

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: 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:

Eye fluke in big pond, didn't cause huge problems but some deformities noted by staff - emptied and lined but still some snails noticed by late summer - 5-10 fluke in eyes - possibility of redesigning one big pond (18ft deep) into 6 smaller, shallower ponds
Other ponds are emptied and lined several times a year
Very dry, cold spring, then quick rise in temp end April, early May - water volume low

Pond 2 - furunculosis - treated florfenicol end May, had been vaccinated. Incident coincided with low water flow on site.
Kinnaird mill stock ~30k culled for deformities in August 19

A few RTFS peaks - floricol feed prescriptions - March, 6th and 23rd May, and last treatment in Oct 19 in raceway 8,9,10 - mortality in these raceways was 1% in September and then 2% in October due to rfs, following treatment - mortality in these raceways down to 0.07%

Water temperature 2.8 degrees C

Movement records are kept in spreadsheets - will be emailed in for checking and filing asap.

Movement records sent in 17/12/19, movements mostly to fisheries, reminded to add FS site number to farm sites - everything else ok.

Case No: **2019-0692** Site No: **FS0606**
 Date of Visit: **21/11/2019** 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	40		Facilities stocked	28		No facilities inspected	40	
Species	RTR	RTR	RTR	TRO	TRO			
Age group	2018	2019	2019	2019	2019			
No Fish	243,493	247,085	158,931	23,000	1,000			
Mean Fish Wt	170g	30g	700g	400g	800g			
Next Fallow Date (Site)	N/A			Next Input Date (Site)	TRO due early Dec 2019			

Recent (last 4 wks) disease problems? **Y** Any escapes (since last visit)? **N**
 If yes, detail: **rfs - rw, 8,9,10 - 1% in Sept, 2% in Oct down to 0.07% for Nov so far**

Movement Records

1. Movement records available for inspection? **Y**
 2. Date of last inspection: **06/12/2019**
 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)? **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? **Ensiled - on site**
 If other detail: **[redacted]**
 3. Mortality records complete and correctly entered? **Y**
 4. Recent mortality (last 4 wks): **5-20/pond/week**
 5. Evidence of recent increased/atypical mortalities? **N**
 If yes, facility nos/no mortality per facility/no stock per facility/reason: **[redacted]**
 6. Any other peaks in mortality during period checked? **Y**
 If yes, detail: **rfs in May, culls in August - see additional information**
 7. Have increased (unexplained) mortalities been reported to vet or FHI? **N/A**
 If yes, detail action: **[redacted]**
 8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet. **N/A**

1. Recent treatments (last 4 wks)?	<input type="checkbox"/>	N
If yes, detail:	<input type="text"/>	
If other, detail:	<input type="text"/>	
2. Medicines records available for inspection?	<input type="checkbox"/>	Y
3. Are records complete and correctly entered?	<input type="checkbox"/>	Y
4. Are fish in a withdrawal period?	<input type="checkbox"/>	Y
5. If yes, what treatment(s)?	Florfenicol	
If other, detail:	Raceway, 8,9,10	
6. Are medicines stored appropriately?	<input type="checkbox"/>	Y
Biosecurity Records		
1. Biosecurity records available for inspection?	<input type="checkbox"/>	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	<input type="checkbox"/>	
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"/>	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and how and when that will be notified to Scottish Ministers?	<input type="checkbox"/>	
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"/>	
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"/>	
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	<input type="checkbox"/>	
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>	
If no, detail:	<input type="text"/>	
Results of Surveillance		
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	<input type="checkbox"/>	
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).	<input type="text"/>	
<input type="text"/>		
Records checked between:	Dec 2018 - Nov 2019	

Case no: Site No: Date of visit/
Sampling:

Priority samples: VI BA PA MG HI

Time sampling starts/ends: Inspector: VMD No.

Environmental conditions: 1 2 3 4 5

Summary samples HIST BA MG VI PA Total Samples

Add Fish/Pools - click

Pool/Fish No													
Fish nos	1												
Pool Group													
Species	RTR												
Average weight	200g												
Sex	N/A												
Water Type	FW												
Stock Details		Browell - Yorkshire											
	Stock Origin												
Facility No	P7												

[REDACTED]
Cloan Hatcheries Ltd
Haugh Road
Ratray Blairgowrie
Perthshire
PH10 7HG
[REDACTED]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0001	DATE OF VISIT	21/11/2019
SITE No	FS0606	SITE NAME	Westmill Fish Farm
INSPECTOR	[REDACTED]	CASE No	20190692

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

The above site was visited in accordance with the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 2015.

Samples were taken to be analysed for veterinary residues.

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

Medicine records were inspected and found to be adequately maintained.

Mortality records were inspected and found to be adequately maintained.

A sample of aquaculture animal and aquaculture animal product movement records were inspected and appeared to be adequately maintained; **however** due to records being kept electronically these were not fully inspected or collected during the visit and it was agreed the necessary information would be emailed to the FHI asap.

Movement records for the period December 2018 to the date of inspection have not yet been received and should be sent to the Fish Health Inspectorate (contact details below) by the 10th January 2020.

R20

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



Signed:

Date: 03/12/19

Senior 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

R20

Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Tel - 0131 244 3498 Fax - 0131 244 0944 Email - ms.fishhealth@gov.scot
Website - www.gov.scot/Topics/marine/science

██████████
Cloan Hatcheries Ltd
Haugh Road
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PH10 7HG
██████████

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0001	DATE OF VISIT	21/11/2019
SITE No	FS0606	SITE NAME	Westmill Fish Farm
INSPECTOR	██████████	CASE No	20190692

Case completion report

Documentation in relation to the above case was required to be sent to Marine Scotland by 10/01/20. Following submission of the required documentation, 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: ██████████

Senior Fish Health Inspector

Date: 23/12/2019

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:	<input type="text" value="2019-0694"/>	Date of visit:	<input type="text" value="13/11/2019"/>			
Time spent on site:	<input type="text" value="1.5 hrs"/>	Main Inspector:	<input type="text" value=""/>			
Site No:	<input type="text" value="SS0548"/>	Site Name:	<input type="text" value="Lamb Holm"/>			
Business No:	<input type="text" value="SB0553"/>	Business Name:	<input type="text" value="Orkney Shellfish Hatchery (OSH) Ltd"/>			
Case Types:	1 <input type="text" value="STS"/>	2 <input type="text" value=""/>	3 <input type="text" value=""/>	4 <input type="text" value=""/>	5 <input type="text" value=""/>	6 <input type="text" value=""/>
Water Temp (°C):	<input type="text" value="10"/>	Thermometer No:	<input type="text" value="Site"/>	FHI 045 completed	<input type="text" value="N/A"/>	
Observations:	Region:	OR	Water type:	S	CoGP MA	
Dead/weak/abnormally behaving fish present?	<input type="text" value="N"/>	If yes, see additional information/clinical score sheet.				
Clinical signs of disease observed?	<input type="text" value="N"/>	If yes, see additional information/clinical score sheet.				
Gross pathology observed?	<input type="text" value="N"/>	If yes, see additional information/clinical score sheet.				
Diagnostic samples taken?	<input type="text" value="Y"/>					

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

Additional Case Information:

12/08/2019 - 6 morts went back to lochnell.

120 adult/brood shells taken from original batch with a further 30 adults taken from new stock. 10 juveniles also taken but unsure if they are too small to sample. Mainly only male broods and non-spawning females that have died. No gaping shells spotted during inspection. Water temperature taken from site thermometer for biosecurity reasons.

Case No: **2019-0694** Site No: **SS0548**
 Date of Visit: **13/11/2019** 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	21	Facilities stocked	9	No facilities inspected	21
Species	OED	OED	OED		
Age group	Brood	Adult	Juv.		
No Fish	182	20	65		
Mean Fish Wt	0.1				
Next Fallow Date (Site)	asap		Next Input Date (Site)	unknown	

Recent (last 4 wks) disease problems? **Y** Any escapes (since last visit)? **N**
 If yes, detail: **Morts have slightly increased. Were sourced from site just confirmed positive for Bonamia ostreae**

Movement Records

1. Movement records available for inspection? **Y**
 2. Date of last inspection: **30/07/2019**
 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)? **[redacted]**
 If yes, is there a system in place for maintenance of transportation records? **[redacted]**

Mortality Records

1. Mortality records available for inspection? **Y**
 2. How are mortalities disposed of? **Other (detail)**
 If other detail: **Currently being frozen. Still to decide how to dispose of them**
 3. Mortality records complete and correctly entered? **Y**
 4. Recent mortality (last 4 wks): **22 morts (7.6%) from 30/06/19 - 13/11/19.**
 5. Evidence of recent increased/atypical mortalities? **Y**
 If yes, facility nos/no mortality per facility/no stock per facility/reason:
No specific tray number. Mainly male broods or non-spawning adult females
 6. Any other peaks in mortality during period checked? **N**
 If yes, detail: **[redacted]**
 7. Have increased (unexplained) mortalities been reported to vet or FHI? **N/A**
 If yes, detail action: **[redacted]**
 8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet. **N/A**

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?	
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 <i>increased (unexplained)</i> 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 <i>how</i> and <i>when</i> 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?		N
2. If yes, are results available for inspection?		
3. Any significant results?		
If yes, detail (if not detailed under recent disease problems).		

