FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018				
Case No: 2019-0496			Date of visit: 02/10/2019				
Time spent on site: 4.	5hrs	Main Insp	pector:				
Site No: FS1281 Business No: FB0169	Site Name: Business Name:	Sgian Dubh The Scottish Salmon Com	pany				
Case Types: 1 ECI 2	2 CNI 3 SLI	4 5	6				
Water Temp (°C): 13.5	Thermometer No:	T152	FHI 045 completed N				
Observations:	Region: ST	Water type: S	CoGP MA M-45				
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet.							
UNI/REG only - if unable to carry	out intended visit deta	il reason below:					

Site was visited in July 2019, however the water temperature was >14degrees, and so an EC inspection could not be completed. Site re-visited to complete this.

Site manager prefers to be contacted on his mobile.

Harvest station at shorebase. Fish collected in wellboats and pumped live into harvest station before being transported by tanker to Cairndow for processing.

Recent plankton blooms were associated with an increase in the prevalence of AGD and PGD on site. However, no mortalities as a result of this. Fish were treated with hydrogen peroxide and recovered well.

Wild caught wrasse on site, site manager is happy with their performance with regards to lice clearance. Wrasse; 5% stocking density. 4, 500 mortalities since input.

SLICE and hydrogen peroxide administered during this cycle.

Two large freshwater tanks at shorebase. Water pumped from local river and stored for freshwater treatments. Well boats will be able to connect to these and fill up with freshwater for treatments throughout TSSC.

Low mortalities across site since input. Mainly attributed to poor performers.

Low sea lice figures since input. Site has just begun a week long SLICE treatment (01/10/19), not in response to high lice numbers.

Large seal observed close to cages during inspection. Site representative informed us that this particular seal was observed often around the site, but was not causing any damage to equipment or stock.

Inspection completed by under supervision.

FHI 059, Version 12			Issu	ued by: FHI			Date of issu	ıe: 08/10/2018
Case No:	2019-0496		Site No:	FS1281				
Date of Visit:		02/10/2019			Inspector(s):]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	-
Site Details								
Total No facilities		16	Facilities sto	cked	15	No facilitie	s inspected	15
Species	SAL	WRS						
Age group	2019 S1	Wild caught						
No Fish	1,167,722	62, 765						
Mean Fish Wt	1.3kg	Mixed						
Next Fallow Date (Si	ite)	October 2020	0	Next Input Da	ate (Site)	January 20	J21	
Recent (last 4 wks) of lf yes, detail:		lems? GD associated	d with plankto		Any escapes	s (since last	visit)?	N
Movement Records			William President	T BIOGITA				
 Movement records Date of last inspect Are records comp Are movement records Are records comp Are records comp Are health certification 	s available fo ction: blete and corre cords available blete and corre ates for introd	ectly entered? le for dead fis ectly entered?	sh and waste? ?				24/07/2019	Y Y Y Y N/A
Transport Records 1. Are any movement If yes, is there a systematical systems.	nts carried ou			•	_			N
Mortality Records								
Mortality records a								Y
2. How are mortalitie						Dundas Che	emicals	
				ly Bowie and ta	ken to Dunda	as.		•
Mortality records of Recent mortality (I		correctly ente	Wk35: 129 ((0.01%), wk36: 39: 1, 090 (0.09		, wk37: 420 ((0.04%), wk3	8: 734
5. Evidence of recen	•	atypical mortal		39. 1, 030 (0.00	9 70 j.			N
If yes, facility nos/no		• •		/reason:				
,								
6. Any other peaks in If yes, detail:	n mortality du	ring period ch	iecked?					N
7. Have increased (u	inexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:	,							
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	IRT case and e	enter on morta	ality events s	heet.	N/A

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
1. Recent treatments (last 4 wks)?		Y
If yes, detail: T.M	I.S., Slice	
If other, detail:		
2. Medicines records available for insp	ection?	Y
3. Are records complete and correctly	entered?	Y
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?	T.M.S., Slice	
If other, detail:		
6. Are medicines stored appropriately?	?	Y
Biosecurity Records		
Biosecurity records available for ins	pection?	Y
•	nortality removal, recording and safe disposal beer	n considered?
	n the APB will notify Scottish Ministers or veterinar	
increased (unexplained) mortality at t	•	Y professional of any
more account (union planie a) more allegials	is one poor included.	
4 Has the action that will be taken in t	he event that the presence or suspicion of the pre	sence of a listed disease
	nd when that will be notified to Scottish Ministers?	
	e animals being stocked on the farm site been cov	
health status, certification if required)?	_	
6. Have the husbandry and biosecurity	measures implemented between each epidemiol	logical unit to minimise

Results of Surveillance

If no, detail:

aquaculture animals held on site?

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

8. Have the biosecurity procedures been adequately implemented on site?

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

- 2. If yes, are results available for inspection?
- 3. Any significant results?

If yes, detail (if not detailed under recent disease problems).

PGD and AGD, associated with plankton blooms.

Report date: 13/09/2019

Records checked between:

24/07/19 - 02/10/19

FHI 059, Version 12	Issued by: FHI Date of issue:						: 08/10/2018
Case Number:	2019-0496		Site No:	FS1281		Insp:	
Date of Visit	02/10/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	$\overline{}$
·	Number of sup	ncluding third country pliers	0		10	14	-
Movements off	Frequency of n	novements off	I 0	3	6	10	10
Wovernerits on	Number of des		0		6	10	3
Exposure via water	<u> </u>	Site contacts	s 0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	,	0				
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		ш
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		ш
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro		0				
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	n from MS of equivalent status	2				
	Processing fish equivalent state	4					
		n from Category III farm	8				
	Processing fish	n from Category ∨ farm	10				\Box
Disposal of fish and fish by-	Site's own was	0]				
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	unpasteurised feed	0	Ī			0
	Feeding unpas	teurised feed	5				-
Biosecurity		Number of sites	s 1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1	1			ш
CoGP/Regulator				J			
Practices in accordance	Yes		0]			0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0	1			0
	No		2				ш
					Total Rank		22 MEDIUM

Case No:	2019-0496	Site No: FS1281							
Sea Lice Inspection (S	Seawater Sites Only)								
 Has the site experient 	iced sea lice problems	s in the previous 4 years?	N						
2. Is the CoGP Farm Ma	anagement Area (or e	quivalent) fallowed synchronously on a single year class basis?	Υ						
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 doo Management Area (or e		ement agreement or statement relevant to the site and CoGP Farm	Υ						
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 (<i>L. salme</i> records are inspected?		low the suggested criteria for treatment in the CoGP during the period that	Υ						
_	•	monis) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or od that records are inspected?	N						
•	•	Health Inspectorate? If no, FHI see comment.	N/A						
9. Is <i>C. elongatus</i> infes	tation at a level which	is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	N						
		stered or other actions taken when <i>L. salmonis levels</i> have exceeded the <i>elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	Υ						
11. Has any other action	n been taken (where a	applicable)?	Υ						
•	•	s taken had a significant impact upon the lice levels recorded?	Υ						
		out in cooperation between participating farms?	Υ						
		where fewer populations or part populations are held without treatment for	Y						
15. Is there a site speci scenarios during the es		ement procedure with waypoints describing set actions to deal with recognised nfestation?	Υ						
16. Do the sea lice leve	ls observed on stocks	reflect sea lice count data? If no please detail reasons.	Υ						
Containment Inspection	on								
1. Has the site experien	iced equipment dama	ge due to predators in the current or previous production cycles?	N						
2. Are measures in place	ce to mitigate against t	the predation experienced on site? (Detail below)	Υ						
Tension nets, top net	s, ADD, MML.								
If other, detail below:									
Have escape incider	nts or events been exp	perienced on or in the vicinity of the site since the last FHI inspection?	N						
If Yes proceed with que		•							
4. Have these been rep	orted to Scottish Minis	sters?							
5. Have these been rep	orted to local DSFB fo	orthwith (where they exist)? (CoGP - 4.4.37, 5.4.17)							
6. Have these been rep	orted to the SSPO an	d local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)							
7. Were methods (if any	y) used to recover esc	apees? If yes give detail							
8. If gill nets were deplo Ministers? (Legal, CoGl		greed with local wild fish interests and was permission given by Scottish							
9. What action was take	en to prevent and mini	mise the risk of further escapes? (Not covered in code but could							
be considered under	satisfactory measu	res of the Act)							
10. Is the site inspected	l as satisfactory with r	egards to containment? If no, please detail reason(s)	Υ						

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0496	Site No: FS1281	
Date of Visit: 02/10/20	Inspector:	
Point of Compliance		
1. Is the farm under inspection locate	ed within a farm management area?	Y
If N, no further questions require com	npletion.	
Points of Compliance for Both Far	m Management Agreements and Statements	
 3. Is the current FMAg/S available for 4. Does the FMAg/S identify the relevance 5. Does the FMAg/S identify the fish 6. Does the FMAg/S identify the date 7. Does the FMAg/S identify the date 	vant farm management area? farm site(s) to which it applies? of commencement of the agreement or stateme of review?	Y Y Y
Arrangements for Fish Health Man	agement	
8. Does the FMAg/S identify the mini farm?	mum health standards for the stocks to be introd	uced to the area or Y
10. Does the FMAg/S identify the spe	cination requirements for stocks held in the area of ecies of fish which may be stocked into the area of eximum stocking density of any pen on any farm in	or farm?
12. Does the FMAg/S identify the arrafish farm in the area or the individual	angements for the storage and disposal of any deal farm?	ead fish from any
Arrangements for The Managemer	nt of Sea Lice	
13. Does the FMAg/S identify arrange	ements for the sharing of data on sea lice numbe	ers and treatments?
14. Does the FMAg/S identify the available of statement?	ailability and the use of medicines on farms cover	
15. Does the FMAg/S identify any reclice on farms in the area or individual	quirements for the sensitivity testing of available t	reatments for sea
	cumstances under which biological controls and c	
17. Does the FMAg/S identify the arra	angements for synchronous treatments on farms	within the area?
Live Fish Movements		
area or farm?	cumstances when live fish may be introduced or rangements for the movement of live fish on and o	

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Harvesting		
20. Does the FMAg/S identify acceptable ha	arvest practices on farms in the area or indiv	vidual farms?
Fallowing		
21. Does the FMAg/S identify the dates by date when a farm or area may be restocked	which the area or individual farm will be fallod?	ow and the earliest Y
22. Does the FMAg/S identify whether one agreement or statement?	or more year classes may be stocked onto s	sites covered by the Y
23. Does the FMAg/S identify whether brook covered by the agreement or statement?	odstock or potential broodstock are to be kep	ot on any site
Point of Compliance for Farm Managem	ent Agreements Only	
24. Does the farm management agreement parties to the agreement?	t include arrangements for persons to becon	me, or cease to be,
Management and operation		
25. Is the fish farm being managed and ope	erated in accordance with the agreement or	statement?
26. What is the version no/date of issue of	the FMAg/S? 12/12/2018	

Case No:	2019-0496	Date of visit: 02/10/2019						
Site No:	FS1281	l	Inspector:					
Results Summary	Freq.			Dat	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	_							
Report Summary								
Report Summary Case Type	Date	Insp	2 nd Insp					
ECI, CNI, SLI	09/10/2019	шэр	Z IIISP					
201, 0111, 021	00/10/2010							





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0169
 Date of Visit
 02/10/2019

 Site No
 FS1281
 Site Name
 Sgian Dubh

 Inspector
 Case No
 20190496

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.

