Case No: 2020-0344 Date of visit: 28/08/2020

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

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

Case Types: 1 ESC 2 CNA 3 4 5 6

Water Temp (°C): 13.1 Thermometer No: T172 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:

Storm Ellen struck. In a yellow warning area for high winds from Wednesday into Thursday. Wind: southerly
NO attempt was made to capture fish. The issue of recapture was discussed with local fishery boards.
There has been an increase in the number of local fishermen visiting the area. The site staff are unaware if any salmon have been caught.
Last Thursday 10:00-10:30 call from site letting senior management know that the whole group of cages in the northern half of the site were moving north. Thursday the group was secured by a well boat and tug boat. 6 pens were intact, 4 were damaged (in the northern half of the site). Divers were in on Friday together with an ROV. Holes in pen 1 (which was written off) and 4 were detected. Four pens were harvested and morted (figures below)
Pen 1: 48,124 (total), 29,125 (dead) 18,999 (missing),
Pen 2 and 3 all harvested (morts - cage 2: 150, cage 3: 1,125)
Pen 4: 46,195 (total), 216 (morts), 16,144 (harvested), 29,835 (missing)
All harvesting on Friday and Saturday. All processed by Tuesday.
Site staff were on site on Thursday, they returned to shore early in the morning when conditions deteriorated. They could see from the cameras on site the pens were moving. The team drove north up on a hill overlooking the site and could see the pens were moving north. The cages swung around 180 degrees north west (clockwise) due to the wind coming from the south east. The Ronja Fisk well boat and a tug were nearby and attached a bridle rope to a cage to secure the pens. All ten cages were attached to each other.

DC arrived at about 16:00. A tug was operating nearby in Loch Fyne and was called to secure the cages between 16:00-19:00. Tug called Kingdom of Fife. Most southerly pens and grid buoy attached to tug. Ronja Fisk were also attached to most southerly cages to hold them in place over night. Team on site by about 6am on Friday. Started working to assess damaged pens at 10am. The cages were secured to the grid already. The fish were removed from the pens next. Divers arrived at 8am with an ROV at 10-11am. Took about two hours to check the pens with ROV and divers. The hole in cage 1 was repaired using a sweep net. The sweep net had a lead weight holding the bottom tought and the top was secured to the water line of the netting. Cage 4 was repaired by divers using thread to secure the holes. Fish from cage 2 were harvested first. Had to start on cage 2 as it was on the outside of the grid and the easiest to access. Once this pen was moved out of the way the other pens could be tended to. Then pen 4 and pen 3 harvested. Morts from pen 1 being removed whilst harvesting and removing fish from other cages. Morts removed using "Foover" and uplifts. The "Foover" uses jets of water to move fish into basket and then uses a ROV to bring basket to surface. Morts placed on a mort bin on work boat and either ensiled on the barge, or transferred into skips on Ferguson work boat. Once skips at shore they would have been transported to either Dundas or Energen Biogas in Cumbernauld. Billy Bowie supplied skips and Ferguson Transport the lorries and boats to shift the waste.

What caused holes is unknown on pen 1. Pens 4 had a buoy wash into it causing a hole. The deformation of pen 1 probably meant that the net had undue stress in places that it wasn't supposed to causing a hole to rip. However this is unconfirmed. Broken mooring ropes has been sent to Aberdeen for assessment. Multiple mooring lines snapped. Once one went that put more stress on other ropes causing a chain reaction, this is also unconfirmed. Unknown at present how many ropes snapped.