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Records checked between: 30/07/2019 - 13/11/2019

Case no: Site No: Date of visit/
 Sampling:

Priority samples: VI BA PA MG HI

Time sampling starts/ends: Inspector: VMD No.

Environmental conditions: 1 2 3 4 5

Summary samples HIST BA MG VI PA Total Samples

Add Fish/Pools - click

Pool/Fish No	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12
Fish nos	1	2	3	4	5	6	7	8	9	10	11	12
Pool Group												
Species	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED
Average weight												
Sex	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Water Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Stock Origin	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters
Facility No												

11/2019 Additional Sample Information:
 Oysters sampled at lab

150 Total Tests assigned 3

F13	F14	F15	F16	F17	F18	F19	F20	F21	F22	F23	F24	F25	F26	F27	F28
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
OED	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters	Lochnell Oysters

Orkney Shellfish Hatchery (OSH) Ltd
The Lobster Ponds
Lamb Holm
Orkney
KW17 2SF

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	SB0553	DATE OF VISIT	13/11/2019
SITE No	SS0548	SITE NAME	Lamb Holm
INSPECTOR		CASE No	20190694

Statutory test

The above site was inspected and 150 samples collected to be screened for the presence of *Bonamia ostreae*. The site was placed under suspicion for the presence of *Bonamia ostreae* as it had received native oysters (*Ostrea edulis*) from a site which had just been confirmed as positive for *Bonamia ostreae*.

All epidemiological units were inspected. No clinical signs associated with *Bonamia ostreae* were observed.

Samples

A total of 150 native oysters were collected and tested for the presence of *Bonamia ostreae*.

Results

Molecular genetics: Tissue samples were tested for segments of DNA indicative of the presence of the pathogens specified below using real-time PCR (QPCR).

Bonamia spp.

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F30	11.87	31.53	31.20	31.20	Positive
F77	14.72	21.85	21.94	21.95	Positive
F78	13.64	32.13	31.83	31.89	Positive
F127	12.85	21.70	21.43	21.48	Positive
F141	14.12	27.53	27.64	27.30	Positive
F148	15.20	28.52	28.41	28.40	Positive

R16

The results of this test for all other shellfish were negative. However, shellfish 81 and 82 displayed Cp values higher than the other negative samples and so were included in the histopathological examination.

F77 and F127 was subsequently sent for sequencing and confirmed to be the notifiable pathogen *Bonamia ostreae*.

Histology: Tissue samples of gill, mantle and digestive gland were taken from F1 - 150. The tissue samples were fixed in Davidson's fixative.

Histopathological examination revealed the following:

F30, F77, F78, F81, F82, F141 & F148 - No *Bonamia* observed.

F127 – Presence of microcells consistent with *Bonamia* spp.

All remaining histology samples from shellfish classed negative for *Bonamia* spp. were not read.

Appraisal

The presence of *Bonamia ostreae* was confirmed at the site.

The movement restrictions placed on the site will remain in force. You must continue to apply for permission to move live or dead shellfish onto or off the site. Please submit applications at least five working days prior to the movement.

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: 17/12/2019

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: 2019-0695 Date of visit: 12/11/2019

Time spent on site: 2 hours Main Inspector:

Site No: FS0189 Site Name: Ae Fishery

Business No: FB0336 Business Name: Brow Well Fisheries Ltd

Case Types: 1 ECI 2 CNI 3 VMD 4 5 6

Water Temp (°C): 5.9 Thermometer No: T274 FHI 045 completed

Observations: Region: DG Water type: F 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:

No treatments since 2015.

Additional stocks - Brook trout - 2019 - 900 @ 10g. Brown trout 2018 - 914 @ 260g. 2019 - 6268 fish @ 15g.

Updated 18/11/19 [REDACTED] - movement records checked fully on return to laboratory. Majority of records completed with sufficient information, but a few required clarification as difficult to identify the farm/fishery.

Case No: **2019-0695** Site No: **FS0189**
 Date of Visit: **12/11/2019** Inspector(s): **[REDACTED]**

Registration/Authorisation Details

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

Site Details

Total No facilities	25		Facilities stocked	18		No facilities inspected	25	
Species	RTR	RTR	RTR	RTR	TTR	TTR	TTR	BCH
Age group	2016	2017	2018	2019	2017	2018	2019	2018
No Fish	1,051	3,663	28,603	8,011	1,307	1,960	700	285
Mean Fish Wt	2kg	1kg	333g	75g	1.182kg	257g	10g	380g
Next Fallow Date (Site)	No plans			Next Input Date (Site)	Mid december			

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

Movement Records

- 1. Movement records available for inspection? **Y**
- 2. Date of last inspection: **22/11/2017**
- 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? **N/A**

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? **Other (detail)**
- If other detail: **Incinerated in Dumfries**
- 3. Mortality records complete and correctly entered? **Y**
- 4. Recent mortality (last 4 wks): **0-110/pond/14 days (0-16/p/d)**
- 5. Evidence of recent increased/atypical mortalities? **N**
- If yes, facility nos/no mortality per facility/no stock per facility/reason: **[REDACTED]**
- 6. Any other peaks in mortality during period checked? **N**
- If yes, detail: **[REDACTED]**
- 7. Have increased (unexplained) mortalities been reported to vet or FHI? **N/A**
- If yes, detail action: **[REDACTED]**
- 8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet. **N/A**

1. Recent treatments (last 4 wks)?	<input type="checkbox"/>	N
If yes, detail:	<input type="text"/>	
If other, detail:	<input type="text"/>	
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
5. If yes, what treatment(s)?	<input type="text"/>	
If other, detail:	<input type="text"/>	
6. Are medicines stored appropriately?	<input type="checkbox"/>	N/A

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"/>	Y
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>	Y
If no, detail:	<input type="text"/>	

Results of Surveillance

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	<input type="checkbox"/>	N
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).	<input type="text"/>	
<input type="text"/>		

Records checked between:

Case no: Site No: Date of visit/
 Sampling:

Priority samples: VI BA PA MG HI

Time sampling starts/ends: Inspector: VMD No.

Environmental conditions: 1 2 3 4 5

Summary samples HIST BA MG VI PA Total Samples

Add Fish/Pools - click

Pool/Fish No													
Fish nos	1												
Pool Group													
Species	RTR												
Average weight	0.1600												
Sex	N/A												
Water Type	FW												
Stock Origin	Hebden (Northern Trout)												
Facility No	C3												

Case Number:	2019-0695	Site No:	FS0189	Insp:	
Date of Visit	12/11/2019	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
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26
	Number of suppliers	0	5	10	14
Movements off	Frequency of movements off	0	3	6	10
	Number of destinations	0	3	6	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			
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4	1
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6	
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8	
Management practices		None	Secure	Unsecure	
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2	0
On farm processing within the rules of the directive	No on farm processing	0			0
	Processing own fish (re-cycling risk)	1			
	Processing fish from MS of equivalent status	2			
	Processing fish from zone or compartment of equivalent status	4			
	Processing fish from Category III farm	8			
	Processing fish from Category V farm	10			
Disposal of fish and fish by-products	Site's own waste only processed.	0			0
	Common processes with other farms	3			
	Collection point for waste from other farms	5			
Use of unpasteurised feeds	No feeding of unpasteurised feed	0			0
	Feeding unpasteurised feed	5			
Biosecurity	Number of sites	1	2 or 3	≥ 4	
Contacts with other sites	Sites operating from single shorebase	0	1	2	0
	Sites sharing staff and equipment	0	1	2	1
Disinfection of equipment between sites, use of footbaths etc	Yes	0			0
	No	1			
CoGP/Regulator					
Practices in accordance with regulator or industry code of practice	Yes	0			0
	No	3			
Platform access to cages	Yes	0			0
	No	2			
Total Rank					22 MEDIUM

Case No: **2019-0695**

Site No: **FS0189**

Sea Lice Inspection (Seawater Sites Only)

1. Has the site experienced sea lice problems in the previous 4 years?
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)
8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments been administered or other actions taken when *L. salmonis* levels have exceeded the suggested criteria for treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)
11. Has any other action been taken (where applicable)?
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
13. Are treatments, where conducted, carried out in cooperation between participating farms?
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

Containment Inspection

1. Has the site experienced equipment damage due to predators in the current or previous production cycles? N
2. Are measures in place to mitigate against the predation experienced on site? (Detail below) Y

If other, detail below:

Electric fence, nets overhead

3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? N
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) Y

[REDACTED]
Brow Well Fisheries Ltd
Ae Fishery
Parkgate
Dumfries
DG1 3LY
[REDACTED]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0336	DATE OF VISIT	12/11/2019
SITE No	FS0189	SITE NAME	Ae Fishery
INSPECTOR	[REDACTED]	CASE No	20190695

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.

