

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: WI Water type: S CoGP MA W-21

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:

VMD sampled by [REDACTED], observed by [REDACTED].

CNA/ESC Inspections on 17/03/2021 and 30/10/2019

Mooring works ongoing, winter check in September.

Site monitored by cameras above and below water from feed centre in Loch Boisdale. Generally able to get out to site in rough weather but working on the cages can be difficult due to large swell. Group formed for exposed sites to share experience with sites from Canada and Faroes. Only other Scottish site in this group is Colonsay.

Lumpfish stock almost gone due to two 12 hour FW treatments. Issues with Pseudomonas, treated with Florocol in June 2021. Stocked in Erisort, transferred with the fish in wellboat from Erisort in FW for 6 to 8 hrs. Farmed juveniles from Ocean Matters. Not graded out prior to FW treatment, hand netting some lumpfish out during crowd. No facility to separate cleanerfish from salmon. 21,670 fish died due to handling and lice treatments and 9,307 due to Pseudomonas in August (88.06% mortality). Input count 47,948 - total mortality until August 43,746 (91.2% total) - reported to APHA.

Not taking fish from freshwater sources, just growing fish on from other SW sites. Not mentioned in FMS.

Pens 6, 8, 9, 10 from Rum Q3

Pens 1, 2, 3, 4 Erisort Q4

Pens 5, 7, 11, 12 Erisort Q3

Sea lice data missing in 2021 for weeks 16-28 now submitted to FHI.

Alphamax treatment in August for Caligus, very effective.

Freshwater treatment in weeks 31 and 32 2021

Thermolicer treatment weeks 34 and 35 2021

Case No: **2021-0352** Site No: **FS1261**
 Date of Visit: **22/09/2021** 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	12	Facilities stocked	12	No facilities inspected	4
Species	SAL	SAL	LUM		
Age group	Q3 2020	Q4 2020	Juveniles		
No Fish	515,798	218,953	Minimal numbers		
Mean Fish Wt	3.9kg	2.5kg			
Next Fallow Date (Site)	December 2021		Next Input Date (Site)	July 2021	
Recent (last 4 wks) disease problems?			Y	Any escapes (since last visit)?	Y
If yes, detail:	Fish are CMS positive, ongoing from June. Escapes: 15/02/21 Equipment damage 19,686 fish lost -				

Movement Records

- 1. Movement records available for inspection? Y
- 2. Date of last inspection: **24/05/2017**
- 3. Are records complete and correctly entered? N
- 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)? N
- If yes, is there a system in place for maintenance of transportation records?

Mortality Records

- 1. Mortality records available for inspection? Y
- 2. How are mortalities disposed of? **Other (detail)**
- If other detail: **Kept whole in harvest bins then delivered to Eriskay and picked up on lorry to go to landfill by Whiteshore**
- 3. Mortality records complete and correctly entered? Y
- 4. Recent mortality (last 4 wks): **W34 - 1.31% 9,975, W35 - 0.9% 6,726 fish, W36 - 0.38% 1,727 fish, W37 -**
- 5. Evidence of recent increased/atypical mortalities? Y
- If yes, facility nos/no mortality per facility/no stock per facility/reason:

CMS and treatment losses.

- 6. Any other peaks in mortality during period checked? Y
- If yes, detail: **See additional info.**
- 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. Y

Treatments and Medicines Records

1. Recent treatments (see comment)?		<input type="checkbox"/>	Y
If yes, detail:	Alphamax, T.M.S., Oxytetracycline, Salmosan, Florocol		
If other, detail:	Florocol treatment for lumpfish in June		
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)?		<input type="checkbox"/>	T.M.S.
If other, detail:	P1, 2, 3, 4 withdrawal for Oxytet, P1, 2, 3, 4, 5, 7, 11, 12 withdrawal for Florocol.		
6. Are medicines stored appropriately?		<input type="checkbox"/>	Y

Biosecurity Records

1. Biosecurity records available for inspection?		<input type="checkbox"/>	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?		<input type="checkbox"/>	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any increased (unexplained) mortality at the site been included?		<input type="checkbox"/>	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and how and when that will be notified to Scottish Ministers?		<input type="checkbox"/>	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?		<input type="checkbox"/>	N
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).			
CMS positive fish. Evidence of jellyfish insults in the pens with increased mortality, visible in the gills and stomachs. Signs of PGD in most fish. Fish negative for AGD.			
Records checked between:	24/05/2017 - 22/09/2021		