Mortality records were inspected and found to be adequately maintained.

No mortality levels exceeding the reporting criteria have been recorded since the last inspection. 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 adequately maintained and implemented.

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 3 regarding parasites (sea lice), section 4A regarding fish farm management agreements and statements and section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory with regards to parasites, fish farm management agreements and statements and containment and escapes.

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

Signed:

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

Date: 10/10/2019

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018		
Case No: 2019-0497			Date of visit: 02/10/2019		
Time spent on site:	5hrs	Main Inspe	ctor:		
Site No: SS0451 Business No: SB0530	Site Name: Business Name:	Troustan Loch Striven Mussel Farms	Ltd		
Case Types: 1 ECI 2	3	4 5	6		
Water Temp (°C): 13.8	Thermometer No:	T152	FHI 045 completed N		
Observations:	Region: ST	Water type: S	CoGP MA		
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N N					
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:			

Site manager informed us that there are a small number of droppers in the water, however, due to the exposed nature of this site, main production is from Fearna.

No health issues reported.

Some predation from eider ducks noted on site.

Business is producing mussels solely for relaying in Ireland. No production for human consumption due to closures.

No plans to export from Troustan in the foreseeable future.

Inspection completed by under supervision.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0497		Site No:	SS0451				
Date of Visit:		02/10/2019			Inspector(s):]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	itive?			Y N	-
Site Details								
Total No facilities Species	MED	10 longlines	Facilities sto	cked	5	No facilitie	es inspected	5
Age group No Fish	2017 5 lines							
Mean Fish Wt	15g	No plan		Novt Input De	to (Cito)	Natural se	Homont	
Next Fallow Date (Si	te)	No plan.		Next Input Da	ite (Site)	Natural Sc	ttiement	
Recent (last 4 wks) of If yes, detail:	disease probl	ems?		N	Any escapes	(since last	visit)?	N
Movement Records								
1. Movement records 2. Date of last inspect 3. Are records comp 4. Are movement records 5. Are records comp 6. Are health certifications	s available for ction: olete and corre cords availabl olete and corre	ectly entered? le for dead fish ectly entered?	h and waste?				14/02/2019	Y N/A N/A
Transport Records 1. Are any movement If yes, is there a systematical systems.	nts carried out			•	_			
Mortality Records 1. Mortality records a 2. How are mortalitie	es disposed of	ıf?			Other (detail))		N/A
If other detail: 3. Mortality records of		drop to seabe						N/A
4. Recent mortality (•			es observed on	site since last	t inspection		1 111
5. Evidence of recen	•			0 02.00		Пор		N/A
If yes, facility nos/no				/reason:				
6. Any other peaks ir If yes, detail:	n mortality du	ring period ch	ecked?					N/A
7. Have increased (u	inexplained)	mortalities ber	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI?	? If no, add M	RT case and ϵ	enter on morta	lity events :	sheet.	N/A

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
1. Recent treatments (last 4 wks)?		
If yes, detail:		
If other, detail:		
2. Medicines records available for inspect		
3. Are records complete and correctly enter	ered?	
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 inspec	tion?	Y
• •	ality removal, recording and safe disposal b	
·	e APB will notify Scottish Ministers or veteri	nary professional of any
increased (unexplained) mortality at the s	site been included?	Y
		5 F. 1 F
	event that the presence or suspicion of the when that will be notified to Scottish Minister	
	nimals being stocked on the farm site been	
health status, certification if required)?	illitals being stocked on the fairt site been	covered (equal of flighter
moduli otatao, oo amaaaan ii roqaaaaa,		
6. Have the husbandry and biosecurity me	easures implemented between each epiden	niological unit to minimise
•	ovement of staff, visitors, equipment, live or	
7. Is documentation available regarding th	ne measures in place to maintain the physic	al containment of
aquaculture animals held on site?		
8. Have the biosecurity procedures been a	adequately implemented on site?	Y
If no, detail:		
Results of Surveillance		
1. Has any animal health surveillance bee	en carried out by, or on behalf of, the busine	ess? N

2. If yes, are results available for inspection?

If yes, detail (if not detailed under recent disease problems).

Records checked between:

3. Any significant results?

14/02/19 - 02/10/19

Date of issue: 08/10/2018 FHI 059, Version 12 Issued by: FHI Case Number: 2019-0497 Site No: SS0451 Date of Visit 02/10/2019 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen Yes No 25 Susceptible to Bonamia ostrea (OED) 0 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to OsHV (CGI) 0 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 Live shellfish movements 0 1-2 >3 Frequency of movements on from equivalent MS O 10 Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 Number of suppliers 0 5 10 Movements off Frequency of movements off within MSS Management 0 1 2 Frequency of movements off outwith MSS Management 0 3 6 3 Areas 0 Number of destinations Secure Unsecure Management (effluent (no effluent treatment) practices None treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within 0 2 6 MSS management area Depuration of stock from sites outwith MSS management 0 8 area Number of sites 2 or 3 > 4 **Biosecurity** Contacts with other Sites operating from single shorebase Sites sharing staff and equipment sites Yes No Disinfection of equipment between sites, use of footbaths etc 0

Total Risk

LOW

Case No:	2019-0497	Date of visit: 02/10/2019						
Site No:	SS0451	l	Inspector:					
Results Summary	Freq.			Da	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	+							
	 							
	 							
Report Summary				1				
Report Summary Case Type	Date	Insp	2 nd Insp					
ECI	09/10/2019		Z IIISP					
201	00/10/2010							
	1							
	1							
	1							
	1							
	1							
	1							





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
 02/10/2019

 Site No
 SS0451
 Site Name
 Troustan

 Inspector
 Case No
 20190497

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 low. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every fourth 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 inspected and found to be adequately maintained and implemented.

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

Signed:

Date:29/11/2019

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

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018		
Case No: 2019-0503			Date of visit: 29/10/2019		
Time spent on site:	2h	Main In	spector:		
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Far	rms 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? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N					
UNI/REG only - if unable to carry	y out intended visit deta	ail reason below:			

15 bags (18 tonnes) of mussel for export to Ireland inspected, no issues noted therefore health certificate INTRA.GB.2019.0030557 (local ref:MD19/133) issued.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0503	S	Site No:	SS0759				
Date of Visit:		29/10/2019			Inspector(s):]
Registration/Authornal 1. Business/site detaction 2. Changes made to	ails summary		representa	itive?			N N/A	- -
Site Details								
Total No facilities	LIED	30 F	acilities sto	cked	1	No facilitie	s inspected	n/a
Species	MED Spat	\vdash						
Age group No Fish	80 tonne							
	N/A							
Mean Fish Wt Next Fallow Date (S		ongoing cycle		Next Input Da	ate (Site)	natural sn:	at collection	
TVEXT I allow Date (C	ite)	origoning cycle		Next Input Du	ile (Oile)	natural spe	at concentor	
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N/A
If yes, detail:								
Movement Record	s							
Movement record		r inspection?						Y
2. Date of last inspe							24/10/2019	
3. Are records comp		•						Y
4. Are movement re			and waste?					N/A
5. Are records comp		•	OD)il-					N/A
6. Are health certific		luctions (outwith	(GB) avalla	ible?				N/A
Transport Records								
1. Are any movement		• •	•	•	_			
If yes, is there a sys	tem in place i	or maintenance	or transpor	tation records	•			
Mortality Records	ilable for i	tian2						N/A
 Mortality records How are mortalitie 		•						IN/A
If other detail:	es disposed o	11						
3. Mortality records	complete and	correctly entere	ed?					N/A
4. Recent mortality	•	Г						
5. Evidence of recei	nt increased/a	typical mortalitic	es?					N/A
If yes, facility nos/no		••		/reason:				
6. Any other peaks i	n mortality du	ring period chec	ked?					N/A
If yes, detail: 7. Have increased (upovolained)	mortalities been	reported to	vet or FHI2				N/A
If yes, detail action:		Hortanties been	reported to	Vet of Till:				147
8. Have 'mortality ev		ported to FHI?	f no. add M	RT case and e	enter on morta	lity events s	sheet.	N/A

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
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, rowns the manner and period in which the APB will notifincreased (unexplained) mortality at the site been included.	fy Scottish Ministers or veterinary profession	
4. Has the action that will be taken in the event that the p is detected been included and <i>how</i> and <i>when</i> that will be 5. Has the health status of aquaculture animals being stated health status, certification if required)?	e notified to Scottish Ministers?	
6. Have the husbandry and biosecurity measures implent transmission of disease been covered (movement of sta 7. Is documentation available regarding the measures in aquaculture animals held on site? 8. Have the biosecurity procedures been adequately implif no, detail:	aff, visitors, equipment, live or dead fish etc.) n place to maintain the physical containment	?
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?

If yes, detail (if not detailed under recent disease problems).

Records checked between:

3. Any significant results?

24/10/19 to 29/10/2019

Case No:	2019-0503	Date of visit: 29/10/2019						
Site No:	SS0759	Inspector:						
Results Summary	Freq.			Dat	te of Notificat			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Report Summary Case Type	Date	Insp	2 nd Insp					
MOV	11/11/2019		Z IIISP					
W V	11/11/2010							





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
 29/10/2019

 Site No
 SS0759
 Site Name
 Fearna

 Inspector
 Case No
 20190503

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: 11/11/2019
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

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0515			Date of visit: 02/10/2019
Time spent on site:	1.5hrs	Main I	nspector:
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Fa	arms Ltd
Case Types: 1 MOV	23	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed N
Observations:	Region: ST	Water type: S	CoGP MA
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	-	N If yes, see addition	nal information/clinical score sheet. nal information/clinical score sheet. nal information/clinical score sheet.
UNI/REG only - if unable to carr	ry out intended visit deta	ail reason below:	

16x 1.2 tonne bags of MED loaded onto a lorry for export to Cloughmore Shellfish, Ireland.

INTRA.GB.2019.0027.003 MD 19/120

Site inspected, no issues found.