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.

R04

No mortality levels exceeding the reporting criteria have been recorded since the last inspection.

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 inspected and found to be adequately maintained and implemented.

No points were raised with the site representative during the inspection, however following return to the laboratory the movement records were checked in more detail. While the majority of movements contained sufficient information there were a few which required clarification. In future, if no registration number is available for the site of destination/source please include sufficient information to enable the farm or fishery location to be identified.

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed:



Date: 19/11/2019

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

Case No: 2019-0696 Date of visit: 12/11/2019

Time spent on site: 2 hours Main Inspector:

Site No: FS0822 Site Name: Hoghill Fish Farm
Business No: FB0551 Business Name: Hoghill Trout Farm Ltd

Case Types: 1 VMD 2 3 4 5 6

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

Observations: Region: DG Water type: F 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:

FS number not recorded in source/destination of movement book.

25 of September 2019 - aquatet - 7 day course

8th of July 2019 - 7 day course of aquatet.

Prescriptions not held on site. Site manager had been advised by his vet that he did not require perscriptions for the antibiotics he was using. This issue has been passed onto VMD for follow up with the site manager and the vets in question.

Treatment records not properly kept - name of medicine, pen number, and date is only information recorded.

movement records for mortality not kept, fish are used for fox bait, FHI to follow up with local environmental authority.

mortality rates very low. Occasionally fungus fish removed - adult males at end of their live cycle dying naturally.

Fish sampled for VMD appeared healthy internally and externally.

Case No: 2019-0696

Site No: FS0822

Date of Visit: 12/11/2019

Inspector(s):

Registration/Authorisation Details

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

Site Details

Total No facilities	9		Facilities stocked	8		No facilities inspected	9	
Species	RTR	RTR	RTR	RTR	RTR			
Age group	2019	2018	2019	2019	2019			
No Fish	4,700	3kg	500g	150g	5,000			
Mean Fish Wt	800g	500	3000	4000	60g			
Next Fallow Date (Site)	Does not fallow			Next Input Date (Site)	Early 2020			

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

Movement Records

- 1. Movement records available for inspection? Y
- 2. Date of last inspection: 15/01/2018
- 3. Are records complete and correctly entered? N
- 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? Y
- 2. How are mortalities disposed of? Other (detail)
- If other detail: Put into a hole in the ground, for fox hunting.
- 3. Mortality records complete and correctly entered? Y
- 4. Recent mortality (last 4 wks): 38 - morts last 4 weeks
- 5. Evidence of recent increased/atypical mortalities? N
- If yes, facility nos/no mortality per facility/no stock per facility/reason:
- 6. Any other peaks in mortality during period checked? N
- 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

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

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 <i>increased (unexplained)</i> 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 <i>how</i> and <i>when</i> 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:	15/01/2018 - 12/11/2019
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Case no: Site No: Date of visit/
 Sampling:

Priority samples: VI BA PA MG HI

Time sampling starts/ends: Inspector: VMD No.

Environmental conditions: 1 2 3 4 5

Summary samples HIST BA MG VI PA Total Samples

Add Fish/Pools - click

Pool/Fish No	F1											
Fish nos												
Pool Group												
Species	RTR											
Average weight	900g											
Sex	N/A											
Water Type	FW											
Stock Origin	Ireland											
Facility No	9											

Site No: FS0822

Case No: 2019-0696

Nature of non-compliance:

Action taken (FHI):

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

[REDACTED]
Hoghill Trout Farm Ltd
Aswing
Buccleuch Square
Langholm Dumfries-shire
DG13 0AW
[REDACTED]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0551	DATE OF VISIT	12/11/2019
SITE No	FS0822	SITE NAME	Hoghill Fish Farm
INSPECTOR	[REDACTED]	CASE No	20190696

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

The above site was visited in accordance with the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 2015.

Samples were taken to be analysed for veterinary residues.

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

Medicine records were inspected and found to be inadequately maintained.

Aquaculture animal and aquaculture animal product movement records were inspected and found to be inadequately maintained.

Mortality records were inspected and found to be inadequately maintained.

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

Treatment records did not contain all of the relevant information required. The information required to be kept is as follows:

- Name of the product

R20

- Date of Administration
- Quantity of product administered.
- Withdrawal period of product
- Identification of animals being treated (e.g. pond number)
- Prescription issued by Vet for specific treatment.

This information should be maintained and kept available for inspection. Records must be kept for a minimum of 5 years after the treatment was administered.

FS numbers were not recorded in the source/destination section of the movement records. This was amended at the time of inspection and it was agreed with site manager that this would be recorded in the future.

Mortality records from 2018 were not available for inspection. FHI were informed that the site diary containing records from 2018 had been lost. As part of the Aquatic Animal Health (Scotland) Regulations 2009, detailed in your authorisation to operate an Aquaculture production business (part 6 (i))

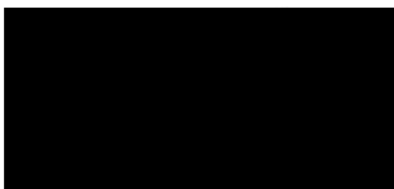
“The number of any aquaculture animals that have died in each epidemiological unit, at each farm site, this record must include information on the number of mortalities removed, the date of removal and the identification of the epidemiological unit that the mortalities were removed from”

These records must be retained for a minimum of 4 years. Please see attached copy of your authorisation for more detail.

These points must be addressed to ensure the conditions of authorisation for your Aquaculture Production Business (APB) are being met.

In addition to the above points, the absence of written prescriptions and treatment records and the site mixing medicated feed without approval were reported to the Veterinary Medicines Directorate for further investigation.

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: 11/12/2019

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

R20

Case No: 2019-0697 Date of visit: 12/11/2019

Time spent on site: 3 hours Main Inspector:

Site No: SS0759 Site Name: Fearna
Business No: SB0530 Business Name: Loch Striven Mussel Farms Ltd

Case Types: 1 MOV 2 3 4 5 6

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

Observations: Region: ST Water type: S CoGP MA

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:

Medium fouling in bags - a few star fish and lots of sea squirts - no additional species observed.

16 bags inspected and no issues found. Health certificate intra.gb.2019.0032344 MD19/147 issued to driver of lorry.

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="30"/>	Facilities stocked	<input type="text" value="6"/>	No facilities inspected	<input type="text" value="0"/>
Species	<input type="text" value="MED"/>				
Age group	<input type="text" value="2018"/>				
No Fish	<input type="text" value="60.8 tones"/>				
Mean Fish Wt	<input type="text" value="30g"/>				
Next Fallow Date (Site)	<input type="text" value="December 2019"/>	Next Input Date (Site)	<input type="text" value="natural spat fall"/>		

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)?	
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 <i>increased (unexplained)</i> 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 <i>how</i> and <i>when</i> 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?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	

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Records checked between: 01/11/2019-12/11/2019

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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

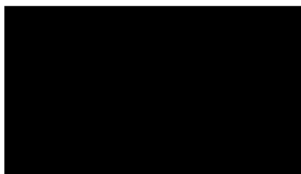
BUSINESS No	SB0530	DATE OF VISIT	12/11/2019
SITE No	SS0759	SITE NAME	Fearna
INSPECTOR		CASE No	20190697

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 mussel spat 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:



Fish Health Inspector

Date: 19/11/2019

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: 2019-0698 Date of visit: 13/11/2019

Time spent on site: 3 hours Main Inspector:

Site No: SS0759 Site Name: Fearna
Business No: SB0530 Business Name: Loch Striven Mussel Farms Ltd

Case Types: 1 MOV 2 3 4 5 6

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

Observations: Region: ST Water type: S CoGP MA

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:

light fouling in bags - a few star fish and a few sea squirts.

all bags inspected before export - no issues found during inspection of 14 bags. Health certificate issued - detailed as intra.GB.2019.0032345 and MD19/148.

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="30"/>	Facilities stocked	<input type="text" value="5"/>	No facilities inspected	<input type="text" value="0"/>
Species	<input type="text" value="MED"/>				
Age group	<input type="text" value="2018"/>				
No Fish	<input type="text" value="44 tones"/>				
Mean Fish Wt	<input type="text" value="30g"/>				
Next Fallow Date (Site)	<input type="text" value="December 2019"/>	Next Input Date (Site)	<input type="text" value="natural spat fall 2020"/>		

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)?	
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 <i>increased (unexplained)</i> 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 <i>how</i> and <i>when</i> 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?	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: 12/11/2019-13/11/2019

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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

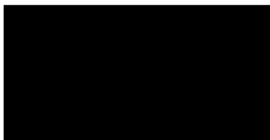
BUSINESS No	SB0530	DATE OF VISIT	13/11/2019
SITE No	SS0759	SITE NAME	Fearna
INSPECTOR		CASE No	20190698

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 mussel spat 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:



Date: 19/11/2019

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

Case No: 2019-0699 Date of visit: 14/11/2019

Time spent on site: 3 hours Main Inspector:

Site No: SS0759 Site Name: Fearna
Business No: SB0530 Business Name: Loch Striven Mussel Farms Ltd

Case Types: 1 MOV 2 3 4 5 6

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

Observations: Region: ST Water type: S CoGP MA

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:

Light fouling of the mussels in bags, a few sea squirts. No other species observed.

