

Case No:	2019-0137		Date of visit:	28/03/2019	
Time spent on site:	8 hours		Main Inspector:		
Site No:	FS1287	Site Name:	Corlarach		
Business No:	FB0440	Business Name:	Grieg Seafood Shetland Ltd		
Case Types:	1 ESC	2	3	4	5
Water Temp (°C):	8.3	Thermometer No:	T205	FHI 045 completed	Y
Observations:	Region:	HI	Water type:	S	CoGP MA M-25
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:					

Additional Case Information:

Site currently in fallow - no nets in the water, all fish harvested out.

A visual inspection of units was conducted to confirm that there are no fish or nets in the water at Corlarach.

Additional information regarding escapes from January 2019 was collected to finalise an escape investigation that began in February 2019 (case no 2019-0076).

Questions asked:

Site manager was asked about mortality removal over Christmas, and whether or not removal was impacted by weather or staff holidays and whether this could have contributed to the increased damage caused to nets by predators. The site manager said that there was no unusual build up of morts over the Christmas period despite adverse weather conditions affecting removal. Mortality records for the 2 weeks over Christmas and new years was checked to confirm this.

Site manager was asked if the dive team that provides net repair/checking services for the site were aware of the reporting procedure regarding potential escapes. The site manager said that this was not part of their training as they are a third party contracted in and not specifically employed by Grieg. He said that reporting potential escapes is now part of the divers training and they are now aware of responsibilities regarding breaches of containment.

The site manager was asked what the reporting procedure for site staff is regarding breaches of containment, and if they are aware of their obligation to notify MS within 24 hours of discovery. He said that there are clear reporting procedures as part of their SOP's regarding containment and escapes. However they will be conducting a review of the team structure at the end of cycle to identify clear lines of responsibility in regards to reporting potential escapes to the FHI. Part of this will include the hiring of two assistant area managers for Skye to help with these issues in the future.

The site manager was asked about the predator risk assessment for the site and if that will be subject to any changes considering the recent breaches of containment attributed to predator damage. The site manager said that a full review of the predator risk assessment will be conducted at the end of cycle in April/May once all fish have been harvested out.

The site manager was asked about the equipment risk assessment for the site and if that will be subject to any changes in light of equipment damage resulting in breaches of containment on the site. The site manager said that a full review of all equipment risk assessments would be conducted at the end of cycle to identify new risks in light of damage inflicted by predators. He mentioned that the company was looking into using dyneema or seal pro nets in the future to combat predator damage to equipment. However if this is cost effective for the company will need to be determined during review.

The site manager was asked where the fish from pen 2 at Corlarach are now and what plans are in place to conduct a reliable count of the fish to determine if any have escaped. The fish are now in a pen at Leinish and there are no current plans to move, mix or split the fish with other populations. This pen will be one of the last to be harvested from this group of sites, but they will be accurately counted at harvest and the final count for that pen will be reported to the FHI once the count has been completed.

Inspection and paperwork completed by [REDACTED] supervised by [REDACTED]

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

Registration/Authorisation Details

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

Site Details

Total No facilities	<input type="text" value="10"/>	Facilities stocked	<input type="text" value="0"/>	No facilities inspected	<input type="text" value="0"/>
Species	<input type="text" value="N/A"/>				
Age group	<input type="text" value="N/A"/>				
No Fish	<input type="text" value="N/A"/>				
Mean Fish Wt	<input type="text" value="N/A"/>				
Next Fallow Date (Site)	<input type="text" value="In Fallow now"/>		Next Input Date (Site)	<input type="text" value="Oct 19"/>	

Recent (last 4 wks) disease problems? Any escapes (since last visit)?
 If yes, detail:

Movement Records

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

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, add MRT case and enter on mortality events sheet.

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

Biosecurity Records

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

Results of Surveillance

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

Records checked between: 20/02/2019 - 28/03/19

[REDACTED]
Grieg Seafood Shetland Ltd
Gremista
Lerwick
Shetland
ZE1 OPX
[REDACTED]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0440	DATE OF VISIT	28/03/2019
SITE No	FS1287	SITE NAME	Corlarach
INSPECTOR	[REDACTED]	CASE No	20190137

The site was inspected following notification of circumstances which gave rise to a significant risk of escape of Atlantic Salmon on 4/1/19, 6/1/19 and 9/1/19 (Marine Scotland escape incident numbers MSe040119SAL1, MSe060119SAL1 and MSe090119SAL1).

On this occasion the site was found to be in fallow with all nets removed from units.

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: 24/05/2019

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