Inspection and paperwork completed by under supervision.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0515		Site No:	SS0759				
Date of Visit:		02/10/2019			Inspector(s):]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	-
Site Details								
Total No facilities Species	MED	10 longlines	Facilities sto	cked	10	No facilitie	es inspected	10
Age group No Fish	2018 10 lines							
Mean Fish Wt Next Fallow Date (Si	10g	No plan.		Next Input Da	ate (Site)	Natural se	attlement	
Next Fallow Date (C.	le)	NO plan.		Next input bu		Natural 30	lliement	
Recent (last 4 wks) of lf yes, detail:	disease proble	ems?		N	Any escapes	(since last	visit)?	N
Movement Records	s							
Movement records Date of last inspec	ls available for ction:	-					26/09/2019	
 Are records comp Are movement records 								Y N/A
5. Are records comp6. Are health certification	olete and corre	ectly entered?	•					N/A N/A
Transport Records 1. Are any movemer If yes, is there a syst	nts carried out	t by (or on beh	half) of the bu	usiness (not usi	_			
Mortality Records								NIA
 Mortality records a How are mortalities 		•			Other (detail)			N/A
If other detail:	Empty shells	s drop to the se			Out.			
3. Mortality records of	•				1 12			N/A
 Recent mortality (Evidence of recent 	•			es observed sin	ice last inspec	tion.		N/A
If yes, facility nos/no				/reason:				147.
2. A surether neake i	lity du	in a mariad ob						N/A
6. Any other peaks in If yes, detail:	1 mortality du	ring period cit	ескеа?					14//-4
7. Have increased (u	ınexplained) ı	mortalities bea	en reported to	vet or FHI?				N/A
If yes, detail action:	4-11	retard to FUII	O'f add N	DT	tara an ananta	l'in a compta	1	NI/A
8. Have 'mortality ev	ents' been re	ported to FHI?	? If no, add ivi	RI case and e	enter on morta	lity events s	sheet.	N/A

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Recent treatments (last 4 wks)? If yes, detail:		
If other, detail:		
Medicines records available for inspe	ction?	
3. Are records complete and correctly el		
4. Are fish in a withdrawal period?		
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?		
Biosecurity Records		
Biosecurity records available for insper	ection?	
	ortality removal, recording and safe disposal been	considered?
3. Has the manner and period in which t	the APB will notify Scottish Ministers or veterinary	professional of any
increased (unexplained) mortality at the	site been included?	
	e event that the presence or suspicion of the pres	ence of a listed disease
	when that will be notified to Scottish Ministers?	and to made as birther
•	animals being stocked on the farm site been cove	ered (equal or higher
health status, certification if required)?		
6. Have the husbandry and biosecurity r	measures implemented between each epidemiolo	ogical unit to minimise
•	movement of staff, visitors, equipment, live or dea	
	the measures in place to maintain the physical co	
aquaculture animals held on site?	p p p	
8. Have the biosecurity procedures beer	n adequately implemented on site?	
If no, detail:		
Results of Surveillance		
1. Has any animal health surveillance be	een carried out by, or on behalf of, the business?	N

2. If yes, are results available for inspection?

If yes, detail (if not detailed under recent disease problems).

Records checked between:

3. Any significant results?

2019-0515

Page 2 of 2

26/09/19 - 03/10/19

Case No:	2019-0515	Date of visit: 02/10/2019							
Site No:	SS0759	Inspector:							
Results Summary	Freq.			Da	te of Notificat	tion			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
	<u> </u>								
	1								
	_								
Report Summary									
Report Summary Case Type	Date	Insp	2 nd Insp						
MOV	09/10/2019	шэр	Z IIISP						
mo v	00/10/2010								
	1								
	<u> </u>								





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
 02/10/2019

 Site No
 SS0759
 Site Name
 Fearna

 Inspector
 Case No
 20190515

Inspection for placing on the market in the EU

Fish Health Inspector

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 19,200 kg *Mytilus edulis* for placing on the market in the Republic of 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: 10/10/2019

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

FHI 059, Version 12		Issued by: FHI		Date of issue: 08/10/2018			
Case No: 2019-0533			Da	ate of visit: 01/10/2019			
Time spent on site:	1.5 hours	Ma	ain Inspector:				
Site No: SS0520 Business No: SB0333	Site Name: Business Name:	South Shian Bay 2 Shian Fisheries Ltd					
Case Types: 1 ECI	2 3	4 5	6				
Water Temp (°C): 13.8	Thermometer No:	T147] FI	HI 045 completed			
Observations:	Region: ST	Water type:	S	CoGP MA			
Dead/weak/abnormally behaving	•			tion/clinical score sheet.			
Clinical signs of disease observed Gross pathology observed?	ed?			tion/clinical score sheet. tion/clinical score sheet.			
Diagnostic samples taken?		N yes, see ude		normal soore street.			
UNI/REG only - if unable to carry out intended visit detail reason below:							

2018 stock from Guernsey, 2019 stock from Morecambe Bay

FHI 059, Version 12			Issu	ued by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0533]	Site No:	SS0520				
Date of Visit:		01/10/2019	9		Inspector(s)):]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N	3
Site Details								
Total No facilities		100	Facilities sto	ocked	70	No facilitie	es inspected	100
Species	CGI	CGI						
Age group	2018	2019						
No Fish	898 kg	528 kg						
Mean Fish Wt	20-30mm	15mm						
Next Fallow Date (S	ite)	N/A		Next Input Da	ate (Site)	Decembe	r 2019	
Recent (last 4 wks)	disease prob	lems?		N	Any escape	e (since last	visit)?	N
If yes, detail:	discuse propi	CITIO:			Tary Codepo	s (Silico last	visity:	
Movement Records	5							
1. Movement record	s available fo	or inspection?						Y
2. Date of last inspe							07/11/2017	
3. Are records comp		ectly entered	?					Y
4. Are movement re		•		?				N/A
5. Are records comp	lete and corr	ectly entered	?					N/A
6. Are health certific	ates for intro	ductions (out	with GB) availa	able?				Y
Transport Records								
1. Are any movemen		ut by (or on be	ehalf) of the bu	usiness (not us	ing a STB)?			
If yes, is there a sys			•	•	_			
Mortality Records								
1. Mortality records	available for i	inspection?						N/A
2. How are mortalitie	es disposed o	of?			Other (detai	il)		
If other detail:	empty shells	s left on fores	hore					
3. Mortality records								N/A
4. Recent mortality ((last 4 wks):		None observ	ved				
5. Evidence of recer	nt increased/a	atypical morta	alities?					N/A
If yes, facility nos/no				/reason:				
6. Any other peaks i	n mortality du	uring period c	hecked?					N/A
If yes, detail:	11.10.1	mily period						
7. Have increased (unexplained)	mortalities be	een reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FH	I? If no, add N	IRT case and	enter on mort	ality events	sheet.	N/A

Date of issue: 08/10/2018 FHI 059, Version 12 Issued by: FHI Case Number: 2019-0533 Site No: SS0520 Date of Visit 01/10/2019 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen Yes No 25 Susceptible to Bonamia ostrea (OED) 0 Susceptible to Marteilia refringens (OED, MED) 0 3 Susceptible to OsHV (CGI) 0 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 Live shellfish movements 0 1-2 >3 Frequency of movements on from equivalent MS O 10 Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 Number of suppliers 0 5 10 5 Movements off Frequency of movements off within MSS Management 0 1 2 2 Frequency of movements off outwith MSS Management 0 3 6 Areas 0 Number of destinations Secure Unsecure Management (effluent (no effluent treatment) practices None treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within 0 2 6 MSS management area Depuration of stock from sites outwith MSS management 0 8 area Number of sites 2 or 3 > 4 **Biosecurity** Contacts with other Sites operating from single shorebase Sites sharing staff and equipment sites Yes No Disinfection of equipment between sites, use of footbaths etc 0 0

Total Risk

Case No:	2019-0533			Date of visit:	01/10/2019			
Site No:	SS0520			Inspector:				
Results Summary	Freq.				te of Notificat			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	14/10/2019							





Shian Fisheries Ltd South Shian Connel Oban, Argyll PA37 1SB

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0333 SITE NO SS0520 INSPECTOR DATE OF VISIT SITE NAME CASE NO

01/10/2019 South Shian Bay 2

20190533

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 inspected and found to be adequately maintained and implemented.

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

Signed:

Date: 14/10/2019

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

FHI 059, Version 12	I	ssued by: FHI		Date of issue: 08/10/2018				
Case No: 2019-0534			Da	te of visit: 02/10/2019				
Time spent on site:	.5 hours	Ma	ain Inspector:					
Site No: FS0254 Business No: FB0125	Site Name: Business Name:	Knock Scottish Sea Farms	s Ltd					
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6					
Water Temp (°C): 12.5	Thermometer No:	Site] FH	II 045 completed				
Observations:	Region: ST	Water type:	F	CoGP MA				
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet.								
UNI/REG only - if unable to carry	out intended visit detail	reason below:						

Additional Case Information:

Accompanied by

Site temperature probe used due to biosecurity

Most recent vet report - 13/09/19 - pre transfer check and histology samples taken, no significant results. Biologist on site 23/09/2019, report due to be sent through to site manager.

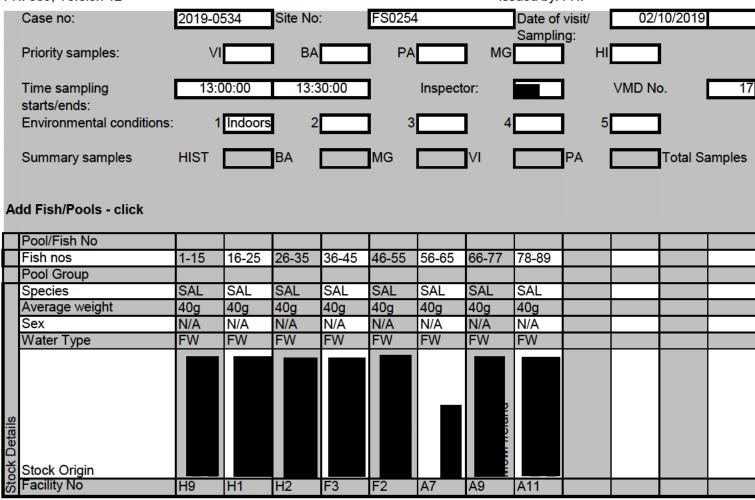
Fish affected by fungus sent out to sea sites on veterinary advice.

Fish sampled for VMD appeared healthy.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0534		Site No:	FS0254				
Date of Visit:		02/10/2019			Inspector(s):]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		ite representa	itive?			Y Y	}
Site Details								
Total No facilities		41	Facilities stoo	cked	23	No facilitie	s inspected	41
Species	SAL		1 44	SKOU.		110	J 1110p 2 2 2 2	
Age group	Parr							
No Fish	1,387,173							
Mean Fish Wt	57g							
Next Fallow Date (Si		N/A		Next Input Da	to (Cito)	January 20	220	
Next Fallow Date (Si	te)	N/A		Next Input Da	ite (Site)	January 20	120	
Recent (last 4 wks) of	disease probl	ems?		Y	Any escapes	(since last)	visit)?	N
If yes, detail:			stock 2 tank	s with S0 stock		•	•	ut to sea site
	by end of Oc		0.001., 2	J Williams	(Torricania.g	ono, un		ut to coa
Movement Records								
Movement records		r increation?						Y
Date of last inspect		Inspection:					03/10/2018	'
3. Are records comp		ectly entered?	,				03/10/2010	Y
4. Are movement red		•						Y
5. Are records comp								Y
6. Are health certification		-		ble?				Y
Transport Records								
1. Are any movemen					_			Y
If yes, is there a syst	em in place f	or maintenan	ce of transpor	tation records?	?			Y
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalitie		•			Whole fish - I	Dundas Che	emicals	
If other detail:								
3. Mortality records of	complete and	correctly enter						Y
4. Recent mortality (I	last 4 wks):			8%) - fungus, s ndergone vacci			as S0 2019 a	ffected.
5. Evidence of recen		typical mortal		dergene russ	mation (1 2 5).			Y
If yes, facility nos/no		• •		/reason:				
w/b 02/09/19 - 19,78		•			(2%) attributed	I to fungus	tanks A1 - A1	12 worst
affected, 200-500/tar 23/09/19 - 53,212 (3.	nk/day. w/b 10	6/09/2019 22,	,210 (1.25%) a	attributed to fur	ingus, tank A1	0 worst affe	cted - 16,968	3. w/b
transferred to Wyre				e.				
6. Any other peaks in	n mortality du	ring period ch	lecked?					N
If yes, detail:								
7. Have increased (u			-					Y
If yes, detail action:				e and biologist			14	. NI
8. Have 'mortality eve	ents' been re	ported to FHI	? If no, add M	RI case and e	enter on morta	ility events s	heet.	N