18 bags were inspected with no issues raised. Certificate noted as Intra.GB.2019/0023246 MD19/149 was issued to transport driver.

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="30"/>	Facilities stocked	<input type="text" value="3"/>	No facilities inspected	<input type="text" value="0"/>
Species	<input type="text" value="MED"/>				
Age group	<input type="text" value="2018"/>				
No Fish	<input type="text" value="22"/>				
Mean Fish Wt	<input type="text" value="30g"/>				
Next Fallow Date (Site)	<input type="text" value="December 2019"/>	Next Input Date (Site)	<input type="text" value="natural spat fall 2020"/>		

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)?	
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 <i>increased (unexplained)</i> 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 <i>how</i> and <i>when</i> 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?		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: 13/11/2019-14/11/2019

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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

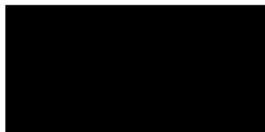
BUSINESS No	SB0530	DATE OF VISIT	14/11/2019
SITE No	SS0759	SITE NAME	Fearna
INSPECTOR		CASE No	20190699

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 mussel spat 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:



Fish Health Inspector

Date: 19/11/2019

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: 2019-0700 Date of visit: 21/11/2019

Time spent on site: 5 Hours Main Inspector:

Site No: FS1056 Site Name: Strone Point
Business No: FB0169 Business Name: The Scottish Salmon Company

Case Types: 1 REP 2 DIA 3 4 5 6

Water Temp (°C): 10.5 Thermometer No: Site FHI 045 completed Y

Observations: Region: ST Water type: S CoGP MA M-45

Dead/weak/abnormally behaving fish present? Y If yes, see additional information/clinical score sheet.
Clinical signs of disease observed? Y If yes, see additional information/clinical score sheet.
Gross pathology observed? Y If yes, see additional information/clinical score sheet.
Diagnostic samples taken? Y

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

Additional Case Information:

MS inspection following mortality reports on site.

All sites within the area will be follow by October 2020

WK43 1.68% ((11,020) WK46 - 7.57% (48,051)

2 different stock types on site - Landcatch and Russel Burn on stock on site - cages 8,9,10 worst affected.

Slice treatment 07/10/2019 - 24/07/2019

Freshwater treatment taking place while on site, water used is brackish to prevent cleaner fish deaths.

Health tests have shown positive results for AGD with low ct scores.

Mortality this week appears to have returned to normal levels.

There was an anomaly on Tuesday the 12th at 5am. There may have been an issue with the data logger, however the O2 level dropped from 7.6 - ~6 and temperature increased from 10 to 11. This coincided with increased mortality.

cleaner fish mortality - very low the last four week, between 200-400 pw no other peaks in mortality. Wrasse are currently graded out for freshwater treatment. If they cant be graded, then brackish water treatments are conducted to help survival rates.

At end of cycle wrasse are either put back around site or redistributed if there enough.

Fish were very high in the water, there were several lethargic and moribund fish, some with small lesions, however the number of fish seen was not excessive.

Case No: **2019-0700** Site No: **FS1056**
 Date of Visit: **21/11/2019** 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	14	Facilities stocked	10	No facilities inspected	10
Species	SAL	WRA			
Age group	19 S1	MIX			
No Fish	585,748	31,088			
Mean Fish Wt	1.5 Kg	100 g			
Next Fallow Date (Site)	Oct 2020		Next Input Date (Site)	Spring 2021	

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

Movement Records

1. Movement records available for inspection? **Y**
 2. Date of last inspection: **25/06/2019**
 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)? **[REDACTED]**
 If yes, is there a system in place for maintenance of transportation records? **[REDACTED]**

Mortality Records

1. Mortality records available for inspection? **Y**
 2. How are mortalities disposed of? **Whole fish - Dundas Chemicals**
 If other detail: **[REDACTED]**
 3. Mortality records complete and correctly entered? **Y**
 4. Recent mortality (last 4 wks): **WK 43 1.68% (11,020) WK44 0.7% (4480) WK 45 0.77% (4907) WK 46 7.7% (48,051)**
 5. Evidence of recent increased/atypical mortalities? **Y**
 If yes, facility nos/no mortality per facility/no stock per facility/reason:
pens 8,9,10 worst affected by gill health.
 6. Any other peaks in mortality during period checked? **N**
 If yes, detail: **[REDACTED]**
 7. Have increased (unexplained) mortalities been reported to vet or FHI? **N/A**
 If yes, detail action: **[REDACTED]**
 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)?	<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
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"/>
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	<input type="checkbox"/>
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"/>
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"/>
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"/>
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"/>
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	<input type="checkbox"/>
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>
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).	AGD	

Records checked between: 25/06/2019 - 21/11/2019

Case no: Site No: Date of visit/
Sampling:

Priority samples: VI BA PA MG HI

Time sampling starts/ends: Inspector: VMD No.

Environmental conditions: 1 2 3 4 5

Summary samples HIST BA MG VI PA Total Samples

Add Fish/Pools - click

	Pool/Fish No	F1	F2	F3	F4	F5	P1						
	Fish nos	1	2	3	4	5	1-5						
	Pool Group	P1	P1	P1	P1	P1							
Stock Details	Species	SAL	SAL	SAL	SAL	SAL	SAL						
	Average weight	1.5 Kg	1.5 Kg	1.5 Kg	1.5 Kg	1.5 Kg	1.5 Kg						
	Sex	N/A	N/A	N/A	N/A	N/A	N/A						
	Water Type	SW	SW	SW	SW	SW	SW						
	Stock Origin	Landcatch Ormsary	Landcatch Ormsary	Landcatch Ormsary	Landcatch Ormsary	Landcatch Ormsary							
	Facility No	8	8	8	9	9							

Case no: 2019-0700

Site No: FS1056

Method of killing: Percussive

Date of visit: 21/11/2019

Inspector(s):

Sheet Relevant: Y

S for strong presence: M for medium presence: W for weak presence

Fish Number		F1	F2	F3	F4	F5						
Time sampled after death (if > 45 minutes)												
External Signs												
Behaviour	Moribund	M	M	M	M	M						
	Lethargic	M	M	M	M	M						
	Hanging vertical											
	Spiralling											
	Flashing											
	Loss of equilibrium											
Body	Dark											
	Distended abdomen											
	Anorexic											
	Scale Oedema											
Opercula	Shortened											
	Flared											
Haemorrhaging	Throat											
	Ventrum											
	Base of fins											
	Elsewhere											
Eyes	Exophthalmic					M						
	Enophthalmic (sunken)											
	Cataract											
	Haemorrhagic											
Gills	Pale				M							
	Zoned		M	M	M	W						
	Necrotic											
Lesions	Flank	M	M									
	Elsewhere											
Vent	Inflamed											
	Trailing faeces											
Lice Load	Estimate numbers											
Internal Signs												
Ascites	Clear				M							
	Bloody											
Oedema	In tissues											
Heart	Pale/anaemic											
	Granulomas											
	Deformed											
Liver	Petechial haem											
	Gross haem											
	Tissue breakdown											
	Enlarged											
	Colour number(s)											
	Granulomas											
	Lesions											
Pyloric caeca	Petechial haem											
	Tubules mauve											
	Lack of fat											
Spleen	Enlarged											
	Granulomas			M								
Gut	No food present											
	Yellow pseudo-faeces			S	S							
	External haem											
	Internal haem											
Body wall	Haemorrhaging											
Swim bladder	Haemorrhaging											
	Fluid filled											
Kidney	Swollen											
	Grey											
	Granular											
	Liquefied											
General	Parasites present											
	Anaemia											

Additional comments:

F3 and F4 adhesions on the PC to the body cavity. F3 liver adhesion to PC.

Site No: FS1056

Case No: 2019-0700

Nature of non-compliance:

Action taken (FHI):

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





Note - attachments file must be saved to ARC folder as PDF with correct name format e.g. 2012-0123-attach or 2012-0123-attach2 etc.