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										
Pool Group												
Species	SAL	SAL										
Average weight	3.5000	3.5000										
Sex	N/A	N/A										
Water Type	SW	SW										
Stock Details												
Stock Origin	Rum	Rum										
Facility No	8	10										

Case Number:	2021-0352	Site No:	FS1261	Insp:		
Date of Visit	22/09/2021	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	
	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
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				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				
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					15	LOW

Case No: **2021-0352**

Site No: **FS1261**

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)
- Top nets, tension
nets, nets tied to
cage
- 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: 2021-0352

Site No: FS1261

Date of Visit: 22/09/2021

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?

Q12 - The section detailing the disposal of mortalities details the wrong procedure. Q18 - FMS indicates that fish will be transferred from FW sites and SW movements would only occur under exceptional circumstances, however the site has been stocked with fish from 4 SW sites. Q21 - There is a section where stock/fallow dates can be entered however the information is incomplete.

Site No: FS1261

Case No: 2021-0352

Nature of non-compliance:

Action taken (FHI):

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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF VISIT	22/09/2021
SITE No	FS1261	SITE NAME	Hellisay
CASE No	20210352	INSPECTOR	[REDACTED]

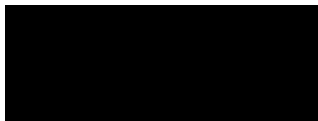
Case completion report

Recommendations in relation to the above case were made for implementation by 17/01/2022. 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:



Date: 27/01/2022

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

BUSINESS No	FB0119	DATE OF VISIT	22/09/2021
SITE No	FS1261	SITE NAME	Hellisay
CASE No	20210352	INSPECTOR	[REDACTED]

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

The surveillance frequency category of the site was assessed as 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 found to be inadequately 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 inadequately maintained.

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

- Mortalities in weeks 32 and 33 2021 attributed to AGD in the report submitted to the Fish Health Inspectorate where it should have been CMS according to the site manager.

- Stock sources in the movement records were not site specific and no FS numbers were included. It has been discussed with the site manager that the FS numbers will be recorded going forward.
- The Veterinary Health and Welfare Plan for the site does not detail the minimum health standards for incoming stock.

The Veterinary Health and Welfare Plan must be updated to ensure the conditions of authorisation for your Aquaculture Production Business (APB) are being met. Records or documentation demonstrating that this point has been addressed should be sent to the Fish Health Inspectorate (contact details below) within 30 days of the date this report was issued.

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

The farm management statement was inspected and found to be inadequately maintained. Please see the attached annex detailing the points that must be addressed.

It was also found that the site was not managed and operated in accordance with the farm management statement. It was noted that the method of mortality disposal and stock origin details (inputs came from seawater rather than freshwater) described in the farm management statement did not reflect the current practice on site. Either the site must be operated in accordance with the farm management statement or the farm management statement must be updated to reflect the current practices on site to ensure compliance with the legislation.

Please ensure that these points have been addressed by 17/01/2021. Records or documentation demonstrating that these points have been addressed should be sent to the Fish Health Inspectorate (contact details below). The site may be subject to further inspection or enforcement action should the appropriate action regarding the above points not be taken within the time period stipulated.

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

Signed:



Date: 15/12/2021

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/>

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Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Tel - 0131 244 3498 Email - ms.fishhealth@gov.scot
Website - <https://www.gov.scot/policies/fish-health-inspectorate/>

Annex - The Aquaculture and Fisheries (Scotland) Act 2007

Section 4A of the Aquaculture and Fisheries (Scotland) Act 2007, as amended, introduces the requirement for a person carrying out the business of fish farming within a farm management area⁽¹⁾ to;

(a) be party to a farm management agreement, or prepare and maintain a farm management statement, in relation to the fish farm, and

(b) ensure that the fish farm is managed and operated in accordance with the agreement or statement.

To ensure compliance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, the following points must be addressed in the farm management agreement/statement.

The statement or agreement must include arrangements for;

- **Fallowing of the farms after harvesting**
This must include the dates for fallowing of the area and the earliest date of restocking on any site covered by the statement.

⁽¹⁾ Farm management area means an area specified as such in the Code of Good Practice for Scottish Finfish Aquaculture