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
	nalin, T.M.S., Pyceze	Y
If other, detail: 2. Medicines records available for inspo 3. Are records complete and correctly of 4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)? If other, detail: 6. Are medicines stored appropriately?	Formalin, T.M.S.	Y
Biosecurity Records		
	ortality removal, recording and safe disposal be the APB will notify Scottish Ministers or veter	
is detected been included and how and	ne event that the presence or suspicion of the d when that will be notified to Scottish Ministe animals being stocked on the farm site been	rs?
transmission of disease been covered	measures implemented between each epider (movement of staff, visitors, equipment, live og the measures in place to maintain the physicen adequately implemented on site?	r dead fish etc.)?
If no, detail:		
Results of Surveillance		
Has any animal health surveillance because in the surveillance in the surveillance because in the surveillanc		ess? Y N
	, ,	

Records checked between: 03/10/2018 - 02/10/2019



	Addition	nal Sam	ple Infor	mation:							
0	1	Total To	ests ass	igned	0	١					

FHI 059, Version 12		Issued by: FHI			Date of	of issue	: 08/10/2018
Case Number:	2019-0534		Site No:	FS0254		Insp:	
Date of Visit	02/10/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	5
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
	Number of sup	ncluding third country	0			14	5
Mayamanta off							10
Movements off	Frequency of n Number of des		0			10 10	10
Exposure via water	rtaniber of des	Site contacts		_			
Water contacts with other	Farm is protect	ed (secure water supply through					
farms (holding species	disinfection or l	,	0				\vdash
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		1
,		or in a coastal zone with category III					
		n or within 1 tidal excursion	1	3	6		$\overline{}$
		or in a coastal zone with category V n or within 1 tidal excursion	1		8		
	iaims apstream	TOT WILLIEF T HAZI EXCULSION	<u>'</u>	-	<u> </u>		_
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	n from zone or compartment of us	4				
	Processing fish	from Category III farm	8	1			
	Processing fish	n from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	Ī			
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	l 0	i			0
	Feeding unpas	·	5	1			
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator				ı			
Practices in accordance	Yes		0]			0
with regulator or industry code of practice	No		3				┝─┤
code of practice				J			
Platform access to cages	Yes		0				0
	No		2				
					Total		32
					Rank		HIGH

Case No:	2019-0534		Site No:	FS0254	
Sea Lice Inspection (**				
•	nced sea lice problems in th	•			
		llent) fallowed synchronously or	• •		
azamethiphos and ema can these be deployed	amectin benzoate) as well a in a reasonable period of ti	d in-feed and bath sea lice medi as access to suitable biological a me? at agreement or statement releva	and/or mec	hanical control measu	res, and
Management Area (or					
	•	on? (Legal SSI, CoGP Annex 6)			
6. Do records adequate	ely reflect the required stand	dard specified in the SSI and the	CoGP? (L	egal SSI, CoGP Anne	x 6)
7. Are sea lice (<i>L. salm</i> records are inspected?	*	ne suggested criteria for treatme	nt in the Co	oGP during the period	that
8. Have average adult records are inspected?	•	s) numbers per fish been at a le	vel of 3 or a	above during the perio	d that
If yes, have these been	reported to the Fish Health	Inspectorate? If no, FHI see co	mment.		
9. Is C. elongatus infes	station at a level which is co	nsidered to cause significant we	elfare proble	ems? (CoGP 4.3.81, 5	.3.50)
		d or other actions taken when <i>L</i> atus is considered to have welfa			
11. Has any other action	on been taken (where applic	able)?			
12. Have therapeutic tr	eatments or the actions tak	en had a significant impact upor	the lice le	vels recorded?	
13. Are treatments, who	ere conducted, carried out i	n cooperation between participa	ting farms?	?	
sea lice?		e fewer populations or part popu			
	ific written lice managemen scalation of a sea lice infest	t procedure with waypoints desc ation?	ribing set a	actions to deal with rec	ognised
16. Do the sea lice leve	els observed on stocks refle	ct sea lice count data? If no plea	ase detail re	easons.	
Containment Inspecti	on				
•		e to predators in the current or p	previous pr	oduction cycles?	N
2. Are measures in pla	ce to mitigate against the pr	redation experienced on site? (D	etail below	')	Υ
Site inside, electric fe	ence				
If other, detail below:					
2. Have essent incide	nto or evente been eveneries	and an ar in the vicinity of the a	ita ainaa th	a last EUI inappation?	N
	estions 4 – 9. If No skip to q	nced on or in the vicinity of the si	ite since th	e iast FHI ilispection?	
	ported to Scottish Ministers?				
5. Have these been rep	ported to local DSFB forthwi	th (where they exist)? (CoGP -	4.4.37, 5.4	J.17)	
6. Have these been rep	ported to the SSPO and loca	al fisheries trusts forthwith (wher	e they exis	t)? (CoGP – 4.4.37, 5.	4.17)
7. Were methods (if an	y) used to recover escapee	s? If yes give detail			
8. If gill nets were deplo	oyed was this action agreed	with local wild fish interests and	d was perm	ission given by Scottis	h
Ministers? (Legal, CoG				, , , , , , , , , , , , , , , , , , , ,	
9. What action was tak	en to prevent and minimise	the risk of further escapes? (No	t covered in	n code but could	
	r satisfactory measures o	·			
10. Is the site inspected	d as satisfactory with regard	Is to containment? If no, please	detail reaso	on(s)	Υ

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Case No: 2019-0534 Site No: FS0254 Date of visit: 02/10/2019

Start date:	End date: (if applicable)	Size of fish:	Average weight of affected population:	Species:	Yearclass:	Timescale	Mortality rate recorded(%):	Explained/ unexplained:	If explained, select reason(s):
09/09/19	15/09/2019	<750g	70g	SAL	Parr	Weekly	1.52	Explained	Fungus
23/09/19	29/09/2019	<750g	70g	SAL	Parr	Weekly	3.26	Explained	Fungus
							+	-	
							+	+	

If unexplained, select observations:	Total mortality during event (if available):	Additional information (e.g. action taken by company):	Action taken by FHI (include case no where applicable):
	29472	S0 stock on site affected by fungus, worst affected tanks remaining stock sent to sea sites on veterinary advice	Picked up during inspection (2019-0534), no clinical signs of disease observed in remaining stock on site, fish sampled for VMD appeared healthy.
	53212	S0 stock on site affected by fungus, worst affected tanks remaining stock sent to sea sites on veterinary advice	Picked up during inspection (2019-0534), no clinical signs of disease observed in remaining stock on site, fish sampled for VMD appeared healthy.

Case No:	2019-0534	Date of visit: 02/10/2019								
Site No:	FS0254	1		Inspector:		ı				
Results Summary	Freq.			Da	te of Notificat	tion				
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
	-									
Report Summary										
Report Summary Case Type	Date	Insp	2 nd Insp							
ECI,CNI,VMD	01/11/2019	шэр	Z IIISP							
201,0111,11113	01/11/2010									





Scottish Sea Farms Ltd Laurel House Laurelhill Business Park Polmaise Road Stirling FK7 9JQ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0125 SITE NO FS0254 INSPECTOR DATE OF VISIT 02/10/2019 SITE NAME Knock CASE NO 20190534

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.

R04

Mortality levels had exceeded the reporting criteria since the last inspection and had not been reported to the Fish Health Inspectorate. I would like to remind you of the industry agreement in relation to mortality reporting as detailed in A Code of Good Practice for Scottish Finfish Aquaculture.

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 adequately maintained and implemented.

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: 01/11/2019
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

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0535			Date of visit: 02/10/2019
Time spent on site:	hours	Main I	Inspector:
Site No: SS0515 Business No: SB0331	Site Name: Business Name:	Location 1 Rangequest Oysters	
Case Types: 1 ECI 2	2 3	4 5	6
Water Temp (°C): 14.1	Thermometer No:	T147	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA
Dead/weak/abnormally behaving of Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see addition	nal information/clinical score sheet. nal information/clinical score sheet. nal information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:	

Additional Case Information:

FHI 059, Version 12			lss	sued by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0535		Site No:	SS051	5			
Date of Visit:		02/10/201	19		Inspector(s):]
Registration/Autho	risation Det	ails						
1. Business/site deta	ails summary	checked by	site represer	ntative?			Υ	1
2. Changes made to	details?						Υ	1
Site Details								
Total No facilities		250	Facilities st	tocked	250	No facilitie	es inspected	250
Species	GGI	CGI	CGI	CGI			T	
Age group	2010-2015	2017	2018	2019				
No Fish	59,000	240,000	250,000	51,000				
Mean Fish Wt	30-60g	10-60g	30g	5g				
Next Fallow Date (S	ite)	N/A		Next Input D	ate (Site)	November	r 2019	
					7			
Recent (last 4 wks)	disease prob	lems?			N Any escapes	s (since last	visit)?	N
If yes, detail:								
Movement Records	s							
Movement record		or inspection	2					Y
2. Date of last inspe		Порези					15/09/2015	•
3. Are records comp		ectly entere	d?					Y
4. Are movement re				e?				N/A
5. Are records comp	lete and corr	ectly entere	d?					N/A
6. Are health certific		•		ilable?				Y
Transport Records								
1. Are any movemen	nts carried ou	it by (or on b	behalf) of the I	business (not u	sing a STB)?			
If yes, is there a syst			•	•				
Mortality Records								
1. Mortality records a	available for i	nspection?						N/A
2. How are mortalitie	es disposed c	of?			Other (detail)		
If other detail:	Empty shells	s left on fore	shore					
3. Mortality records	complete and	correctly er	ntered?					N/A
4. Recent mortality (last 4 wks):		None obse	erved				
5. Evidence of recer	nt increased/a	atypical mor	talities?					N/A
If yes, facility nos/no	mortality per	facility/no s	tock per facili	ty/reason:				
2 1 11 1	1 Pr 1							NI/A
6. Any other peaks in If yes, detail:	n mortality du	iring period	checked?					N/A
7. Have increased ((nevnlained)	mortalities l	neen renorted	to yet or FHI?				N/A
If yes, detail action:	aricxpianica)	mortanico s	ech reported	to vet of 1 Th.				
8. Have 'mortality ev	ents' been re	ported to F	HI? If no, add	MRT case and	enter on morta	ality events	sheet.	N/A

Date of issue: 08/10/2018 FHI 059, Version 12 Issued by: FHI Case Number: 2019-0535 Site No: SS0515 Date of Visit 02/10/2019 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen Yes No 25 Susceptible to Bonamia ostrea (OED) 0 Susceptible to Marteilia refringens (OED, MED) 0 3 Susceptible to OsHV (CGI) 0 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 Live shellfish movements 0 1-2 >3 Frequency of movements on from equivalent MS 10 Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 Number of suppliers 0 5 10 5 Movements off Frequency of movements off within MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 0 3 6 Areas 0 Number of destinations Secure Unsecure Management (effluent (no effluent treatment) practices None treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within 0 2 6 MSS management area Depuration of stock from sites outwith MSS management 0 8 0 area Number of sites 2 or 3 > 4 **Biosecurity** Contacts with other Sites operating from single shorebase Sites sharing staff and equipment sites Yes No Disinfection of equipment between sites, use of footbaths etc 0

Total Risk

Case No:	2019-0535	Date of visit: 02/10/2019						
Site No:	SS0515	Inspector:						
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summany								
Report Summary Case Type	Date	Inch	and Image					
Case Type	14/10/2019	Insp	2 nd Insp					
ECI	14/10/2019							
	 							
	 							





Rangequest Oysters Pairc Dubh Ulva Ferry Isle of Mull PA73 6LY

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0331 SITE NO SS0515 INSPECTOR
 DATE OF VISIT
 02/10/2019

 SITE NAME
 Location 1

 CASE NO
 20190535

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 inspected and found to be adequately maintained and implemented.