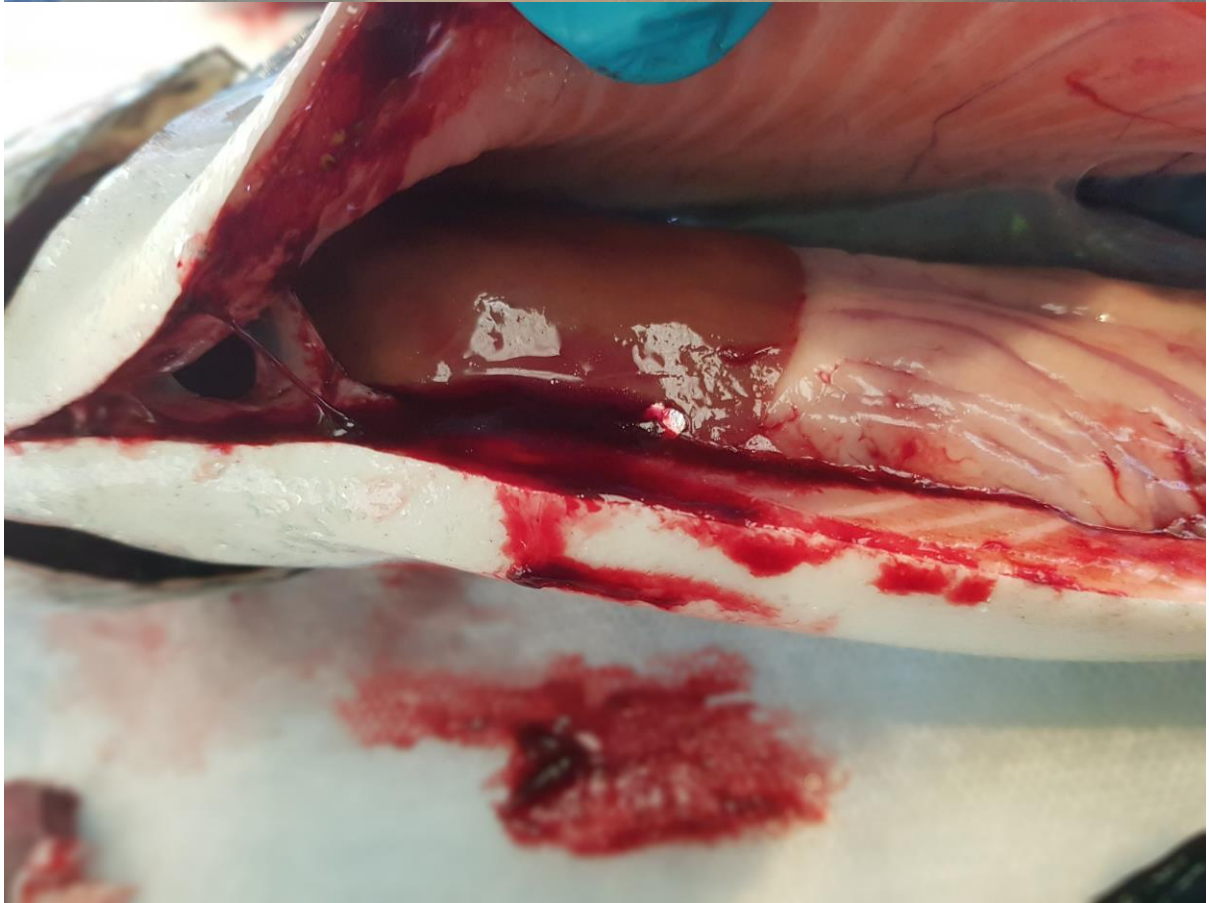
Fish 1

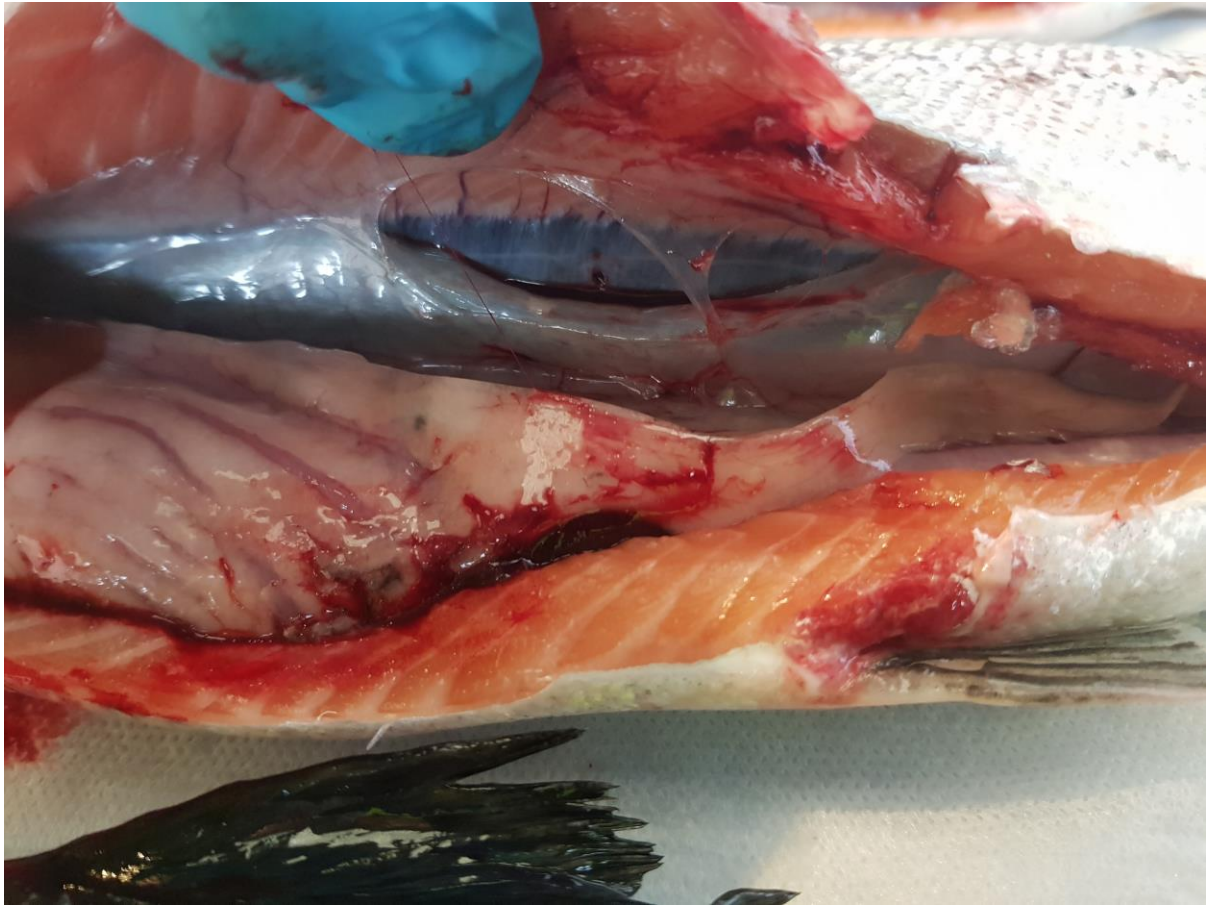




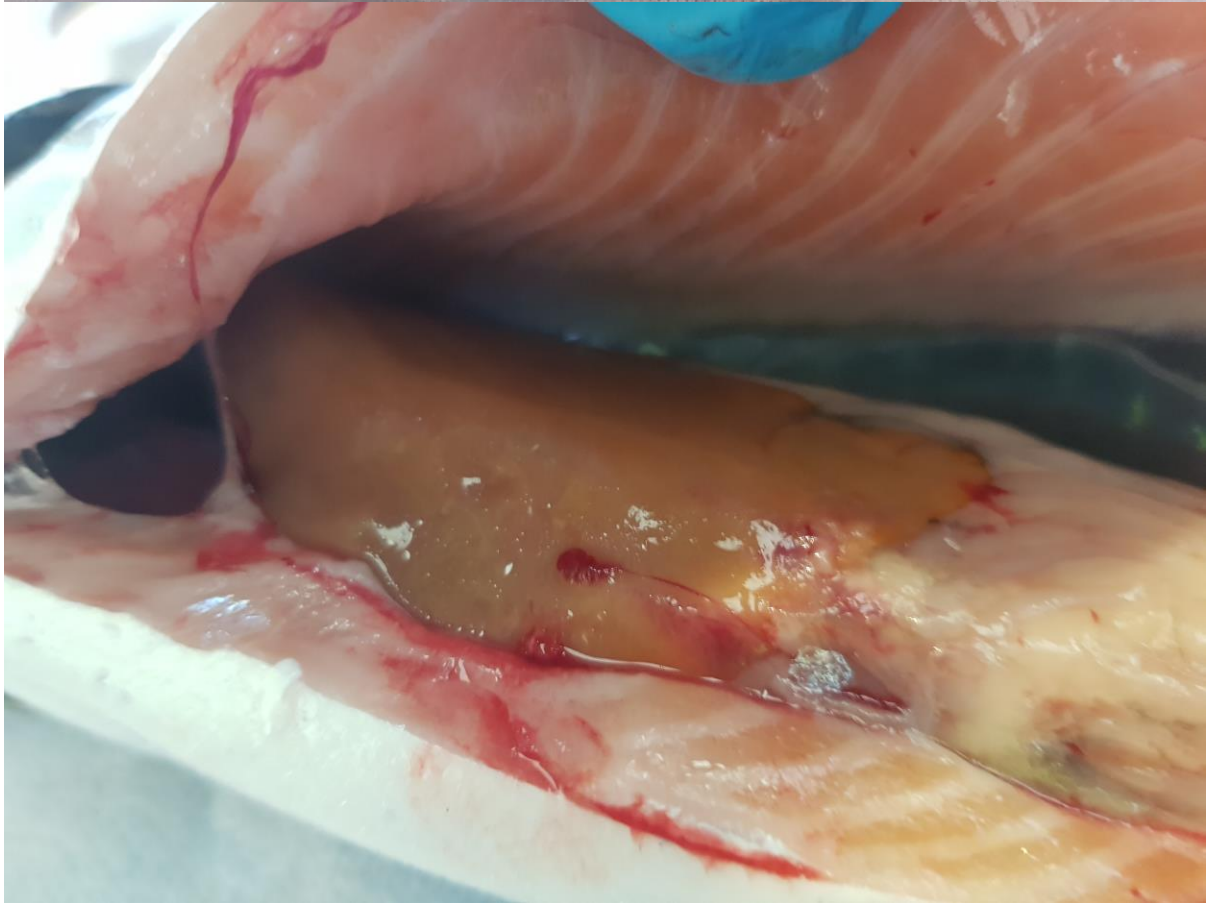
Fish 2

