

Case No: 2021-0030 Date of visit: 17/03/2021

Time spent on site: N/A Main Inspector: [Redacted]

Site No: FS1261 Site Name: Hellisay
Business No: FB0119 Business Name: Mowi Scotland Ltd

Case Types: 1 CNA 2 ESC 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? N/A If yes, see additional information/clinical score sheet.
Clinical signs of disease observed? N/A If yes, see additional information/clinical score sheet.
Gross pathology observed? N/A If yes, see additional information/clinical score sheet.
Diagnostic samples taken? N/A

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

Additional Case Information:

Due to the on going Covid 19 pandemic, this inspection was conducted remotely.

Site fallowed on the 18/02

Escapes Investigation

Following a period of heavy weather in the week leading up to the 15 February 2021, with wind speeds reaching up to 85 mph, the headline on pen 11 dropped below the waterline. It is thought that friction between the metal stanchion and one of the ropes holding the headline in place became worn due to friction and snapped. This resulted in higher loads throughout other lines securing the headline, which caused them to fail.

This was first noted on the 15 February 2021, however due to conditions at site the staff were unable to raise the net until the 17 February 2021. Upon raising the net, it was found that 19,000 fish remained in the pen and it is estimated that 19,686 fish escaped.

Following the incident, the site is now fallow and modifications are being made to the equipment to ensure there is no friction between the rope and the stanchion.

An enforcement notice was issued to Mowi Scotland Limited against Hellisay (FS1261) on the 15 March 2021 as it is considered that satisfactory measures are not in place for the purposes of the containment of fish and the prevention of escape of fish at the site

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="12"/>	Facilities stocked	<input type="text" value="0"/>	No facilities inspected	<input type="text" value="0"/>
Species	<input type="text" value="Fallow"/>				
Age group					
No Fish					
Mean Fish Wt					
Next Fallow Date (Site)	<input type="text" value="Fallow"/>	Next Input Date (Site)	<input type="text" value="16/04/2021"/>		
Recent (last 4 wks) disease problems?	<input type="text" value="N"/>		Any escapes (since last visit)?	<input type="text" value="Y"/>	
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)?

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 *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:

Case No: 2021-0030 Site No: FS1261

Date of visit: 17/03/2021 Inspector(s):

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
ENHANCED CONTAINMENT INSPECTION (SEAWATER)				
a. Enquiry relating to i) escape incidents and ii) contingency procedures				
1.1. Have escape incidents or events ¹ been experienced on or in the vicinity of the site since the last MSS inspection? If yes answer 1.2-1.8:		Y		
1.2. Have appropriate reports been made to Scottish Government within 24 hours of discovery?	High	N	AAAH Regs ⁴ 31D,E	
1.3. Have these been reported to the SSPO ² and, where in existence, the local DSFB and fisheries trust?	Medium	Y	CoGP 4.4.37, 5.4.17	
1.4. Were methods (if any) used to recover escapees? If yes give detail		N		
1.5 Was the decision to attempt to recapture and the method employed agreed with the local DSFB and FT	Low	N/A	CoGP 4.4.38, 5.4.18	
1.6. Was permission sought from Marine Scotland prior to recapture?	Medium	N/A	CoGP 4.4.38, 5.4.18	
1.7 Were the gill nets deployed in accordance with the permission issued by Marine Scotland?	Low	N/A	CoGP 4.4.38, 5.4.18	
1.8. In light of the escape event, has appropriate action been taken to prevent and minimise the risk of further escapes?	High	Y		The site has been fallowed and the equipment will be replaced for upcoming cycles. This equipment was reviewed by an independent specialist to ensure it is appropriate for the conditions experienced at the site.
1.9. Is there a site specific contingency plan in response to failures in containment, aimed at preventing escapes and recovering escaped fish?	High	Y	SSI, 2,9	
b(i). Inspection of records relating to equipment, facilities and the site				
General records			CoGP: 4.4.9, 4.4.14, SSI 2,1	
2.1 With regard to each facility, net, screen and mooring at each site, a record should be maintained of:-			Facilities Moorings Nets	
a) The name of the manufacturer	Low	Y	Y	Y
b) Any special adaptations	Low	Y	Y	Y