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

Signed: Date: 14/10/2019

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

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018				
Case No: 2019-0536			Date of visit: 03/10/2019				
Time spent on site:	3.5 hours	Main Inspec	etor:				
Site No: FS0839 Business No: FB0169	Site Name: Business Name:	Geasgill The Scottish Salmon Compa	any				
Case Types: 1 REG	2 VMD 3	4 5	6				
Water Temp (°C): 14.2	Thermometer No:	Site	FHI 045 completed				
Observations:	Region: ST	Water type: S	CoGP MA M-37				
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? Y If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet.							
UNI/REG only - if unable to carry out intended visit detail reason below:							
	Ten	nperature above 14					

Additional Case Information:

Accompanied by

Farmed lumpfish on site, sourced from Otter Ferry

Site thermometer used as inspector thermometer left at shorebase.

Aerators used on cages to flush out plankton and micro jellies

Average adult female lice counts above CoGP suggested criteria for treatment, below reporting levels since 28/08/19, hydroliser has treated on 19th and 23rd September, average adult female lice numbers subsequently fell below suggested criteria for treatment (count from w/b 30/09). Site staff unable to carry out lice count w/b 23/09 due to increased mortality in recent weeks attributed to plankton bloom. Reason for not carrying out count not recorded. Site manager advised of requirement to record reasons for not carrying out a sea lice count.

2 morts seen across site, no moribund or lethargic fish observed.

Fish sampled for VMD appeared healthy.

FHI 059, Version 12			Issu	ued by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0536		Site No:	FS0839	,			
Date of Visit:		03/10/2019	1		Inspector(s):]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y Y	-
Site Details								
Total No facilities		12	Facilities sto	ocked	12	No facilitie	es inspected	12
Species	SAL	LUM						
Age group	2018 S0	2019						
No Fish	694,973	51,398						
Mean Fish Wt	2.3 kg	50g						
Next Fallow Date (S	ite)	May 2020		Next Input Da	ate (Site)	September	r 2020	
Recent (last 4 wks) (If yes, detail:	disease probl	lems?		N	Any escapes	(since last	visit)?	N
Movement Records	s							
Movement record		r inspection?						Y
2. Date of last inspe		Порозна					23/08/2017	
3. Are records comp		ectly entered	?				25/23/2	Y
4. Are movement re				?				Y
5. Are records comp	lete and corr	ectly entered	?					Y
6. Are health certific	ates for introd	ductions (outv	vith GB) availa	able?				N/A
Transport Records								
1. Are any movemen				•	_			N
If yes, is there a syst	tem in place f	ior maintenan	ce of transpor	rtation records	?			
Mortality Records								
1. Mortality records a		•						Y
2. How are mortalitie	es disposed o	if?			Whole fish - I	Dundas Che	emicals	
If other detail:			10					
Mortality records of the second of the	complete and	correctly ent		2 2225 (0.20	2() "- 00/00	· · · · · · · · · · · · · · · · · · ·	2 450()//- 4	10/00/40
4. Recent mortality (last 4 wks):			9 - 2095 (0.299 %), w/b 23/09/20	**	•).45%), W/b 1	16/09/19 -
5. Evidence of recer	•	atypical morta		-7,		,		Y
If yes, facility nos/no		• •		//reason:				
Attributed to plankto	•	•			23/09/19 - cag	ge 3 - 2737,	cage 4 - 291	4, cage 9 -
4336, cage 10 - 102	20, cage 11, 1	702.						
6. Any other peaks in	n mortality du	iring period ch	necked?					N
If yes, detail:								
7. Have increased (u	unexplained)							Y
If yes, detail action:				ed site, aerators				ges
B. Have 'mortality events' been reported to FHI? If no. add MRT case and enter on mortality events sheet.								

Results of Surveillance

health status, certification if required)?

aquaculture animals held on site?

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

8. Have the biosecurity procedures been adequately implemented on site?

is detected been included and how and when that will be notified to Scottish Ministers?

5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher

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

- 2. If yes, are results available for inspection?
- 3. Any significant results?

If no. detail:

If yes, detail (if not detailed under recent disease problems).

AGD confirmed by pcr and histology

Records checked between:

23/08/2017 - 03/10/2019

	111 059, VEISIOII 12							133	ded by. I	111			
	Case no:	2019-05	36	Site No:		FS0839			Date of		03/	10/2019	
	Priority samples:	VI		ВА		PA		MG	Sampling	g: HI			
	Time sampling starts/ends:	13:0	0:00	13:1	5:00		Inspecto	or:			VMD No).	9
	Environmental conditions:	1	Indoors	2		3		4		5			
ı	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
Δ	Add Fish/Pools - click												
	Pool/Fish No												
Г	Fish nos	1	2										
	Pool Group												
Г	Species	SAL	SAL										
	Average weight	2.3000	2.3000										
	Sex	N/A	N/A										
	Water Type	SW	SW										
Stock Details		Kinlochmoidart Hatchery	Loch Damph										
V.) I domity 140	-	11										

Additional Sample Information:													
0	0 Total Tests assigned 0												

FHI 059, Version 12		Issued by: FHI				Date o	of issue	: 08/10/2018
Case Number:	2019-0536			Site No:	FS0839		Insp:	
Date of Visit	03/10/2019			No of mo	ovements/s	upp./dest.		Score
Live fish movements				0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS		0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zon	e or	0	9	18	26	$\overline{}$
	Number of sup	ncluding third country		0	5	10	14	0
Movements off	Frequency of m			0	3	6	10	10
Movements on	Number of des			0	3	6	10	3
Exposure via water		Site con	tacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	,		0				
susceptible to same diseases)	farms upstream	or in a coastal zone with category n or within 1 tidal excursion		1	2	4		2
	farms upstream	or in a coastal zone with category n or within 1 tidal excursion		1	3	6		ш
		or in a coastal zone with category n or within 1 tidal excursion	/ V	1	4	8		ш
Management practices				None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent w	aters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro			0				0
	Processing own	n fish (re-cycling risk)		1				
	Processing fish	from MS of equivalent status		2				
	equivalent statu			4				
		from Category III farm		8				
	Processing fish	from Category ∀ farm		10				\Box
Disposal of fish and fish by-	Site's own was	te only processed.		0				
products	Common proce	esses with other farms		3				3
	Collection poin	t for waste from other farms		5				ш
Use of unpasteurised feeds	No feeding of u	inpasteurised feed		0				0
·	Feeding unpas	·		5				ш
Biosecurity		Number of	sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0	1	2		2
	Sites sharing s	taff and equipment		0	1	2		2
Disinfection of equipment	Yes		T	0				0
between sites, use of footbaths etc	No			1				\vdash
CoGP/Regulator								
Practices in accordance	Yes		Т	0				0
with regulator or industry code of practice	No			3				
Platform access to cages	Yes			0				0
	No			2				
						Total Rank		22 MEDIUM

Case No:	2019-0536	Site No: FS0839						
Sea Lice Inspection (S	Seawater Sites Only)							
1. Has the site experien	iced sea lice problems	s in the previous 4 years?	N					
2. Is the CoGP Farm Ma	. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?							
	mectin benzoate) as	enced in-feed and bath sea lice medications (including deltamethrin, well as access to suitable biological and/or mechanical control measures, and d of time?	Υ					
. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm lanagement Area (or equivalent)?								
5. Are sea lice count re	cords available for ins	pection? (Legal SSI, CoGP Annex 6)	Υ					
6. Do records adequate	ly reflect the required	standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	Υ					
7. Are sea lice (<i>L. salme</i> records are inspected?		low the suggested criteria for treatment in the CoGP during the period that	N					
8. Have average adult f records are inspected?	· ·	monis) numbers per fish been at a level of 3 or above during the period that	N					
If yes, have these been	reported to the Fish H	Health Inspectorate? If no, FHI see comment.	N/A					
9. Is <i>C. elongatus</i> infes	tation at a level which	is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	N					
		stered or other actions taken when <i>L. salmonis levels</i> have exceeded the <i>elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	Υ					
11. Has any other action	n been taken (where a	applicable)?	Υ					
12. Have therapeutic tre	eatments or the action	s taken had a significant impact upon the lice levels recorded?	Υ					
•		out in cooperation between participating farms?	Υ					
		where fewer populations or part populations are held without treatment for	Y					
15. Is there a site speci- scenarios during the es		ement procedure with waypoints describing set actions to deal with recognised nfestation?	Y					
16. Do the sea lice leve	ls observed on stocks	reflect sea lice count data? If no please detail reasons.	Υ					
Containment Inspection	on							
1. Has the site experien	iced equipment dama	ge due to predators in the current or previous production cycles?	Y					
2. Are measures in plac	ce to mitigate against t	the predation experienced on site? (Detail below)	Υ					
Top nets, tensioned r	nets, A.D.D., seal bli	nds						
If other, detail below:								
 Have escape incider 	nts or events been exp	perienced on or in the vicinity of the site since the last FHI inspection?	N					
If Yes proceed with que 4. Have these been rep		•						
5. Have these been rep	orted to local DSFB fo	orthwith (where they exist)? (CoGP - 4.4.37, 5.4.17)						
6. Have these been rep	orted to the SSPO an	d local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)						
7. Were methods (if any	y) used to recover esc	apees? If yes give detail						
0.16.11								
8. If gill nets were deplo Ministers? (Legal, CoG		greed with local wild fish interests and was permission given by Scottish						
9. What action was take	en to prevent and mini	mise the risk of further escapes? (Not covered in code but could						
be considered under	satisfactory measu	res of the Act)						
10. Is the site inspected	l as satisfactory with r	egards to containment? If no, please detail reason(s)	Υ					