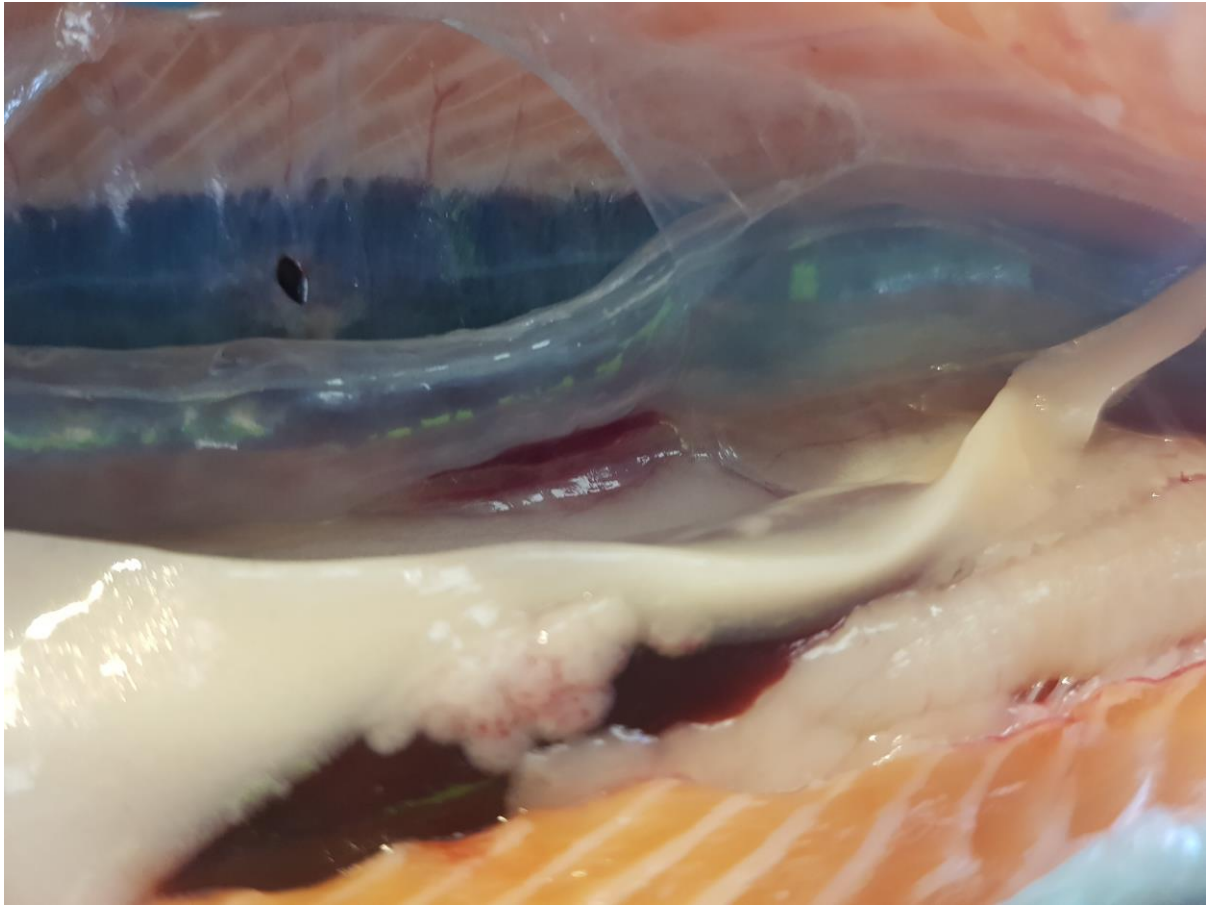






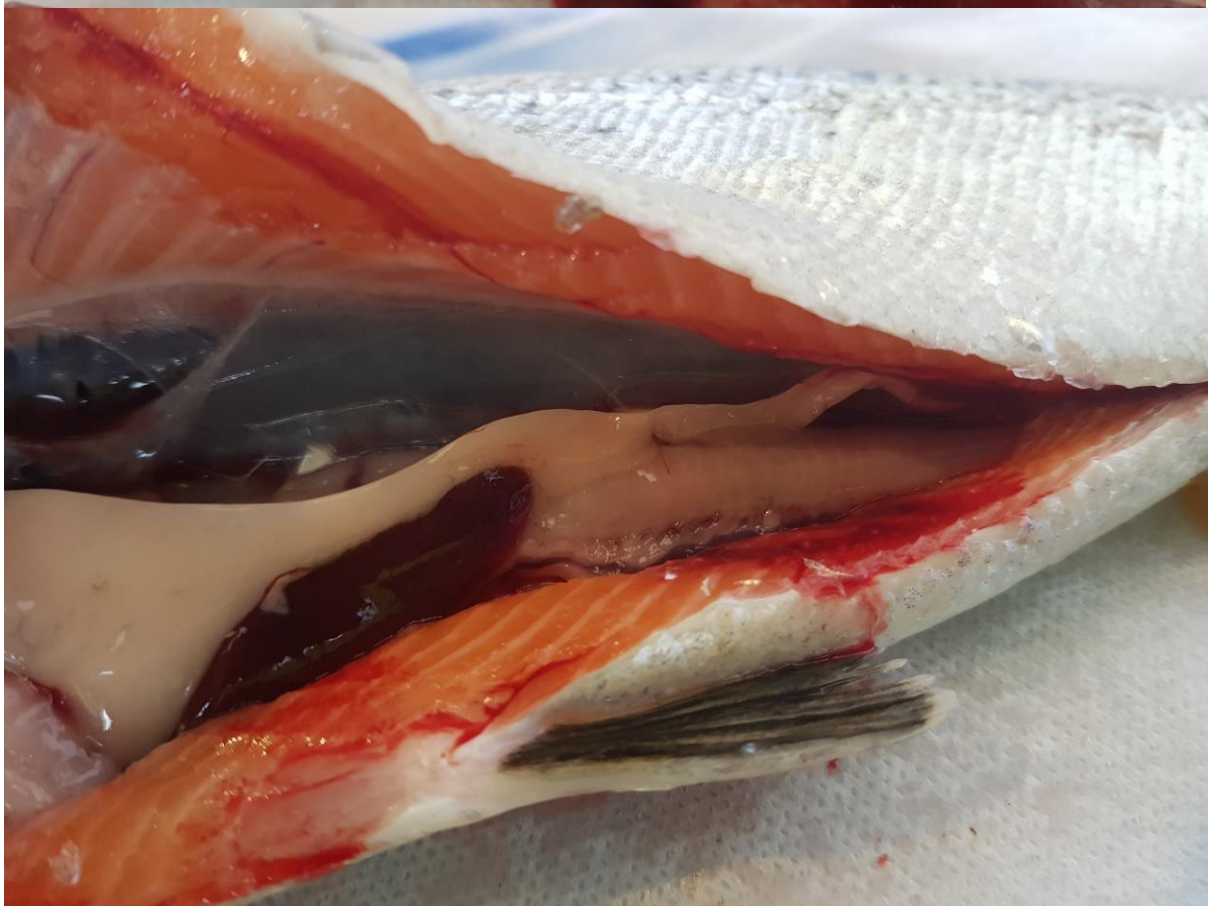
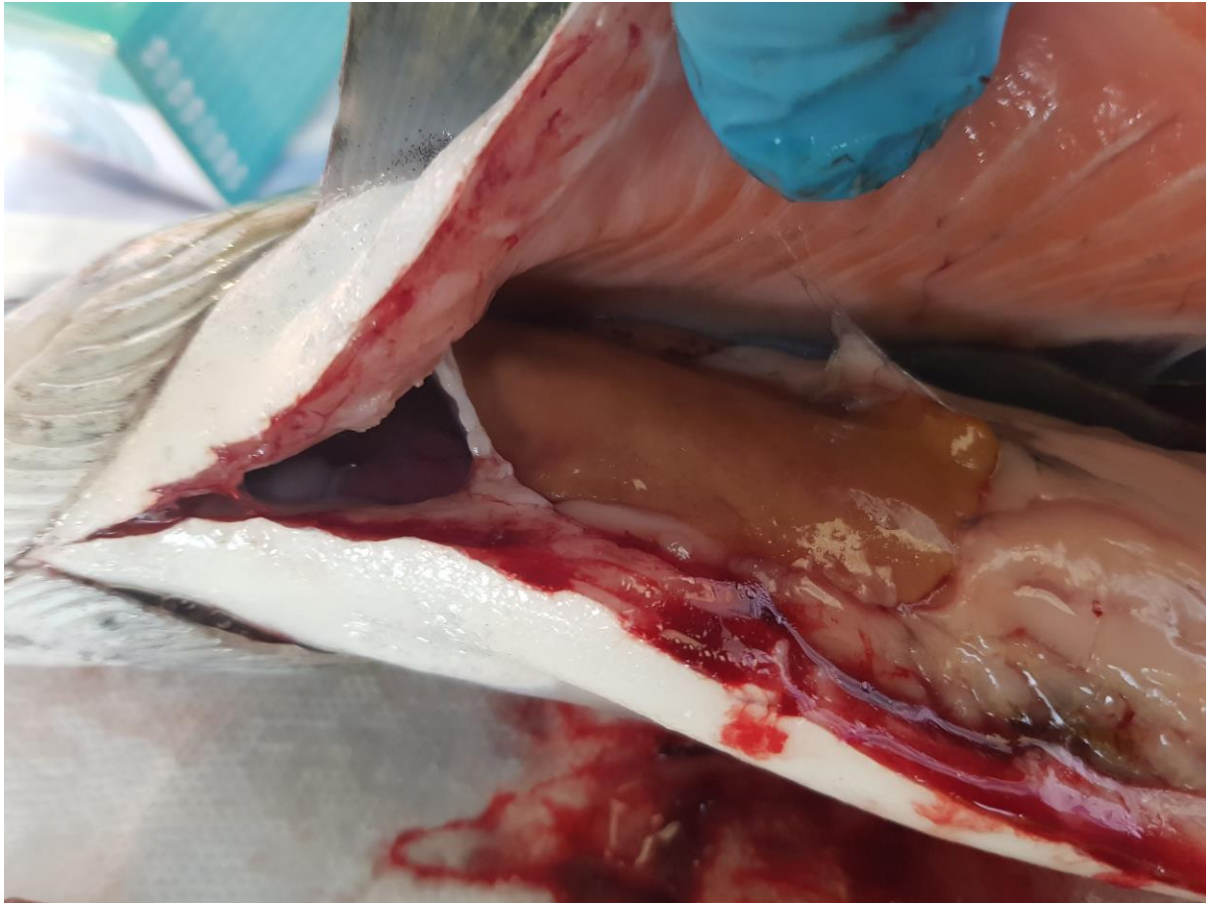
Fish 3