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
c) The name of the supplier	Low	Y	Y	Y
d) The date of purchase	Low	Y	Y	Y
e) Each inspection including				
i) the name of the person conducting the inspection	Low	Y	Y	Y
ii) the date of each inspection	Medium	Y	Y	Y
iii) the place of each inspection	Low	Y	Y	Y
iv) the outcome of each inspection	High	Y	Y	Y
f) the date and result of each repair, equipment test and antifouling treatment carried out	High	Y	Y	Y
2.2. In relation to each net a record of:				
i) The mesh size	Medium	Y	SSI, 2,2	
ii) The code which appears on the identification tag	Medium	Y		
iii) The place of use, storage and disposal	Medium	Y		
iv) The depth of water between the bottom of the net and the seabed as measured at the mean low water spring	Low	Y		
2.3. In relation to each facility a record of:				
i) The date of construction	Low	Y	SSI, 2,3	
ii) The material used in construction	Low	Y		
iii) Its dimensions	Low	Y		
2.4. In relation to each mooring a record of-			SSI, 2,4	
i) The date of installation	Low	Y		
ii) The design and weight of the anchors	Low	Y		
iii) The length of the mooring ropes or chains	Low	Y		
2.5. A record of any navigation markers deployed at each site at which fish are farmed	Low	Y	SSI, 2,5	
2.6 In respect of sites at which fish are farmed in inland waters ³			SSI, 2,6	
a) The type, method of and date of construction of any flood prevention or flood defence measures in place	Low	N/A		
b) The date of and results of any tests conducted on any such measures	Low	N/A		
c) The date of any incident where the site was flood	Low	N/A		
d) The water course height during any such flood incident	Low	N/A		
2.7 A record of-			SSI, 2,7	
a) The date of any severe weather event which caused damage to any facility, net or mooring	Medium	Y	SSI, 2,11 (a)	
b) Any action taken to rectify any such damage	High	Y	SSI, 2,11 (b)	
Pen and mooring systems				

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
2.8 Are there documented procedures maintained regarding the selection and installation of pens and moorings?	High	Y	CoGP 4.4.8, 4.4.13	
2.9 Can the site demonstrate evidence that the design specification of pens and moorings are suitable for purpose and correctly installed?	High	Y	CoGP 4.4.9, 4.4.14	
2.10 Do pen systems meet the manufacturers guidelines?	High	Y	CoGP 4.4.10	
2.11 Are pen systems inspected and approved by suitably qualified / experienced person(s)?	High	Y	CoGP 4.4.11	
2.12 Is there evidence of the competence of personnel involved in the design, installation and maintenance of pen and mooring systems?	High	Y	CoGP 4.4.12, 4.4.15	
2.13 Are pen and mooring components inspected with a) a documented SOP b) a documented inspection plan based on a risk assessment	High	Y	CoGP 4.4.16	
2.14 Do all nets used on site meet industry standards?	High	Y	CoGP 4.4.17	
2.15 Can the site demonstrate an awareness of the minimum fish size in relation to net size	High	Y	CoGP 4.4.19	
2.16 Does the net design, quality and standard of manufacture take into account the conditions that are likely to be experienced on site and include adequate safety margins?	High	Y	CoGP 4.4.20	
2.17 Are nets treated with a UV inhibitor?	Low	N	CoGP 4.4.21	
2.18 Are nets tested at a pre-determined frequency?	High	Y	CoGP 4.4.22	
2.19 Is the method of test procedure based upon the manufacturers advice?	High	Y	CoGP 4.4.22	
2.20 Are frequent net inspections conducted to look for damage?	High	Y	CoGP 4.4.23	
2.21 Are net inspection records maintained?	High	Y	CoGP 4.4.23	
2.22 Is the system by which nets are attached to the pen and weighted inspected frequently?	High	Y	CoGP 4.4.24	
2.23 Where damage to nets and/or associated fittings has occurred, or the potential for damage exists, has remedial action been taken?	High	Y	CoGP 4.4.25	
b(ii). Inspection of records relating to training				
3.1 Are training programmes and plans relevant to the various onsite activities documented?	High	Y	CoGP 7.1.8	

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
3.2 Is there a satisfactory record of all training and qualifications for each person working at the site in relation to any boat operations? (This excludes well boat operations)	High	Y	SSI 2,6,a	
3.5 With respect to any transfer of or handling of fish is there a record of all training of each person working on site in relation to containment and prevention of escape of fish, and recovery of escaped fish?	High	Y	SSI 2,7,a	

b(iii). Inspection of records relating to procedures and risk assessments

4.1 Are procedures which could increase the risk of fish escaping considered to be carefully planned and supervised to minimise risk?	High	Y	CoGP 4.4.29, 5.4.12	Company are also in process of updating risk assessments
4.2 Before procedures are conducted on site, are the following in place:			CoGP 4.4.30, 5.4.13 SSI 2,7, b , SSI 2, 8, c	
a) a documented risk assessments	High	Y		
b) standard operating procedures	High	Y		
c) contingency plan	High	Y		
4.3 In relation to any boat operations at each site at which fish are farmed is there a record of				
-The type and size of each boat used for operations on the site	Low	Y	SSI 2,6,b	
- The type and size of any propeller guard fitted to each boat used on the site	Low	N	SSI 2,6,c	
4.4 Does the site suffer from regular or heavy predation?		N		
4.5 Are there records of site specific risk assessments ascertaining the risk of predator attack?	Medium	Y	CoGP 4.4.26	
4.6 Are there risk assessments undertaken on a pre-determined frequency?	Low	Y	CoGP 4.4.26	
4.7 A record of any anti-predator measures undertaken at each site at which fish are farmed including:			SSI, 2,8,a	
The type and location of each net, fence and scarer deployed	Medium	Y		
- The use of lethal means by any person involved in operations on the site	Low	N/A	SSI, 2,8,b	
4.8 Where predator nets are deployed is the advice of Annex 7 considered?	Low	N/A	CoGP 4.4.27	

c. Inspection of site and site equipment

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
5.1 Are there any obvious containment issues on the site?	High	N/A	CoGP 4.4.18	Unable to carry out physical inspection of site as inspection was conducted remotely
5.2 Is the net mesh size considered to be capable of containing all fish sizes present on site?	High	N/A		