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018							
Case No: 2019-0536	Site No: FS0839								
Date of Visit: 03/10/201	19 Inspector:								
Point of Compliance									
1. Is the farm under inspection located	d within a farm management area?	Υ							
If N, no further questions require com	pletion.								
Points of Compliance for Both Farn	m Management Agreements and Statements								
 3. Is the current FMAg/S available for 4. Does the FMAg/S identify the relevant 5. Does the FMAg/S identify the fish for 6. Does the FMAg/S identify the date 7. Does the FMAg/S identify the date 	ant farm management area? arm site(s) to which it applies? of commencement of the agreement or statement of review?	Y Y Y							
Arrangements for Fish Health Mana	agement								
8. Does the FMAg/S identify the minin farm?	num health standards for the stocks to be introdu	uced to the area or Y							
10. Does the FMAg/S identify the spec	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? Y Y 11. Does the FMAg/S identify the maximum stocking density of any pen on any farm in the area or the								
12. Does the FMAg/S identify the arra fish farm in the area or the individual	ingements for the storage and disposal of any defarm?	ead fish from any							
Arrangements for The Management	t of Sea Lice								
13. Does the FMAg/S identify arrange	ements for the sharing of data on sea lice numbe	ers and treatments?							
14. Does the FMAg/S identify the avail of statement?	ilability and the use of medicines on farms cover	red by the agreement Y							
15. Does the FMAg/S identify any require on farms in the area or individual	uirements for the sensitivity testing of available to farms?								
16. Does the FMAg/S identify the circuused on farms in the area or individua	umstances under which biological controls and c al farms?								
17. Does the FMAg/S identify the arra	ingements for synchronous treatments on farms	within the area?							
Live Fish Movements									
area or farm?	umstances when live fish may be introduced or rangements for the movement of live fish on and c								

FHI 059, Version 12	issued by: FHI	Date of Issue: 08/10/20
Harvesting		
20. Does the FMAg/S identify acceptable	e harvest practices on farms in the area or indi	ividual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be restoo	by which the area or individual farm will be fallecked?	ow and the earliest Y
22. Does the FMAg/S identify whether o agreement or statement?	one or more year classes may be stocked onto	sites covered by the Y
23. Does the FMAg/S identify whether be covered by the agreement or statement.	proodstock or potential broodstock are to be ke ?	pt on any site
Point of Compliance for Farm Manage	ement Agreements Only	
24. Does the farm management agreem parties to the agreement?	nent include arrangements for persons to become	me, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and	operated in accordance with the agreement or	r statement?
26. What is the version no/date of issue	of the FMAg/S? Jul-18	

Site No: FS0839

Case No: 2019-0536

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2019-0536	Date of visit: 03/10/2019									
Site No:	FS0839	l	Inspector:								
Results Summary	Freq.			Da	te of Notifica	tion					
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
D 10											
Report Summary Case Type											
Case Type	Date	Insp	2 nd Insp								
REG, SLI, CIVI, VIVID	18/20/2019										
Case complete	04/11/2019										





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0169
SITE NO FS0839
INSPECTOR

 DATE OF VISIT
 03/10/2019

 SITE NAME
 Geasgill

 CASE NO
 20190536

Case completion report

Recommendations in relation to the above case were made for implementation by 18/11/2019. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

This case will now be closed. This site may be subject to further audit and recommendations in the future.

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

Signed:

Fish Health Inspector

Date: 04/11/2019





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0169
 Date of Visit
 03/10/2019

 Site No
 FS0839
 Site Name
 Geasgill

 Inspector
 Case No
 20190536

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.

On this occasion the water temperature was above 14 degrees centigrade, as such an inspection could not be carried out to meet the requirements of European Community Council Directive 2006/88/EC. A further inspection will be carried out later this year.

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.

Mortality records were inspected and found to be adequately maintained.

Mortality levels had exceeded the reporting criteria since the last inspection and had been reported to the Fish Health Inspectorate as required.

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 adequately maintained and implemented.

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, as amended, with respect to section 3 regarding parasites (sea lice), section 4A regarding fish farm management agreements and statements and section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory with regards to fish farm management agreements and statements and containment and escapes.

On this occasion a recommendation was issued in relation to parasites (sea lice):

• A record must be maintained of the reason for not conducting a weekly count of parasites in the event that such a count is not undertaken in any week.

Please ensure that these points have been addressed by 18/11/2019 Records or documentation demonstrating that these points have been addressed should be sent to the Fish Health Inspectorate (contact details below). The site may be subject to further inspection or enforcement action should the appropriate action regarding the above points not be taken within the time period stipulated.

Please contact myself or the duty inspector should you require any assistance or clarification in implementing any requirement or recommendation detailed in this report.

Signed:

Fish Health Inspector

Date: 18/10/2019

FHI 059, Version 12		Issued by: FHI		Date of i	issue: 08/10/2018
Case No: 2019-0537				Date of visit:	03/10/2019
Time spent on site:	3.5 hours	_	Main Inspector	:	
Site No: FS0593 Business No: FB0169	Site Name: Business Name:	Inch Kenneth The Scottish Sal	mon Company		
Case Types: 1 REG	2 CNI 3 SLI	4 VMD	5	6	
Water Temp (°C): 14.2	Thermometer No:	Site	_	FHI 045 comple	eted
Observations:	Region: ST	Water type:	S	CoGP MA	M-37
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see a	additional inforn	nation/clinical sco nation/clinical sco nation/clinical sco	ore sheet.
UNI/REG only - if unable to carry					
	Ten	nperature above 14			

FHI 059, Version 12 Issued by: FHI Date of issue: 08/10/2018

Additional Case Information:

Accompanied by

Site thermometer used as inspector thermometer left at shorebase.

Farmed lumpfish on site, sourced from Otter Ferry

Average adult female lice counts above CoGP suggested criteria for treatment, below reporting levels from w/b 26/08/19, hydrolicer treated on 19th and 23rd September, average adult female lice numbers subsequently fell below suggested criteria for treatment (count from w/b 30/09). Site staff unable to carry out lice count w/b 23/09 due to increased mortality in recent weeks attributed to plankton bloom. Reason for not carrying out count not recorded. Site manager advised of requirement to record reasons for not carrying out a sea lice count.

Fish sampled for VMD appeared healthy

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0537		Site No:	FS0593				
Date of Visit:		03/10/2019	Ð		Inspector(s):]
Registration/Authornamental 1. Business/site det 2. Changes made to	ails summary		site representa	ative?			Y N]
Site Details								
Total No facilities		8	Facilities sto	cked	4	No facilitie	s inspected	8
Species	SAL	LUM						
Age group	2018 S0	2019						
No Fish	77,592	5,161						
Mean Fish Wt	2.1 kg	50g						
Next Fallow Date (S	ite)	May 2020		Next Input Da	ate (Site)	No further	inputs planne	ed
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	s (since last	visit)?	N
If yes, detail:	Library Prop.				, any occupies	(0.1100 1401	vieny.	
Movement Record	s							
1. Movement record	ls available fo	r inspection?						Y
2. Date of last inspe							23/08/2017	
3. Are records comp		ectly entered	?					Y
4. Are movement re		•		•				Y
5. Are records comp	olete and corre	ectly entered	?					Y
6. Are health certific	ates for introd	luctions (out	with GB) availa	able?				N/A
Transport Records								
Are any moveme		t by (or on be	half) of the hu	isiness (not ils	ing a STR)?			N
If yes, is there a sys				•	_			
Mortality Records								
Mortality records	available for i	nspection?						Y
2. How are mortalities		•			Whole fish -	Dundas Che	emicals	
If other detail:								
3. Mortality records	complete and	correctly ent	tered?					Y
4. Recent mortality	•	•		across site, a	attributed to p	lankton bloo	m.	
5. Evidence of recei	nt increased/a	tvpical morta		•				N
If yes, facility nos/no		• •		/reason:				
6. Any other peaks i	n mortality du	ring period c	hecked?					N
If yes, detail: 7. Have increased (unevnlained)	mortalities ha	en reported to	vet or FHI2				N/A
If yes, detail action:	unexpiaineu)	nortainties be	ch reported to	VELOI I I II !				13/7
8. Have 'mortality ev	/ents' been re	ported to FH	l? If no. add M	RT case and e	enter on morta	ality events s	sheet.	N/A
			,			.,		

2. If yes, are results available for inspection?

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

If no. detail:

Results of Surveillance

3. Any significant results?

AGD confirmed by pcr and histology

	11 059, VEISION 12							100	sucu by. I				
	Case no:	2019-05	537	Site No:		FS0593			Date of Samplin		03/	10/2019	
	Priority samples:	VI		ВА		PA		MG		₉ . HI			
	Time sampling starts/ends:	13:1	5:00	13:3	0:00	1	Inspecto	or:			VMD N	o.	6
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
Г	Pool/Fish No												
Г	Fish nos	1	2										
	Pool Group												
	Species	SAL	SAL										
	Average weight	2.1000	2.1000										
	Sex	N/A	N/A										
	Water Type	SW	SW										
sils		Geasgill/Gometra	Geasgil/Gometra										
ock Details	Stock Origin	Geasgill	Geasgill										
Stock	Facility No		6										

	Addition	nal Sam	ple Infor	mation:						
0		Total To	ests ass	igned	U					

FHI 059, Version 12		Issued by: FHI			Date o	of issue	: 08/10/2018
Case Number:	2019-0537		Site No:	FS0593		Insp:	
Date of Visit	03/10/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
·	Number of sup	ncluding third country pliers	0		10	14	0
Movements off	Frequency of n	novements off	1 0	3	6	10	10
Wovernerits on	Number of des		0		6	10	3
Exposure via water		Site contact	s 0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	,	0				
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		ш
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		ш
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent water	0	1	2		0
On farm processing within the rules of the directive	No on farm pro		0				0
	Processing ow	n fish (re-cycling risk)	1				
		n from MS of equivalent status	2				
	equivalent stat		4				
		n from Category III farm	8				
	Processing fish	n from Category ∀ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0]			
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	unpasteurised feed	0	1			0
	Feeding unpas	teurised feed	5				-
Biosecurity		Number of site	s 1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2
	Sites sharing s	taff and equipment	0	1	2		2
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1	1			ш
CoGP/Regulator				J			
Practices in accordance	Yes		0]			0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0	1			0
	No		2				
					Total Rank		22 MEDIUM

Case No:	2019-0537	Site No: FS0593	
Sea Lice Inspection (S	• •		
1. Has the site experien	iced sea lice problems	s in the previous 4 years?	N
2. Is the CoGP Farm Ma	anagement Area (or e	quivalent) fallowed synchronously on a single year class basis?	Y
	mectin benzoate) as	enced in-feed and bath sea lice medications (including deltamethrin, well as access to suitable biological and/or mechanical control measures, a d of time?	nd
 Is there a signed doc Management Area (or e 		ement agreement or statement relevant to the site and CoGP Farm	Υ
5. Are sea lice count re	cords available for ins	pection? (Legal SSI, CoGP Annex 6)	Υ
6. Do records adequate	ly reflect the required	standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	Υ
7. Are sea lice (<i>L. salme</i> records are inspected?		low the suggested criteria for treatment in the CoGP during the period that	N
8. Have average adult f records are inspected?	· ·	monis) numbers per fish been at a level of 3 or above during the period that	i N
If yes, have these been	reported to the Fish H	Health Inspectorate? If no, FHI see comment.	N/A
9. Is C. elongatus infes	tation at a level which	is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50) N
		istered or other actions taken when <i>L. salmonis levels</i> have exceeded the <i>elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51	Y
11. Has any other action	n been taken (where a	applicable)?	Υ
•	•	is taken had a significant impact upon the lice levels recorded?	Y
•		out in cooperation between participating farms?	· Y
		where fewer populations or part populations are held without treatment for	Y
15. Is there a site speci scenarios during the es		ement procedure with waypoints describing set actions to deal with recognis nfestation?	ed Y
16. Do the sea lice leve	ls observed on stocks	reflect sea lice count data? If no please detail reasons.	Υ
Containment Inspection	on		
1. Has the site experien	ced equipment dama	ge due to predators in the current or previous production cycles?	N
2. Are measures in plac	ce to mitigate against t	the predation experienced on site? (Detail below)	Υ
Top nets, tensioned r	nets, seal blinds, A.D	D.D	
If other, detail below:			
,			
3. Have escape incider	nts or events been exp	perienced on or in the vicinity of the site since the last FHI inspection?	N
If Yes proceed with que	stions 4 – 9. If No skip	o to question 10	
4. Have these been rep	orted to Scottish Minis	sters?	
		orthwith (where they exist)? (CoGP - 4.4.37, 5.4.17)	
6. Have these been rep	orted to the SSPO an	d local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if any	y) used to recover esc	apees? If yes give detail	
0 16			
8. If gill nets were deplo Ministers? (Legal, CoGl		greed with local wild fish interests and was permission given by Scottish	
9. What action was take	en to prevent and mini	imise the risk of further escapes? (Not covered in code but could	
be considered under	satisfactory measu	res of the Act)	
10. Is the site inspected	l as satisfactory with r	egards to containment? If no, please detail reason(s)	Υ

