or industry code of practice	Yes	0				
	No	3				3
Platform access to cages	Yes	0				0
	No	2				
<b>Total Rank</b>					<b>25</b>	<b>MEDIUM</b>

Case No: **2022-0144**

Site No: **FS0007**

**Sea Lice Inspection (Seawater Sites Only)**

1. Has the site experienced sea lice problems in the previous 4 years?
2. Is the CoGP Farm Management Area (or equivalent) followed synchronously on a single year class basis?
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)
8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?  
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments been administered or other actions taken when *L. salmonis* levels have exceeded the suggested criteria for treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)
11. Has any other action been taken (where applicable)?
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
13. Are treatments, where conducted, carried out in cooperation between participating farms?
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

**Containment Inspection**

1. Has the site experienced equipment damage due to predators in the current or previous production cycles?  N
  2. Are measures in place to mitigate against the predation experienced on site? (Detail below)  Y
- If other, detail below:
- Screens on inflow and outflow
3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?  N  
If Yes proceed with questions 4 – 9. If No skip to question 10
  4. Have these been reported to Scottish Ministers?
  5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
  6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)
  7. Were methods (if any) used to recover escapees? If yes give detail
  8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)
  9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)
  10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)  Y



# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS No</b>	FB0018	<b>DATE OF VISIT</b>	09/05/2022
<b>SITE No</b>	FS0007	<b>SITE NAME</b>	Rothiemurchus Ponds
<b>CASE No</b>	20220144	<b>INSPECTOR</b>	██████████

### 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.

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.

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

R04

- Movement records for FS0007 were recorded in the movement records book for FS1119. Site staff were advised that separate movement records are required to be kept. These must be kept going forward and will be inspected at the next inspection.
- FS numbers must be recorded in the source/destination section of the movement record book, to allow for better traceability of stocks. It was discussed with the site manager that this would be recorded in future. No further action is required.
- No records were kept of mortalities removed from the site by general waste collection. It was discussed with the site manager that this would be recorded in future. No further action is required.

These must be addressed to ensure the conditions of authorisation for your Aquaculture Production Business (APB) are being met.

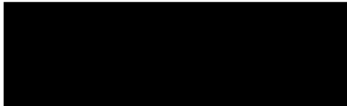
### **Inspection under the Aquaculture and Fisheries (Scotland) Act 2007**

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

On this occasion the site was found to be satisfactory.

Please contact myself or the duty inspector should you require any assistance or clarification in implementing any requirement or recommendation detailed in this report.

Signed:



Fish Health Inspector

Date: 19/05/2022

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/>