Harvesting of stock was undertaken by Ronja Fisk, Ronja Harvester and Ronja Challenger. Grip fisk and Ronja Viking on stand-by. All fish from affected pens went to Mallaig for processing. All fish to Ireland were planned to be harvested anyway. Fish not counted on site as the pens have been ROV and diver checked and no holes were found. There are no plans to count these cages as it is thought very unlikely fish escaped without any holes detected.
No attempt made to recover fish due to safety concerns associated with bad weather. [redacted] has been in touch with fisheries boards. Local people have been seen trying to catch fish using a rod and line but it is unknown if anything has been caught.
Cages moved approx. 200-300m.
WRS from the wild, LUM hatched at Anglesey (Mowi owned).
LUM and WRS were harvested out of the affected pens and were culled at Mallaig.
Mortality before the incident was slightly elevated caused by gill challenges and harvesting.
LUM came onto site at 27g-35g and some are around 120g at the time of the remote inspection. LUM are now between 27g - 120g as they have come onto site at different times
Last lice count was done on 16/08/2020 due to the site staff being busy with harvesting and dealing with latest incident.
Four damaged cages to move off the site the day of the physical inspection. These will go to Kishorn for repair. Since the aerial footage the cages have 'sprung back' into a circular or near circular shape. Nets sent to Knox base in Kilbernie for washing and repair. If the nets are not repairable they will be disposed of by Knox.
Foover removed fish into tubs on a work boat. Morts disposed off in three ways. Ensiler capacity on barge is 64,000L and that was filled up. Second route for disposal was Billy Bowie skips sitting on a Ferguson transport boat. The skips on the work boat were unloaded into Billy Bowie skips on Ferguson transport boat (each skips holds about 12 morts tubs full) and these were then taken to Tarbert where they were unloaded onto a truck and taken to either Dundas or Energen biogas in Cumbernauld disposal points. Third method was the mort tubs on a Mowi work boat were taken to the harbour where a Billy Bowie tanker will meet them to suck whole fish out of the tubs and taken to Energen or Dundas.

ROV survey conducted on the sea bed to make sure anchors were secure before fish moved onto site.
Mort disposal invoices checked and were satisfactory.
No missed mooring inspections. The moorings are inspected by ROV in between cycles and by divers during cycle
Contingency plan says recapture will be discussed with local fishery boards. This was followed in the most recent incident

ROV inspection on the moorings, anchors, barge and nets. Finished inspection day before physical inspection. Anchor security also checked. Cages newly installed in July and August 2019. Far higher spec than previous cages that deformed during the 'Beast from the East'
Very detailed 20 page document detailing every phase of each the grid set up each day from 2015 - 2020 provided by Mallaig Marine Ltd. Most recent work carried out in June 2020.

Case No:	2020-0344	Site No:	FS1176
Date of Visit:	28/08/2020	Inspector(s):	[redacted]

Registration/Authorisation Details

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

Site Details

Total No facilities		20	Facilities stocked		16	No facilities inspected		20
Species	SAL	LUM	WRS					
Age group	2019 Q3	mixed	mixed					
No Fish	943,838	83,600	1,860					
Mean Fish Wt	4.12	mixed	mixed					
Next Fallow Date (Site)		Feb-Mar 2021		Next Input Date (Site)		3rd quarter in 2021		

Recent (last 4 wks) disease problems?	Y	Any escapes (since last visit)?	Y
If yes, detail:	Complex gill patholgy and AGD (gill scores about 1-2). PRV diagnosed but no clinical signs.		

Movement Records

1. Movement records available for inspection?	Y
2. Date of last inspection:	27/04/2020 (PSI)
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)?	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?	Ensiled - on site
If other detail:	
3. Mortality records complete and correctly entered?	Y
4. Recent mortality (last 4 wks):	54,177 in last 4 weeks.
5. Evidence of recent increased/atypical mortalities?	Y

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

Storm Ellen mortality. See additional info.

6. Any other peaks in mortality during period checked?	N
If yes, detail:	
7. Have increased (unexplained) mortalities been reported to vet or FHI?	Y
If yes, detail action:	Reported to company biologist, Patogen and FVG.
8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.	Y

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

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?	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).	Some gill pathology. PatoGen visited on 11/08/2020 and tested for PMCV, pasteuralle syensis, Yersinia and SAV/PD, all were negative. 12/12 were positive for PRV-1.

Records checked between: 27/04/2020 - 28/08/2020

Case No: 2020-0344 Site No: FS1176

Date of visit: 28/08/2020 Inspector(s): [redacted]

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?		Y		
If yes answer 1.2-1.8:				
1.2. Have appropriate reports been made to Scottish Government within 24 hours of discovery?	High	N	AAAH Regs[4] 31D,E	No cleaner fish were included in either the initial or final escape notifications
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	[redacted] has contacted local fisheries trusts and SSPO.
1.4. Were methods (if any) used to recover escapees?		N		Discussed with local DSFB but decided not to proceed to avoid indiscriminate capture of wild fish
If yes give detail				
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		Sweep net used to cover hole in one net and divers used thread to fix hole in another net. Well boat and tug used to secure cage group to prevent them from drifting further. Harvested and removed dead from 4 cages asap after the it was safe to do so.
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	The contigency plan states that recovery should be discussed with local fisheries interests. This was done
b(i). Inspection of records relating to equipment, facilities and the site				
General records 2.1 With regard to each facility, net, screen and mooring at each site, a record should be maintained of:-		Facilities	CoGP: 4.4.9, 4.4.14, SSI 2,1 Moorings	Nets