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0537	Site No: FS0593	
Date of Visit: 03/10/2019	Inspector:	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Υ
If N, no further questions require comp	letion.	
Points of Compliance for Both Farm	Management Agreements and Statements	
 Is the current FMAg/S available for in Does the FMAg/S identify the relevant Does the FMAg/S identify the fish fait Does the FMAg/S identify the date of Does the FMAg/S identify the date of 	nt farm management area? rm site(s) to which it applies? f commencement of the agreement or stateme f review?	Y Y Y
Arrangements for Fish Health Manag	jement	
8. Does the FMAg/S identify the minimularm?	um health standards for the stocks to be introd	luced to the area or Y
10. Does the FMAg/S identify the speci	ation requirements for stocks held in the area of ies of fish which may be stocked into the area of mum stocking density of any pen on any farm i	or farm?
12. Does the FMAg/S identify the arran fish farm in the area or the individual fa	gements for the storage and disposal of any dearm?	ead fish from any
Arrangements for The Management	of Sea Lice	
13. Does the FMAg/S identify arrangen	nents for the sharing of data on sea lice number	ers and treatments?
14. Does the FMAg/S identify the available of statement?	ability and the use of medicines on farms cover	red by the agreement Y
15. Does the FMAg/S identify any requilice on farms in the area or individual fa	irements for the sensitivity testing of available tarms?	
16. Does the FMAg/S identify the circuiused on farms in the area or individual	mstances under which biological controls and of farms?	
17. Does the FMAg/S identify the arran	gements for synchronous treatments on farms	s within the area?
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or a	

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Harvesting		
20. Does the FMAg/S identify acceptab	le harvest practices on farms in the area or individ	dual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be restored.	by which the area or individual farm will be fallow cked?	v and the earliest Y
22. Does the FMAg/S identify whether of agreement or statement?	one or more year classes may be stocked onto sit	tes covered by the
23. Does the FMAg/S identify whether be covered by the agreement or statement	proodstock or potential broodstock are to be kept t?	on any site Y
Point of Compliance for Farm Manag	gement Agreements Only	
24. Does the farm management agreen parties to the agreement?	ment include arrangements for persons to become	e, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and	l operated in accordance with the agreement or st	tatement?
26. What is the version no/date of issue	e of the FMAg/S? Jul-18	

Case No:	2019-0537	Date of visit: 03/10/2019									
Site No:	FS0593	l	Inspector:								
Results Summary	Freq.			Da	te of Notifica	tion					
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
Poport Summan											
O Time	D-4-	I	and .								
Report Summary Case Type	Date 45/40/2040	Insp	2 nd Insp								
REG, SLI, CIVI, VIVID	15/10/2019										
Case complete	04/11/2019										
	_										
	ļ										





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0169
Site No FS0593
Inspector

DATE OF VISIT 03/10/2019
SITE NAME Inch Kenneth
CASE NO 20190537

Date: 04/11/2019

Case completion report

Recommendations in relation to the above case were made for implementation by 15/11/2019. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

This case will now be closed. This site may be subject to further audit and recommendations in the future.

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

Signed:

Fish Health Inspector





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0169
 Date of Visit
 03/10/2019

 Site No
 FS0593
 Site Name
 Inch Kenneth

 Inspector
 Case No
 20190537

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.

On this occasion the water temperature was above 14 degrees centigrade, as such an inspection could not be carried out to meet the requirements of European Community Council Directive 2006/88/EC. A further inspection will be carried out later this year.

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.

Mortality records were inspected and found to be adequately maintained.

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

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 adequately maintained and implemented.

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, as amended, with respect to section 3 regarding parasites (sea lice), section 4A regarding fish farm management agreements and statements and section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory with regards to fish farm management agreements and statements and containment and escapes.

On this occasion a recommendation was issued in relation to parasites (sea lice):

 A record must be maintained of the reason for not conducting a weekly count of parasites in the event that such a count is not undertaken in any week.

Please ensure that these points have been addressed by 15/11/2019. Records or documentation demonstrating that this point has been addressed should be sent to the Fish Health Inspectorate (contact details below). The site may be subject to further inspection or enforcement action should the appropriate action regarding the above points not be taken within the time period stipulated.

Please contact myself or the duty inspector should you require any assistance or clarification in implementing any requirement or recommendation detailed in this report.

Signed:

Fish Health Inspector

Date: 15/10/2019

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0538			Date of visit: 04/10/2019
Time spent on site:	0 minutes	Main I	nspector:
Site No: FS0442 Business No: FB0197	Site Name: Business Name:	Moulin Pitlochry Angling Club	
Case Types: 1 REG	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 Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?		If yes, see addition	nal information/clinical score sheet. nal information/clinical score sheet. nal information/clinical score sheet.
UNI/REG only - if unable to carry			
	De-re	egistration inspection	

Site inspected as no longer in place, to be de-registered.

Case No:	2019-0538		Date of visit: 04/10/2019								
Site No:	FS0442	ı	Inspector:								
Results Summary	Freq.			Dat	te of Notificat	tion					
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
D 10											
Report Summary Case Type											
Case Type	Date	Insp	2 nd Insp								
No report											

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0539			Date of visit: 04/10/2019
Time spent on site:	0 minutes	Main Ir	nspector:
Site No: FS0443 Business No: FB0197	Site Name: Business Name:	Faskally Pitlochry Angling Club	
Case Types: 1 REG	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 Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		If yes, see addition	al information/clinical score sheet. al information/clinical score sheet. al information/clinical score sheet.
UNI/REG only - if unable to carry			
	De-re	egistration inspection	

Site inspected as no longer in place, to be de-registered.

Case No:	2019-0539			Date of visit:	04/10/2019						
Site No:	FS0443	l		Inspector:							
Results Summary	Freq.			Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
5											
Report Summary Case Type											
Case Type	Date	Insp	2 nd Insp								
No report											

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018								
Case No: 2019-0540			Date of visit: 03/10/2019								
Time spent on site:	1.5hrs	Main Ins	spector:								
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Far	ms Ltd								
Case Types: 1 MOV	23	4 5	6								
Water Temp (°C):	Thermometer No:		FHI 045 completed N								
Observations:	Region: ST	Water type: S	CoGP MA								
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	-	N If yes, see additiona	Il information/clinical score sheet. Il information/clinical score sheet. Il information/clinical score sheet.								
UNI/REG only - if unable to carry out intended visit detail reason below:											

16x 1.2 tonne bags of MED loaded onto a lorry for export to Cloughmore Shellfish, Ireland.

INTRA.GB.2019.0027.004 MD 19/121

Site inspected on 02/10/19, no issues found.

Inspection and paperwork completed by under supervision.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	ue: 08/10/201	18
Case No:	2019-0540		Site No:	SS0759					
Date of Visit:		03/10/2019			Inspector(s):]	
1. Business/site deta	ails summary		ite representa	ative?			Y N	7	
Site Details									
Total No facilities Species	MED	10 longlines	Facilities sto	cked	10	No facilitie	es inspected	10	
Age group No Fish	2018 10 lines								
Mean Fish Wt	10g ite)	No plan		Nevt Innut Da	ote (Site)	Natural se	ottlement		
·					1				
Recent (last 4 wks) of the second (last 4 wks) o	disease probl	ems?		N	Any escapes	(since last	visit)?	N	
Movement Records	s								
Movement record Date of last inspec	ls available for ction:						26/09/2019		Y
								N/	Υ /Α
5. Are records comp	olete and corre	ectly entered?	•					N/ N/	/A
_	nts carried out	• •		•	_				
•		•			Other (detail)			N/	/A
If other detail:	Empty shells	s drop to the se			ouio. (a.s,				
•	•			- be arrived on	-ita sinas las	t i en estion		N/	/A
	te of Visit: 03/10/2019 Inspector(s): gistration/Authorisation Details Business/site details summary checked by site representative? Changes made to details? to longlines Facilities stocked 10 No facilities inspected 10 e group 2018						N/	/A	
		• •		/reason:					
	n mortality du	ring period ch	ecked?					N/	/A
If yes, detail: 7. Have increased (u	inexplained)	mortalities ber	en reported to	vet or FHI?				N/	/A
If yes, detail action:					enter on morta	lity events	sheet	N/	
O. Have mortality of	CINS DCCITTO	ported to 1 111.	. Il lio, add ili	INT Case and c	STILL OF THORK	illy everile .	SHEEL.		

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

2. If yes, are results available for inspection?

If yes, detail (if not detailed under recent disease problems).

3. Any significant results?

Case No:	2019-0540			Date of visit:	03/10/2019			
Site No:	SS0759	l		Inspector:		l		
Results Summary	Freq.			Da	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary				1				
Report Summary Case Type	Date	Insp	2 nd Insp					
MOV	09/10/2019	шэр	2 insp					
IVIOV	09/10/2019							
	 							





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
 03/10/2019

 Site No
 SS0759
 Site Name
 Fearna

 Inspector
 Case No
 20190540

Inspection for placing on the market in the EU

Fish Health Inspector

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 19,200 kg of *Mytilus.edulis* for placing on the market in the Republic of 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:10/10/2019

FHI 059, Version 12		Issued by: FHI	Date	of issue: 08/10/2018								
Case No: 2019-0566			Date of visit:	03/10/2019								
Time spent on site:	5hrs	Mai	in Inspector:									
Site No: SS0002 Business No: SB0002	Site Name: Business Name:	Loch Fyne Loch Fyne Oysters L	Ltd									
Case Types: 1 ECI 2	2 DIA 3	4 5	6]								
Water Temp (°C): 14.8	Thermometer No:	T152	FHI 045 com	npleted N								
Observations:	Region: ST	Water type:	S CoGP MA	A								
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see addit	tional information/clinical tional information/clinical tional information/clinical	score sheet.								
UNI/REG only - if unable to carry	UNI/REG only - if unable to carry out intended visit detail reason below:											

Site is currently receiving oysters from Caledonia Oysters.