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
5.3 Do nets carry numbered ID tags?	Low	N/A	SSI 2,2 ii	
Look at a percentage of nets on site - Does the net location meet the inventory?	Low	N/A		
5.4 Are nets stored away from direct sunlight?	Low	N/A	CoGP 4.4.21	
5.6 Are appropriate measures in place to mitigate predation on site? (Provide detail if necessary)		N/A		
5.7 Are boat operations conducted in such a manner which prevents damage to nets and pens?	High	N/A	CoGP 4.4.28	
5.8 Is there a requirement for navigation markers to be deployed?	Low	N/A	MSA ⁵ 2010 P4, S21	
5.9 If yes, has this been done in accordance with the necessary requirements?	Low	N/A	MS Marine licence	
5.10 If Yes to 5.8 is there a record of any navigation markers deployed?	Low	N/A	SSI 2,5	
d. Inspection of site specific procedures				
6.1 Are pen nets examined for holes, tears or damage prior to and during the stocking, moving or crowding of fish?	High	Y	CoGP 4.4.31	Pens are checked by divers.
6.2 If helicopter transfer of fish is conducted are receiving pen(s) properly prepared:-			CoGP 4.4.32	
a) nets should be secure	High	N/A		
b) pens should be marked with buoys clearly visible from the air	High	N/A		
c) radio contact between farm staff and helicopter crew should be maintained or where this is not possible, pens receiving fish should be manned	High	N/A	CoGP 4.4.33	
Consideration should be given to all other site procedures being undertaken during the visit with respect to containment and the risk of fish farm escapes				

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
Additional actions	Powers			Comments and advice given or action taken if necessary
e) Collection of samples If necessary collect samples. Indicate if samples have been taken and detail what those samples are and the purpose of their collection	Power granted under the Act – section 5 (3) (a)			
h) Enforcement Notice. If an enforcement notice has been issued then maintain a copy / duplicate and record detail Guidance on completing the Enforcement Notice	Power granted under the Act – Section 6 (2)			An enforcement notice was issued on in March 2021 and the requirements have been satisfied.

1 An 'escape event' can be defined as any circumstances on or in the vicinity of a fish farm which are believed to have caused an escape, or which may have given rise to a significant risk of an escape of fish.

2 FHI interpretation – Informing the SSPO is only a requirement where the site belongs to an Authorised Production Business which is signed up to the CoGP.

3 being waters which do not form part of the sea or any creek, bay or estuary or of any river as far as far as the tide flows

4 The Aquatic Animal Health (Scotland) Regulations 2009 (as amended)

5 The Marine Scotland Act 2010

Case No: Date of visit:

Site No: Inspector:

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp

Report Summary			
Case Type	Date	Insp	2 nd Insp
CNA	25/04/2023		
ESC	25/04/2023		

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF VISIT	17/03/2021
SITE No	FS1261	SITE NAME	Hellisay
CASE No	20210030	INSPECTOR	██████████

An enhanced inspection to ascertain the risk of escape from the fish farm was conducted in accordance with the Aquaculture and Fisheries (Scotland) Act 2007.

Due to government advice regarding the on-going situation with COVID-19 an inspection of the site could not be conducted. A remote surveillance inspection was conducted by telephone to gather information.

a) Inspection of i) escape incidents and ii) contingency procedures

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

b)i) Inspection of records relating to equipment, facilities and the site

An enforcement notice was issued on the 15 March 2021 to ensure that satisfactory measures were in place for the containment of fish and the prevention of escape of fish from the site.

The requirements of the enforcement notice have been met and therefore no further recommendations will be made in relation to this case.

b)ii) Inspection of records relating to training

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

b)iii) Inspection of records relating to procedures and risk assessments

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

c) Inspection of site and site equipment

As this inspection was conducted remotely, an inspection of the site and the site equipment could not be carried out.

d) Inspection of site specific procedures

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

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

Signed:



Date: 25/04/2023

Fish Health Inspector

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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF VISIT	17/03/2021
SITE No	FS1261	SITE NAME	Hellisay
CASE No	20210030	INSPECTOR	[REDACTED]

Escape Investigation

The site was remotely inspected remotely, following notification of an escape of 19,686 on 15 February 2021.

An enhanced containment inspection was conducted and a report will be issued separately.

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

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

Signed: [REDACTED]

Fish Health Inspector

Date: 25/04/2023

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/>