

Case No:	2023-0064	Date of visit:	01/03/2023			
Time spent on site:	3.5hrs	Main Inspector:				
Site No:	FS0106	Site Name:	Allt Mhor			
Business No:	FB0071	Business Name:	JS Salmon Ltd			
Case Types:	1 ECI	2 CNI	3	4	5	6
Water Temp (°C):	8.7	Thermometer No:	T305	FHI 045 completed	N/A	
Observations:	Region:	ST	Water type:	F	CoGP MA:	
Dead/weak/abnormally behaving fish present?	N	If yes, see additional information/clinical score sheet.				
Clinical signs of disease observed?	N	If yes, see additional information/clinical score sheet.				
Gross pathology observed?	N	If yes, see additional information/clinical score sheet.				
Diagnostic samples taken?	N					

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

Additional Case Information:

Water temperature Broodfish = 5.9C, heated water for ova, alvin & fry = 8.7C

Currently a lot of movements ova on and off the site this is conjunction with their own production at Carnasserie. Going forward plans are to only produce rainbow trout from own (Kames) broodfish.

The site has stocked broodstock without authorisation. Authorisation team has been notified. To be resolved outwith the case.

Case No: 2023-0064

Site No: FS0106

Date of Visit: 01/03/2023

Inspector(s):

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	1 hatchery, 43 tanks	Facilities stocked	1 hatchery, 15 tanks	No facilities inspected	1 hatchery, 43 tanks
Species	RTR	RTR	RTR		
Age group	Broodstock	Ova	Fry	Alvins	
No Fish	250	697,000	364,953	124,730	
Mean Fish Wt	6kg	0.1g	0.3g	0.1g	
Next Fallow Date (Site)	none		Next Input Date (Site)	Feb/March 2023	
Recent (last 4 wks) disease problems?			Y	Any escapes (since last visit)?	N
If yes, detail:	Gut fungus in the fry				

Movement Records

1. Movement records available for inspection?

Y

2. Date of last inspection:

09/03/2020

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?

Domestic waste - <25kg

If other detail: large numbers of mortality (e.g culls) go to Kames pier and are recorded in movement book

3. Mortality records complete and correctly entered?

Y

4. Recent mortality (last 4 wks):

2023/wk5: Ova 2.69% (10,606), Broodfish 0% (0); 2023/wk6: Ova 0.55% (2104), Fry 0.19% (266), Broodfish 0.51% (1); 2023/wk7: Ova 4.29% (7500), Fry 2.77% (7945), Broodfish 0% (0); 2023/wk8: Ova 4.06% (6321), 1.43% (5397), Broodfish 0% (0)

5. Evidence of recent increased/atypical mortalities?

Y

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

2023/wk7: Fry 2.77% gut fungus this has since decreased and gut fungus has since cleared up

6. Any other peaks in mortality during period checked?

N

If yes, detail:

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

N/A

If yes, detail action:

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

N/A

Treatments and Medicines Records

1. Recent treatments (see comment)?		Y
If yes, detail:		
	Aquacen	Tricaine
If other, detail:	Formalin	
2. Medicines records available for inspection?		Y
3. Are records complete and correctly entered?		N
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?		
	Aquacen	
If other, detail:	Formalin	
6. Are medicines stored appropriately?		Y

Biosecurity Records

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

Results of Surveillance

1. Has any animal health surveillance been carried out by, or on behalf of, the business?		Y
2. If yes, are results available for inspection?		Y
3. Any significant results?		Y
If yes, detail (if not detailed under recent disease problems).	Gut Fungus	
Records checked between:		
	15/08/2022-01/03/2023	

Case Number:	2023-0064	Site No:	FS0106	Insp:		
Date of Visit	01/03/2023	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	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
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		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		
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		0
	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				
Total Rank					19	MEDIUM

Case No: 2023-0064

Site No: FS0106

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

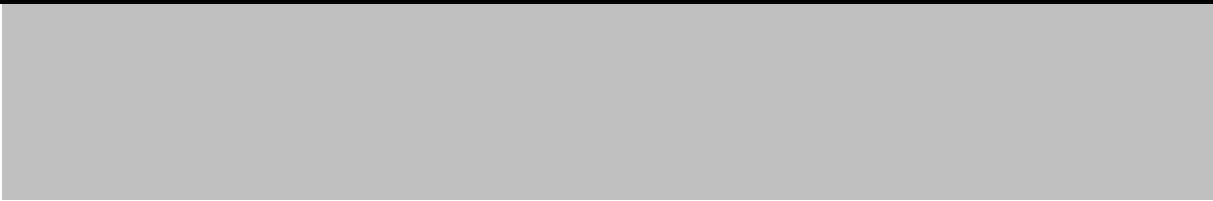
1. Has the site experienced equipment damage due to predators in the current or previous production cycles?
2. Are measures in place to mitigate against the predation experienced on site? (Detail below)

If other, detail below:

Site inside, Jump net on tanks outside with shade net, pest control, electric fence on some tanks.

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)

Site No: FS0106
Case No: 2023-0064
Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology



Date of visit: 01/03/2023

Inspector: [REDACTED]

[illegible][illegible]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0071	DATE OF VISIT	01/03/2023
SITE No	FS0106	SITE NAME	Allt Mhor
CASE No	20230064	INSPECTOR	

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

The surveillance frequency category of the site was assessed as medium. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every second year. The category of the site will be reassessed on a routine basis and updated as required.

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated. The following records were also inspected to ensure that the conditions of authorisation for your Aquaculture Production Business (APB) are being met:

Aquaculture animal and aquaculture animal product movement records were inspected and 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. the Fish Health Inspectorate or a veterinarian of increased mortality under Regulation 23 2(b) of The Aquatic Animal Health (Scotland) Regulations 2009

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 inadequately maintained.

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

- The biosecurity measures plan requires to be updated to accurately reflect the current mortality disposal methods employed on site.
- Broodfish were kept on site during the inspection without authorisation. This matter has been referred to the authorisation team. A retrospective application to stock broodfish has been received and the outcome will be issued in due course. This matter will be resolved outwith the case.

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

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

Medicine records were inspected and found to be inadequately maintained.

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

- The treatment records must include the correct withdrawal period for treatments administered on site. These should be recorded as stipulated on the veterinary prescription supplied for each treatment.

Records or documentation demonstrating that these points have been addressed should be sent to the Fish Health Inspectorate (contact details below) within 30 days of the date this report was issued.

Inspection under the 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: 14/06/2023

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

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CASE No	20230064	INSPECTOR	


Case completion report

Recommendations in relation to the above case were made for implementation by 14/07/2023. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

This case will now be closed. This site may be subject to further audit and recommendations in the future.

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

Signed:



Fish Health Inspector

Date: 18/07/2023

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/>