

Case No: 2018-0192 Date of visit: 07/06/2018

Time spent on site: 13 hrs Main Inspector: WJM

Site No: SS0759 Site Name: Fearna

Business No: SB0530 Business Name: Loch Striven Mussel Farms Ltd

Case Types: 1 MOV 2 ECI 3 4 5 6

Water Temp (°C): N/A Thermometer No: FHI 045 completed

Observations: Region: ST Water type: S 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:

Harvesting almost complete. Only 3.5 - 4 lines remaining. Collection ropes being put out on lines that have been harvested. Mussels looking clean.

On site to inspect 18 bags of mussels destined for Lenger Seafoods Ireland Ltd, Carlingford Lough. No other species noted and certificate INTRA.GB.2018.0015746 (MD18/031) issued.

Case No: **2018-0192** Site No: **SS0759**
 Date of Visit: **07/06/2018** Inspector(s): **WJM**

Registration/Authorisation Details

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

Site Details

Total No facilities	30	Facilities stocked	4	No facilities inspected	30
Species	MED				
Age group	2017				
No Fish	~40 tonnes				
Mean Fish Wt	25mm				
Next Fallow Date (Site)	June 2018	Next Input Date (Site)	wild spat fall 2018		

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

Movement Records

- 1. Movement records available for inspection? **Y**
- 2. Date of last inspection: **06/06/2018**
- 3. Are records complete and correctly entered? **Y**
- 4. Are movement records available for dead fish and waste? **N/A**
- 5. Are records complete and correctly entered? **N/A**
- 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)?
 If yes, is there a system in place for maintenance of transportation records?

Mortality Records

- 1. Mortality records available for inspection? **N/A**
- 2. How are mortalities disposed of? **Other (detail)**
 If other detail: **empty shells drop to seabed**
- 3. Mortality records complete and correctly entered? **N/A**
- 4. Recent mortality (last 4 wks): **No observed mortality**
- 5. Evidence of recent increased/atypical mortalities? **N/A**
 If yes, facility nos/no mortality per facility/no stock per facility/reason:
- 6. Any other peaks in mortality during period checked? **N/A**
 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, add MRT case and enter on mortality events sheet. **N/A**

Treatments and Medicines Records

1. Recent treatments (last 4 wks)?	
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?	N
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	N/A
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?	N/A
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?	N/A
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	N/A
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.)?	N/A
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	N/A
8. Have the biosecurity procedures been adequately implemented on site?	N/A
If no, detail:	

Results of Surveillance

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
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: 06/06/2018 - 07/06/2018

Case Number:	2018-0192	Site No:	SS0759
Date of Visit	07/06/2018	Inspector:	WJM
Number of Susceptible species on site			
If no susceptible species present = LOW risk			
If susceptible species present, score for each pathogen			
		No	Yes
Susceptible to Bonamia ostrea (OED)		0	25
Susceptible to Marteilia refringens (OED, MED)		0	3
Susceptible to OshV (CGI)		0	3
			0
			3
			0
Sites within a tidal excursion			
		1	2-5
			>6
Site contacts	Number of sites holding susceptible species within a tidal excursion	0	2
			10
			2
Live shellfish movements			
		0	1-2
			>3
Movements on	Frequency of movements on from equivalent MS	0	5
			10
			0
	Frequency of movements on from equivalent zone or compartment including third country	0	10
			20
			0
	Number of suppliers	0	5
			10
			0
Movements off	Frequency of movements off <u>within</u> MSS Management Areas	0	1
			2
			2
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3
			6
			6
	Number of destinations	0	3
			6
			3
Management practices			
		Secure (effluent treatment)	Unsecure (no effluent treatment)
		None	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1
			2
			0
	Depuration of stock from other businesses sites within MSS management area	0	2
			6
			0
	Depuration of stock from sites outwith MSS management area	0	4
			8
			0
Biosecurity			
	Number of sites	1	2 or 3
			≥ 4
Contacts with other sites	Sites operating from single shorebase	0	1
			2
			1
	Sites sharing staff and equipment	0	1
			5
			1
		Yes	No
	Disinfection of equipment between sites, use of footbaths etc	0	2
			0
Total Risk			
18			
MEDIUM			