Point of compliance	Risk level	Satisfactory?	Requirement		Comments and advice given or action taken if necessary
a) The name of the manufacturer	Low	Y	Y	Y	Cages meet TS. Nets new last year. Mooring installed 2015 supplied by Morenot in accordance with Norwegian and Scottish TS.
b) Any special adaptations	Low	Y	Y	Y	
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	Mallaig Marine have report of mooring checks. Mooring checks conducted when sites are fallow (by ROV) and a check conducted during production (by divers). Net also checked by Foover, RONC, divers and ROV's.
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	Diver reports checked on site and they have repairs detailed on them.
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			Morenot net log. The nets are new so have not been for their first service.
iv) The depth of water between the bottom of the net and the seabed as measured at the mean low water spring	Low	Y			Observed during physical inspection
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			Observed during physical inspection
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				
b) The date of and results of any tests conducted on any such measures	Low				

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
c) The date of any incident where the site was flood	Low			
d) The water course height during any such flood incident	Low			
2.6 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)	Internal crisis team recorded the event. All info for most recent event will not be available until the full investigatyion has been carried out. But it is recorded.
b) Any action taken to rectify any such damage	High	Y	SSI, 2,11 (b)	
Pen and mooring systems				
2.7 Are there documented procedures maintained regarding the selection and installation of pens and moorings?	High	Y	CoGP 4.4.8, 4.4.13	Mowi net mooring and facility record
2.8 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	Statements provided by installation company, Mallaig Marine.
2.9 Do pen systems meet the manufacturers guidelines?	High	Y	CoGP 4.4.10	
2.10 Are pen systems inspected and approved by suitably qualified / experienced person(s)?	High	Y	CoGP 4.4.11	Statements provided by installation company
2.11 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	
2.12 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	
2.13 Do all nets used on site meet industry standards?	High	Y	CoGP 4.4.17	
2.14 Can the site demonstrate an awareness of the minimum fish size in relation to net size	High	Y	CoGP 4.4.19	All nets in seawater are 18mm. No fish is released from site of origin until they reach 60g. Most smolts transferred are 90-100g.
2.15 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	Full report provided by Morenot based on 50 year current and wind and wave data.
2.16 Are nets treated with a UV inhibitor?	Low	Y	CoGP 4.4.21	Treated as standard
2.17 Are nets tested at a pre-determined frequency?	High	Y	CoGP 4.4.22	Nets arrive on site with Morenot net record with pre-use test results for each net.
2.18 Is the method of test procedure based upon the manufacturers advice?	High	Y	CoGP 4.4.22	
2.19 Are frequent net inspections conducted to look for damage?	High	Y	CoGP 4.4.23	Divers carry out net inspections every two week. Nets also inspected using RONC. RONC is on the site all the time cleaning and inspecting on a continuous cycle. Each net checked using RONC every 10 days. Foover also fitted with a camera and can be used to check for damage.

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
2.20 Are net inspection records maintained?	High	Y	CoGP 4.4.23	New nets on site. Old nets disposed of
2.21 Is the system by which nets are attached to the pen and weighted inspected frequently?	High	Y	CoGP 4.4.24	9.5 tonne froyer ring used to weight each net together with 300kg centre weight. These are checked by divers each time they visit.
2.22 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	Repaired using twine and reported to site manager using diver log.
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	Observed during physical inspection
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	Mowi academy recently started using online training. All staff enrolled. Escapee prevention module is available through Mowi academy.
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	Observed during physical inspection
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		Observed during physical inspection
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	7 polar circle boats at 7m long.
- The type and size of any propeller guard fitted to each boat used on the site	Low	Y	SSI 2,6,c	2 large work boats have propellar guards fitted.
4.4 Does the site suffer from regular or heavy predation?		N		Periodically seal predation experienced. Measure include: ADD, double mesh panel at the bottom of each net, tensioned nets, bird nets over each cage.