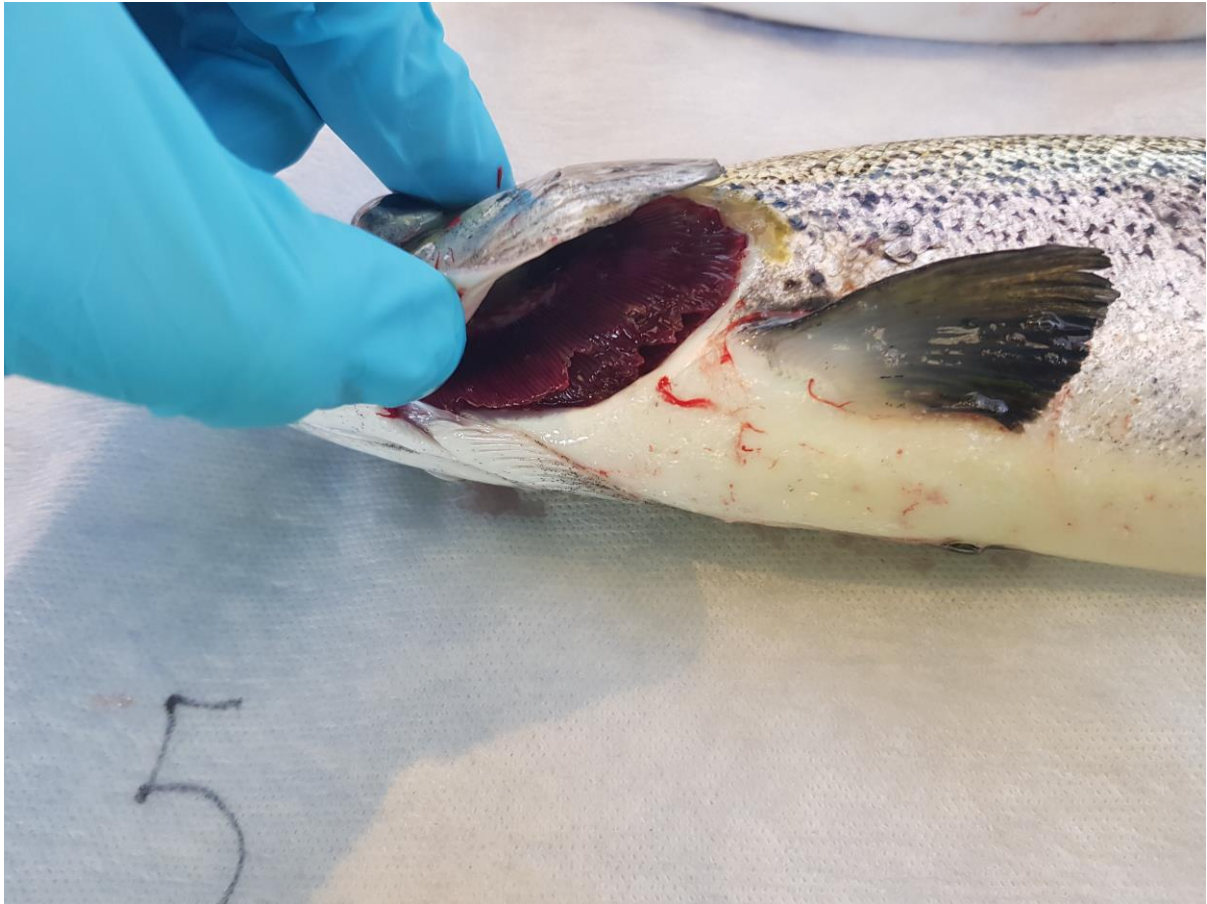


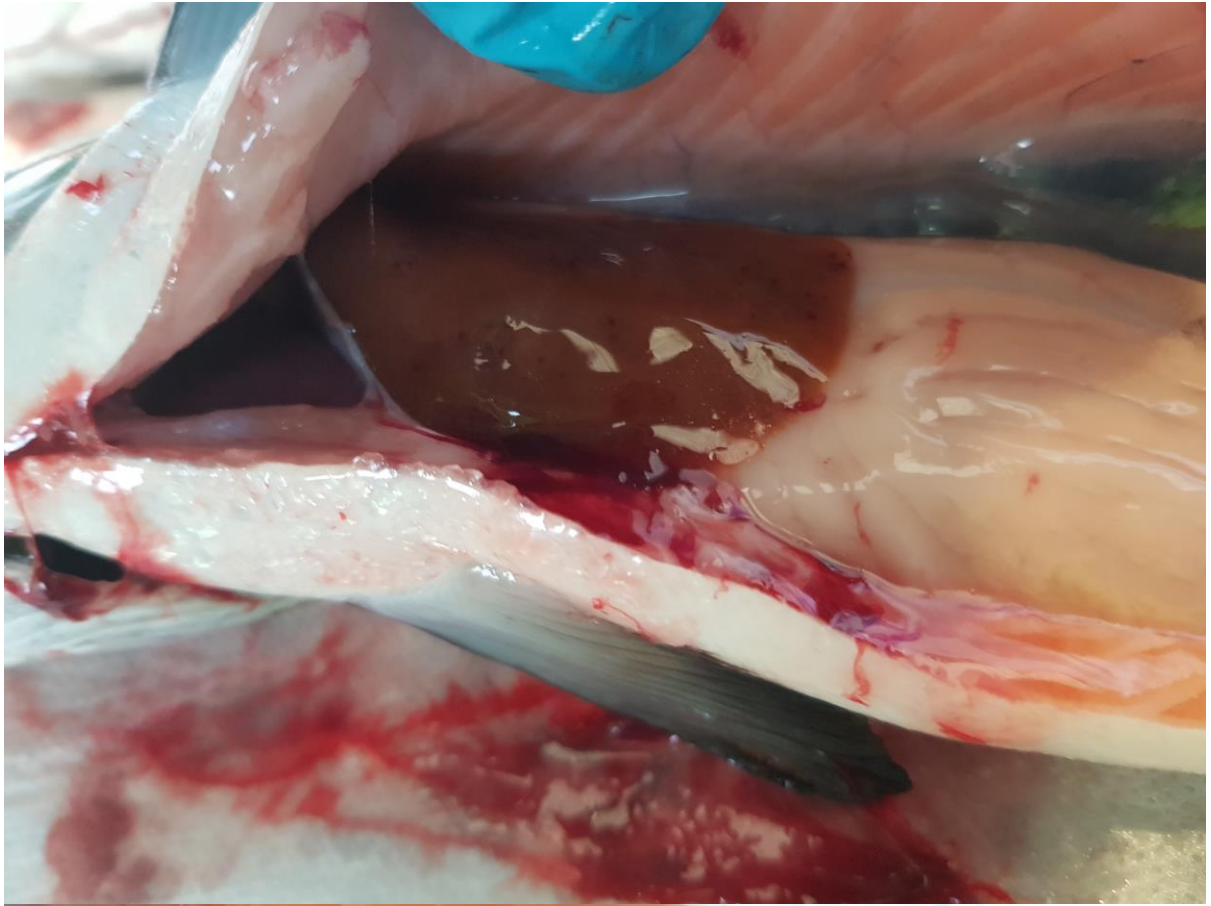
Fish 4





Fish 5





[REDACTED]
The Scottish Salmon Company
1 Smithy Lane
Lochgilphead
Argyll
PA31 8TA
[REDACTED]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0169	DATE OF VISIT	21/11/2019
SITE No	FS1056	SITE NAME	Strone Point
INSPECTOR	[REDACTED]	CASE No	20190700

Section 1: Summary

Strone Point was inspected following a report of increased mortality by the business. During the inspection a number of moribund fish were observed in all cages on site. Five fish were removed for further examination and subsequent sampling.

Histopathology examination revealed multifactorial gill pathology which included the presence of amoebic cells suggestive of amoebic gill disease. Two fish displayed some ulcerative lesions, which may impact on the osmotic balance of the fish. Mild granulomatous peritonitis likely associated with vaccine administration was also noted.

Due to gill health issues observed on site, samples were screened for amoebic gill disease, salmon gill poxvirus and *Paranucleospora theridion* (syn, *Desmozoon lepeophtherii*). Samples tested positive for all three pathogens.

Moritella viscosa was identified on plates taken from lesion material of F1 and 2. The level and purity would suggest that it may be implicated as a primary source of the lesion in F2 but not in F1.

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

Section 2: Case Detail

Observations

The site was inspected following a report of increased mortality by the business. Records on site showed that mortality for the four weeks before the inspection was 1.68% (11,020 fish), 0.7%

R09

(4480 fish), 0.77% (4907 fish), and 7.7% (48,051 fish) respectively. The company attributed increased mortality to gill issues on site.

Externally F2-F4 had zoned gills, and F4 also had pale gills. Skin lesions were present on the flank of F1 and F2.

Internal examination showed clear ascites in F4 and a granuloma present in F3. There were also pseudo-faeces present in F3 and F4. There was also adhesions to the body cavity in F3 and F4, as well as liver adhesions to the pyloric caeca of F3.

Samples

Samples were collected from 5 fish according to the table below:

Fish number	Pool number	Facility number	Species	Stage	Origin
F1-3	P1	8	Atlantic Salmon (<i>Salmo salar</i>)	1.5 Kg 2019 S1	Ormsary Smolt Unit (FS0575)
F4-5	P1	9	Atlantic Salmon (<i>Salmo salar</i>)	1.5 Kg 2019 S1	Ormsary Smolt Unit (FS0575)

Results

Bacteriology: Kidney and gill material from 5 fish and lesion material from F1 and F2 was inoculated onto appropriate media for the isolation of bacteria.

Moritella viscosa – F1 and F2, lesion.

The level and purity would suggest that *Moritella viscosa* may be implicated as a primary source of the lesion in fish 2 but not in fish 1.

Vibrio sp. – F1, kidney.

The level and purity of growth would not suggest it would be implicated in current fish morbidity.

No growth was observed on plates taken from kidney material of F2-F4.

No significant growth was observed on plates taken from gill material of F1-F5.

Virology: Tissue samples were tested for segments of nucleic acid indicative of the presence of the pathogens specified below using real-time PCR (QPCR).

Salmon gill poxvirus (SGVP)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	21.98	31.19	31.09	31.27	POSITIVE
F2	21.70	35.65	36.08	35.94	POSITIVE
F3	22.35	35.13	34.96	34.48	POSITIVE
F4	21.81	36.21	35.70	36.02	POSITIVE
F5	21.50	31.20	31.32	31.17	POSITIVE

R09

The samples tested negative for infectious haematopoietic necrosis virus (IHNV), infectious pancreatic necrosis virus (IPNV), infectious salmon anaemia virus (ISAV), salmonid alphavirus (SAV) and viral haemorrhagic septicemia virus (VHSV).

Parasitology: Gill samples were tested for segments of nucleic acid indicative of the presence of the parasites specified below using real-time PCR (QPCR).

Neoparamoeba perurans (AGD)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	21.98	27.87	27.83	27.87	POSITIVE
F2	21.70	31.30	31.45	31.45	POSITIVE
F3	22.35	31.54	31.66	31.59	POSITIVE
F4	21.81	30.80	30.66	30.72	POSITIVE
F5	21.50	29.08	29.11	28.88	POSITIVE

Paranucleospora theridion