[REDACTED]
Loch Striven Mussel Farms Ltd
The Point Ardtaraig Estate
Loch Striven
Argyll
PA23 8RG
[REDACTED]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	SB0530	DATE OF VISIT	07/06/2018
SITE No	SS0759	SITE NAME	Fearna
INSPECTOR	Warren Murray	CASE No	20180192

Case completion report

Issues were raised in relation to the above case, with a requirement for records unavailable for inspection to be submitted by 02/11/2018. The required records have now been provided to Marine Scotland.

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]

Fish Health Inspector

Date: 02/11/2018

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

[REDACTED]
Loch Striven Mussel Farms Ltd
The Point Ardtaraig Estate
Loch Striven
Argyll
PA23 8RG
[REDACTED]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	SB0530	DATE OF VISIT	07/06/2018
SITE No	SS0759	SITE NAME	Fearna
INSPECTOR	Warren Murray	CASE No	20180192

Inspection for placing on the market in the EU

In accordance with the Trade in Animals and Related Products (Scotland) Regulations 2012 and European Community Council Directive 2006/88/EC, the above site was visited and a consignment of blue mussel (*Mytilus edulis*) for placing on the market in Ireland was inspected. A health certificate was issued which must travel with the consignment to the destination. The official authority in the importing country has been notified.

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

Signed:

[REDACTED]

Date: 25/06/2018

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

Loch Striven Mussel Farms Ltd
The Point Ardtaraig Estate
Loch Striven
Argyll
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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	SB0530	DATE OF VISIT	07/06/2018
SITE No	SS0759	SITE NAME	Fearna
INSPECTOR	Warren Murray	CASE No	20180192

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

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.

No mortality had been observed on site since the last inspection by Marine Scotland.

No animal health surveillance had been carried out on behalf of the business and/or Marine Scotland since the last Marine Scotland Inspection.

The biosecurity measures plan for the site was not available for inspection.

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

- Biosecurity measures plan unavailable for inspection. Site correspondent to send in a copy.

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.

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: 25/06/2018

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

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: SH Water type: S CoGP MA: None

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:

Experiencing grumbling mortality 2-3 weeks post IP vaccination particularly with Ridgeway vaccine (*Pseudomonas anguilliseptica*, *Vibrio* sp., *Aliivibrio* sp. and *Aeromonas salmonicida*). Nothing conclusive from histology, occasionally isolating bacteria (*P. anguilliseptica* 1/20 in recent report). Use different vaccines as per customer request, but same vaccinating team and not seeing increase in mortality following vaccination with Pharmaq vaccine (*A. salmonicida*, *Vibrio anguillarum* and *Vibrio salmonicida*).

IP vaccination at 12-15g depending on vaccine. Using specialised vaccination table for lumpfish. The fish are held in shallow water and the surface of the table is ridged to prevent the fish from attaching with their suckers. Some fish are also dip vaccinated at around 1g. Discussions in industry on whether dip vaccinating needs to be carried out twice as a proportion of the population may not be taking in vaccine as they close their opercula and 'hold their breath' during the bath.

Fish are deployed to sea sites at 25-30g. It is difficult to ensure vaccination carried out early enough and keep to required size for deployment. Fish must be a minimum size for vaccination, but there is a period of 350-450 degree days following vaccination before they can be deployed and the fish grow quite quickly. Fish are graded 1 week before deployment with small and large grade removed. Currently have some large fish, but unable to find a customer for them.

Fish are treated with either florfenicol or branil predeployment at customer request. Fish are receiving a feed supplement to enhance immune system.