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
4.5 Are there records of site specific risk assessments ascertaining the risk of predator attack?	Medium	Y	CoGP 4.4.26	Observed during physical inspection
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	Y	SSI, 2,8,b	Have had to use lethal means in the past
4.8 Where predator nets are deployed is the advice of Annex 7 considered?	Low	Y	CoGP 4.4.27	
c. Inspection of site and site equipment				
5.1 Are there any obvious containment issues on the site?	High	N		
5.2 Is the net mesh size considered to be capable of containing all fish sizes present on site?	High	Y	CoGP 4.4.18	

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	Y	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	Not stored off site. Unsure of method of storage
5.6 Are appropriate measures in place to mitigate predation on site? (Provide detail if necessary)		Y		
5.7 Are boat operations conducted in such a manner which prevents damage to nets and pens?	High	Y	CoGP 4.4.28	
5.8 Is there a requirement for navigation markers to be deployed?	Low	Y	MSA[5] 2010 P4, S21	
5.9 If yes, has this been done in accordance with the necessary requirements?	Low	Y	MS Marine licence	NLB inspected periodically
5.10 If Yes to 5.8 is there a record of any navigation markers deployed?	Low	Y	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	Divers specifically check these before each procedure and RONC and Foover check constantly whilst in use.
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			
b) pens should be marked with buoys clearly visible from the air	High			
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		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)			

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: 2020-0344 Date of visit: 28/08/2020

Site No: FS1176 Inspector: [redacted]

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

Report Summary			
Case Type	Date	Insp	2nd Insp
ESC	09/09/2020	[redacted]	[redacted]
C.N.A	05/11/2020	[redacted]	[redacted]
Case completion	23/04/2021	[redacted]	[redacted]

[redacted]
Mowi Scotland Ltd
Stob Ban House
Glen Nevis Business Park
Fort William
PH33 6RX
[redacted]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO	FB0119	**DATE OF VISIT**	28/08/2020
SITE NO	FS1176	**SITE NAME**	Eilean Grianain
INSPECTOR	[redacted]	**CASE NO**	20200344

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.

The visit consisted of an inspection of facilities, records and the provision of advice.

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

The following recommendation is made for improvement.

It is recommended that a documented review should be undertaken of the contingency plans that describe actions to be taken in the event of any escapes as required by the Code of Good Practice for Scottish Finfish Aquaculture (CoGP) (Chapter 4, section 4.34). This review should ensure that details of all aquaculture animal species held within pens, and may have breached containment, are included in the notification required under regulation 31D of The Aquatic Animal Health (Scotland) Regulations 2009 (as amended). Stock census procedures should ensure the required data is available for the necessary notifications.

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

Although the site meets the requirement of current Scottish industry best practice, the following recommendations are made in relation to the incident reported on 20th August 2020.

It is recommended that Mowi Scotland Ltd. conduct a documented review of the procedures in place for the selection and installation of moorings in accordance with the Code of Good Practice for Scottish Finfish Aquaculture (CoGP) (Chapter 4, section 4.13). This should include a review of the selection of the anchor mooring points for the feed barge and the fish pens, and any possible interaction between mooring equipment over time.

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/

It is also recommended that a documented review is undertaken of the standard operating procedure, risk assessment and inspection plan for the moorings on site in accordance with CoGP Chapter 4, section 4.16. This should include a review of the inspection method and frequency, for each mooring component, to ensure improvements to the re-installation procedures for the mooring equipment of both the pens and feed barge taking account of any possible interaction between the mooring equipment over time..

It is advised that the reviews described above should demonstrate that the guidance issued in A Technical Standard for Scottish Finfish Aquaculture is being met for points 3.2.1.1.4, 3.2.1.1.8, 8.6.1.3.2, 8.6.1.3.3, also in Annex 4 points A4.10 and A4.21.1.1 (implemented through point 1.3.1.1).

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

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

d) Inspection of site specific procedures

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

Further Action

Please ensure that these points have been addressed by **5th May 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: [redacted] Date: 05/11/2020

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/

Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Tel – 0131 244 3498 Fax – 01224 295620 Email – ms.fishhealth@gov.scot
Website - www.gov.scot/Topics/marine/science

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO	FB0119	**DATE OF VISIT**	28/08/2020
SITE NO	FS1176	**SITE NAME**	Eilean Grianain
CASE NO	20200344	**INSPECTOR**	[redacted]

Case completion report

Recommendations in relation to the above case were made for implementation by 05/05/2021. 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: [redacted] Date: 27/04/2021

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/

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/

[redacted]
Mowi Scotland Ltd
Stob Ban House
Glen Nevis Business Park
Fort William
PH33 6RX
[redacted]

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SITE NO	FS1176	**SITE NAME**	Eilean Grianain
INSPECTOR	[redacted]	**CASE NO**	20200344

Escape Investigation

The site was inspected following notification of an escape of 48,834 Atlantic salmon on 20th August 2020. (Marine Scotland escape incident number: MSe200820SAL1)

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

All epidemiological units were inspected.