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	21.98	26.46	26.64	26.64	POSITIVE
F2	21.70	23.63	23.63	23.64	POSITIVE
F3	22.35	25.45	25.40	25.37	POSITIVE
F4	21.81	28.26	28.30	28.24	POSITIVE
F5	21.50	25.20	25.11	25.21	POSITIVE

Histology: Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen, and kidney were taken from 5 fish. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

Gill: Mild multifocal interlamellar hyperplasia and lamellar fusion, some lacunae filled with cell debris, spongiosis and some hyperplasia of chloride cells (F1-F5). F3 displayed one small area of adhesion of two adjacent gill filaments. Occasional to several amoebic cells resembling *Neoparamoeba perurans* (F1, F2, F5). Scattered aneurysmal dilation/telangiectasia. All fish exhibited free blood among gill filament, likely associated with percussive stunning.

Skin & Muscle: Lesions (F1 & F2) displayed total to partial absence of epidermal layer, high numbers of bacteria noted in the dermal layer of F1. F2 exhibited mild leucocyte cell infiltration and moderate hypodermal haemorrhage. F1 also displayed mild multifocal haemorrhaged on the red skeletal muscle.

Heart: Within normal range.

Gut and pyloric caeca: Mild abdominal granulomatous inflammation (likely associated with vaccine administration) (F2, F3, F5).

Pancreas: Within normal range.

Liver: Minor to mild multifocal hepatic necrosis (F2, F4, F5).

Kidney: slight increase of melanomacrophages (F2, F3, F4, F5).

Spleen: Within normal range.

Signed:



Date: 23/12/2019

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

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: ST Water type: S 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:

INTRA.GB.2019.0033774 MD19/158 Export to Cloughmore Shellfish, Ireland.

11 bags, 13.2 tonnes - no hitchhiker species observed.

Informed the site is now fallow following this export

Case No: **2019-0723** Site No: **SS0759**
 Date of Visit: **27/11/2019** Inspector(s): **[REDACTED]**

Registration/Authorisation Details

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

Site Details

Total No facilities	10	Facilities stocked	0	No facilities inspected	0
Species					
Age group					
No Fish					
Mean Fish Wt					
Next Fallow Date (Site)	fallow	Next Input Date (Site)	natural settlement		

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

Movement Records

1. Movement records available for inspection? **Y**
 2. Date of last inspection: **14/11/2019**
 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 (out with GB) available? **N/A**

Transport Records

1. Are any movements carried out by (or on behalf) of the business (not using a STB)? **[REDACTED]**
 If yes, is there a system in place for maintenance of transportation records? **[REDACTED]**

Mortality Records

1. Mortality records available for inspection? **N/A**
 2. How are mortalities disposed of? **Other (detail)**
 If other detail: **No morts observed.**
 3. Mortality records complete and correctly entered? **N/A**
 4. Recent mortality (last 4 wks): **[REDACTED]**
 5. Evidence of recent increased/atypical mortalities? **N/A**
 If yes, facility nos/no mortality per facility/no stock per facility/reason: **[REDACTED]**
 6. Any other peaks in mortality during period checked? **N/A**
 If yes, detail: **[REDACTED]**
 7. Have increased (unexplained) mortalities been reported to vet or FHI? **N/A**
 If yes, detail action: **[REDACTED]**
 8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet. **N/A**

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?	
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 <i>increased (unexplained)</i> 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 <i>how</i> and <i>when</i> 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?	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: 14/11/19- 27/11/19

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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	SB0530	DATE OF VISIT	27/11/2019
SITE No	SS0759	SITE NAME	Fearna
INSPECTOR		CASE No	20190723

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 mussel spat 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:



Fish Health Inspector

Date: 06/12/2019

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