Experienced a power outage last October which led to water pump failure. Unable to get water flowing to site and decision made to cull stock on site using MS222 (~200,000 fish). During fallow period found problem with pump and this has been fixed. Intake water is treated with UV.

Rebuilding larval unit as issues with water flow. Tanks in temporarily for next batch of larvae from Iceland, but further work to be carried out including raising tanks. Lumpfish prefer higher water flows.

Fish appeared to be in good condition.

Case No: **2018-0234** Site No: **FS1065**
 Date of Visit: **31/05/2018** Inspector(s): **ALW**

Registration/Authorisation Details

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

Site Details

Total No facilities	60	Facilities stocked	22	No facilities inspected	60
Species	LUM				
Age group	Mixed				
No Fish	315,256				
Mean Fish Wt	1.5g-120g				
Next Fallow Date (Site)	N/A	Next Input Date (Site)	June 2018		

Recent (last 4 wks) disease problems? Y Any escapes (since last visit)? N
 If yes, detail: **Grumbling mortality post vaccination - nothing conclusive**

Movement Records

- 1. Movement records available for inspection? Y
- 2. Date of last inspection: **03/04/2017**
- 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? Y

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? **Incinerated - Shetland Waste to Energy**
- If other detail: **Frozen first**
- 3. Mortality records complete and correctly entered? Y
- 4. Recent mortality (last 4 wks): **Total mortality for May = 12,818 (1-6/5/18 = 676, 7-13/5/18 = 1,121, 14-20/5/18 = 4,409, 21-27/5/18 = 4,765, 28-30/5/18 = 1,847)**
- 5. Evidence of recent increased/atypical mortalities? Y
- If yes, facility nos/no mortality per facility/no stock per facility/reason:
Higher in tanks N9, N16, N21, G2 and G10 following vaccination
- 6. Any other peaks in mortality during period checked? Y
- If yes, detail: **October 2017 - culled out all animals due to pump failure (~200,000)**
- 7. Have increased (unexplained) mortalities been reported to vet or FHI? Y
- If yes, detail action: **Ongoing sampling - nothing conclusive**
- 8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet. N/A

Treatments and Medicines Records

1. Recent treatments (last 4 wks)?	<input type="checkbox"/>	Y
If yes, detail:	Branzil, Florfenicol	
If other, detail:		
2. Medicines records available for inspection?	<input type="checkbox"/>	N/A
3. Are records complete and correctly entered?	<input type="checkbox"/>	
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 <i>increased (unexplained)</i> 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"/>	N
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).	See above	

Records checked between:

Case Number:	2018-0234	Site No:	FS1065	Insp:	ALW	
Date of Visit	31/05/2018	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	5
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	5
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	10
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				0
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		0
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		0
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		0
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				0
	Processing fish from MS of equivalent status	2				0
	Processing fish from zone or compartment of equivalent status	4				0
	Processing fish from Category III farm	8				0
	Processing fish from Category V farm	10				0
Disposal of fish and fish by-products	Site's own waste only processed.	0				0
	Common processes with other farms	3				0
	Collection point for waste from other farms	5				0
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				0
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		0
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				0
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				3
Platform access to cages	Yes	0				0
	No	2				0
Total Rank					33	HIGH

Case No: 2018-0234

Site No: FS1065

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 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. Does the stock on site appear satisfactory in relation to sea lice level and 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)

Site inside

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: 2018-0234

Site No: FS1065

Date of Visit: 31/05/2018

Inspector: ALW

Point of Compliance

1. Is the farm under inspection located within a farm management area?

N

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?

FAI Aquaculture Ltd
Ardtoe Marine Research Facility
Ardtoe, Acharacle
Argyll
PH36 4LD

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0439	DATE OF VISIT	31/05/2018
SITE No	FS1065	SITE NAME	FAI Shetland
INSPECTOR	Andrea Warwick	CASE No	20180234

Case completion report

A recommendation in relation to the above case was made for implementation by 12th July 2018. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendation has 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: 30/10/2018

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

FAI Aquaculture Ltd
Ardtoe Marine Research Facility
Ardtoe, Acharacle
Argyll
PH36 4LD

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0439	DATE OF VISIT	31/05/2018
SITE No	FS1065	SITE NAME	FAI Shetland
INSPECTOR	Andrea Warwick	CASE No	20180234

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

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 high. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted annually. 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.