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

The 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.

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

Signed: [redacted] Date: 09/09/2020

Fish Health Inspector

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Figure 1: Cage 1 the day following the incidient (21/08/2020)

Figure 2: Drone photo of the cages following the incident (from BBC website)

Figure 3: Drone photo of cages following the incident (from BBC website)

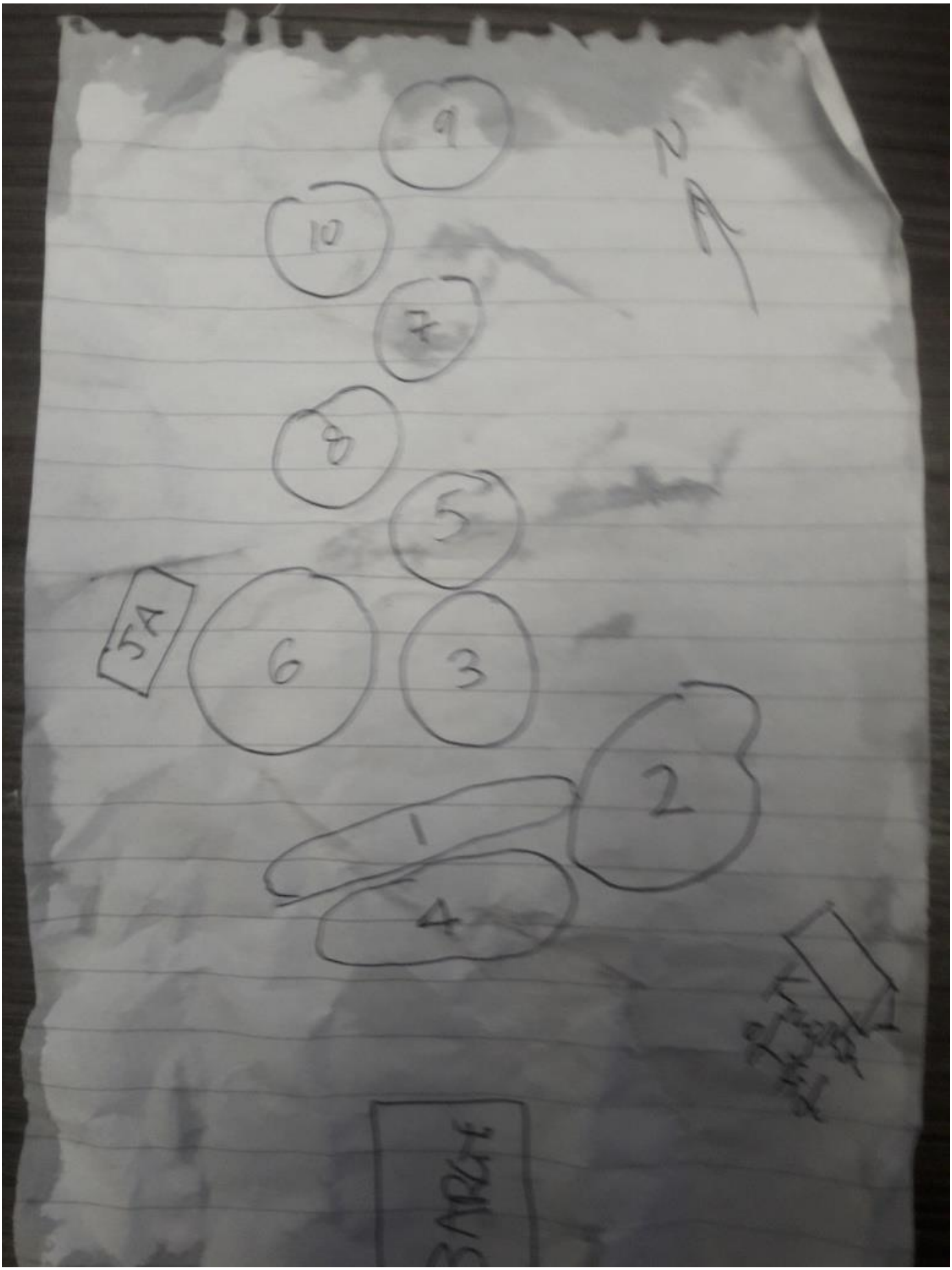

Figure 4: Diagram drawn by a member of site staff dipicting how the cages lay following the incident

Figure 5: Cage 1 on the day of the physical inspection

Figure 6: Cage 1 on the day of the physical inspection