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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 point was raised with the site representative during the inspection:

Documentation on the measures in place to maintain physical containment of the aquaculture animals on the site was not available.

This must be addressed 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.

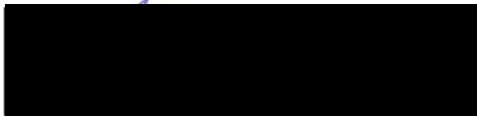
Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory with regards to containment and escapes.

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: 12/06/2018

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

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 [~~delete as appropriate~~]

- The statement or agreement must identify the farm management area to which the agreement or statement applies.
- The statement or agreement must identify the fish farm sites to which the agreement or statement applies.
- The statement or agreement must identifying the date of commencement
- The statement or agreement must identify the date of review (farm management agreements or statements must be reviewed at least every two years).
- In the case of a farm management agreement, arrangements for persons to become, or cease to be, parties to the agreement.

The statement or agreement must include arrangements for;

NB if the FMAg/FMS includes some arrangements on health management, live fish movements or harvesting from our checklist, do not make any further recommendations regarding the missing points and delete these sections. Only include recommendations if health management, live fish movements or harvesting have not been addressed at all [~~delete this paragraph before issuing report~~].

- Fish health management
This may include the minimum health standards for stocks introduced to the area; vaccination requirements of stocks held in the area; the species of fish to be stocked into any farm in the area; the maximum stocking density of any cage on any fish farm in the area and the arrangements for the storage and disposal of any dead fish from the area (examples for guidance).
- The management of parasites⁽²⁾
This must include arrangements for the synchronisation of treatments; the availability of and use of medicines; requirements for sensitivity testing; the sharing of data and information on sea lice numbers and treatments and the use of biological controls and cleaner fish.

R25

- The movements of live fish on and off the farms
This may include the methods and circumstances in which live fish will be introduced to or removed from the area (examples for guidance).
- The harvesting of fish
This may include details of acceptable harvesting practices; whether by live or dead fish removal and details of containment and biosecurity (examples for guidance).
- Fallowing of the farms after harvesting
This must include the dates for fallowing of the area, the earliest date of restocking, identify whether one or more year classes may be stocked onto sites covered by the agreement & identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement.

A copy of this annex has been sent to [insert business name of other signatories to the FMAg] as signatories to the farm management agreement for area [insert area]. [Delete as appropriate - include only for agreements]

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

⁽²⁾ Parasites as defined in The Aquaculture and Fisheries (Scotland) Act 2007 which means *Caligus elongatus* and *Lepeophtherius salmonis*

Case No: 2018-0287 Date of visit: 25/06/2018

Time spent on site: 1 hour Main Inspector: AJW

Site No: FS0052 Site Name: College Mill
Business No: FB0043 Business Name: College Mill Trout Farm

Case Types: 1 OTH 2 3 4 5 6

Water Temp (°C): Thermometer No: FHI 045 completed

Observations: Region: TA Water type: F CoGP MA:

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:

Visit to site to see progress and discuss restocking .

Met with [REDACTED] - Land agent. Council minutes state the fallow period will "from the closure date until the farm has received the authorisation to reopen from SEPA and Marine Scotland". I explained the authorisation for the site has never been withdrawn and the site can be restocked when the keeper of the fish can provide evidence that adequate defences are in place to ensure containment.

Issues on site remain with surface of back channel, fence to contain fish at time of flooding, levels of inflow pipes to provide oxygen to the back channel and ability to drain upper level ponds. Site has requested a visit from FHI prior to restocking.