No grading has occurred since input (October 2018), so no mortality records available. Site representative informed us however, that he had observed an increase in mortalities across the site in the month of September which he attributed to an increase in rainfall in late August/early September, resulting in higher volumes of freshwater on site.

Empty shells were observed in trestles during the time of inspection, but no clinical signs of disease or gross pathology observed. Diagnostic samples taken due to the reported increase in mortalities on site.

Receiving stock from several sites around Scotland, Morcambe Bay and Guernsey for depuration. Incoming stock from these destinations are normally held in tanks onshore prior to depuration and harvest. However, an electrical fire at the shorebase has resulted in a pump failure, and the site is now storing this incoming stock on the foreshore near the sites own stock.

Incoming water to the depuration facility is run through a UV filter prior to circulation around the tanks. The water in the tanks is also run through a UV filter prior to discharge.

Inspection completed by under supervision. Samples collected by

FHI 059, Version 12	2		Issu	ed by: FHI			Date of issu	e: 08/10/201
Case No:	2019-0566		Site No:	SS0002				
Date of Visit:		03/10/2019	1		Inspector(s):]
Registration/Authoral Business/site det 2. Changes made to	ails summary		ite representa	ative?			Y N	}
Site Details								
Total No facilities		300	Facilities sto	cked	80	No facilities	s inspected	300
Species	CGI							
Age group	2018							
No Fish	60,000							
Mean Fish Wt	30g							
Next Fallow Date (S	Site)	No plan.		Next Input Da	ate (Site)	February 2	020	
`	,				•			
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last v	/isit)?	N
If yes, detail:						<u> </u>	,	•
Movement Record								
Movement record		r inspection?						\
Date of last inspendent							01/10/2018	
3. Are records com		•						N
Are movement re				•				N/A
Are records com	plete and corre	ectly entered?	?					N/A
Are health certific	cates for introd	ductions (outv	vith GB) availa	able?				1
Transport Records	s							
1. Are any moveme	nts carried ou	t by (or on be	half) of the bu	isiness (not us	ing a STB)?			
If yes, is there a sys					_			
Mortality Records			•					
Mortality records	available for i	nspection?						
2. How are mortaliti		•			Other (detail)	\		
If other detail:	Empty shells		d on the bear	ch	otrici (detail)	/		
3. Mortality records	complete and	correctly ent	ered?					N/A
4. Recent mortality	•			s stock has no	t been graded	since input	(October 20	
5. Evidence of rece	•	tvpical mortal		o otook nao no	r seen grade	· on roo mpac	(00.000.20	\ \
If yes, facility nos/no				/reason:				
Increased mortalitie	• •	•			of freshwater	on site due t	o increased	rainfall.
Figures not availab	_	•	*					
6. Any other peaks								N/A
If yes, detail:								
7. Have increased (unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality e	vents' been re	ported to FHI	? If no, add M	IRT case and e	enter on morta	lity events s	heet.	N/A

aquaculture animals held on site?

2. If yes, are results available for inspection?

If yes, detail (if not detailed under recent disease problems).

Records checked between:

Results of Surveillance

3. Any significant results?

If no. detail:

8. Have the biosecurity procedures been adequately implemented on site?

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

01/10/18 - 03/10/19

ili 009, version 12							153	ueu by.				
Case no:	2019-05	666	Site No:		SS0002	2		Date of Samplin		03/	10/2019	0
Priority samples:	VI	=	ВА		PA		MG	_	HI			
Time sampling starts/ends:	11:0	0:00	11:1	5:00	l	Inspecto	or:		l	VMD No	o.	
Environmental condit	ions: 1	Dry	2	Cloudy	3		4		5		l	
Summary samples	HIST		ва	Υ	MG	Υ	VI		PA		Total Sa	ample
dd Fish/Pools - click												
Pool/Fish No	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10		
Fish nos			3	4	5	6	7	8	9	10		
Pool Group												
Species	CGI	CGI	CGI	CGI	CGI	CGI	CGI	CGI	CGI	CGI		
Average weight	30g	30g	30g	30g	30g	30g	30g	30g	30g	30g		
Sex		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		
	Bay	Bay	Вау	Вау	Bay	Вау	Bay	ay	Bay	Bay		
		B		B	<u> </u>			B				
	Morcambe	Morcambe	Morcambe	Morcambe	Morcambe	Morcambe	Morcambe	Morcambe Bay	Morcambe	Morcambe		
	car	g	car	car	gar	car	Sar	car	car	g		
Stock Origin	<u>o</u>	<u>o</u>	lor	lor	<u>10</u>	lor	10	lor	<u>o</u>	<u> </u>		
Stock Origin Facility No				Row	Row		Row	Row	Row	Row		
					SM5,			SM5,	SM5,	SM5,		
	IFrame I	Frame	Frame	I⊨rame	I⊢rame	Frame	I⊢rame	l⊢rame	I⊨ram≏	I⊨rame		
Facility No.	_		Frame 6	Frame 6	Frame 6	Frame 6	Frame 6	Frame 6	Frame 6	Frame 6		

10/2019	0/2019 Additional Sample Information:													
Oysters collected in a plastic bag with wet seaweed.														
Total Tests assigned 3														

Date of issue: 08/10/2018 FHI 059, Version 12 Issued by: FHI Case Number: 2019-0566 Site No: SS0002 Date of Visit 03/10/2019 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen Yes No 25 Susceptible to Bonamia ostrea (OED) 0 Susceptible to Marteilia refringens (OED, MED) 0 3 Susceptible to OsHV (CGI) 0 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal 0 excursion 0 2 10 Live shellfish movements 0 1-2 >3 Frequency of movements on from equivalent MS O 5 10 Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 20 Number of suppliers 0 5 10 5 Movements off Frequency of movements off within MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 3 6 Areas 0 3 Number of destinations Secure Unsecure Management (effluent (no effluent treatment) practices None treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 Depuration of stock from other businesses sites within 0 2 6 MSS management area Depuration of stock from sites outwith MSS management 0 8 8 area Number of sites 2 or 3 > 4 **Biosecurity** Contacts with other Sites operating from single shorebase Sites sharing staff and equipment sites Yes No Disinfection of equipment between sites, use of footbaths etc 0 0

Total Risk

Case No:	2019-0566			Date of visit:	03/10/2019					
Site No:	SS0002	1		Inspector:]				
Results Summary	Freq.			Date of Notification						
,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
MG OHV	0/10	10/10/2019				14/11/2019				
MG OHV BA_VAES (IsoA)	6/6	06/11/2019				14/11/2019				
BA_VSPE (IsoB)	5/6	14/10/2019				14/11/2019				
							_			
Report Summary										
Case Type ECI DIA	Date	Insp	2 nd Insp							
ECI	09/10/2019									
DIA	14/11/2019									





Loch Fyne Oysters Ltd Clachan Ardkinglas Cairndow, Argyll PA26 8BL

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0002
 Date of Visit
 03/10/2019

 Site No
 SS0002
 Site Name
 Loch Fyne

 Inspector
 Case No
 20190566

Section 1: Summary

During a routine visit site staff reported increased mortalities and on inspection the presence of a number of empty shells in the trestle bags was observed. Ten shellfish were removed for diagnostic examination.

Vibrio aestuarianus was isolated in all six shellfish sampled. This bacterium is known to be a shellfish pathogen but the significance in the case is undeterminable. No significant pathology was observed by histological examination.

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

During a recent routine EC inspection at Loch Fyne SS0002 the site representative informed us that increased mortality levels had been observed at the site in September. The mortality had been attributed to increased rainfall in late August and early September resulting in high volumes of freshwater on the site. Empty shells were observed in the trestle bags during the inspection but no clinical signs of disease or gross pathology was observed. 10 Pacific oysters were removed for diagnostic examination.

<u>Samples</u>

Samples were collected from ten shellfish according to the table below:

Shellfish number	Facility number	Species	Stage	Origin
1-10	Row SM5 Frame 6	Crassostrea gigas	30g	Morecambe Bay

Results 8 4

Bacteriology: Haemolymph material from shellfish 1–6 was inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated;

Vibrio sp. – from five of the six shellfish sampled *Vibrio aestuarianus* – from all six shellfish sampled

DNA sequence analysis was performed on two *Vibrio* spp. colonies. The results showed one isolate to be *Vibrio* aestuarianus and the other to be *Vibrio* sp.

Virology: Tissue samples from all 10 shellfish were tested for segments of nucleic acid indicative of the presence of the pathogens specified below using real-time PCR (QPCR).

The samples tested negative for ostreid herpesvirus 1 µvar (OsHV-1 µvar)

Histology: Tissue samples of gill, mantle and digestive gland were taken from all ten shellfish. The tissue samples were fixed in Davidson's fixative. Histopathological examination revealed the following:

Small foci haemocytic infiltration in the vesicular connective tissue surrounding the stomach (F3, F4, F5 & F8).

Few ciliate (Ancistrocoma-like) within the digestive gland.

The oysters did not show any relevant pathology.

Signed:

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

Date: 14/11/2019





Loch Fyne Oysters Ltd Clachan Ardkinglas Cairndow, Argyll PA26 8BL

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0002
 Date of Visit
 03/10/2019

 Site No
 SS0002
 Site Name
 Loch Fyne

 Inspector
 Case No
 20190566

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. Samples were taken for diagnostic purposes. A separate report will be issued detailing the results of these tests.

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 found to be inadequately maintained.

Mortalities have been observed across the site and these were reported to the Fish Health Inspectorate. However, mortality records were not available for inspection as stock has not yet been graded.

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 inadequately maintained and implemented.

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

- Movements onto site were missing SS numbers and source site descriptions were inadequate. Discussed with site representative who has agreed to include SS numbers going forward. No further action required.
- Biosecurity measures plan required updating to include a statement with regards to receiving stock from out with Great Britain, with the inclusion of receiving health certificates with the stock where relevant. An updated BMP has since been submitted, no further action required.
- Import notification forms had not previously been completed/submitted. Site representative was issued an IMP2 notification form and was informed that this should be completed and submitted to the FHI prior to receiving any imports. No further action required.

Please contact myself or the duty inspector should you require any assistance or clarification in implementing any requirement or recommendation detailed in this report.

Date: 10/10/2019

Signed:

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

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0573			Date of visit: 03/10/2019
Time spent on site:	hours	Main Inspector	r:
Site No: FS1239 Business No: FB0544	Site Name: Business Name:	Grampian Scotland	
Case Types: 1 REP 2	2 DIA 3	4 5	6
Water Temp (°C): 8.5	Thermometer No:	T205	FHI 045 completed
Observations:	Region: GR	Water type: B	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see additional inform Y If yes, see additional inform Y If yes, see additional inform Y	nation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:	

Additional Case Information:

The FHI received a report from the River Dee DSFB, that a moribund fish had been discovered by fishing ghillies just outside of Aboyne (Jetty Pool) NO534982. The fish was placed in a keep net and was still alive when inspectors arrived and diagnostic samples were collected.

Sampling carried out by supervised by

FHI 059, Version 12			Issue	ed by: FHI			Date of issu	ie: 08/10/2018
Case No:	2019-0573		Site No:	FS1239				
Date of Visit:		03/10/2019			Inspector(s):]
Registration/Author 1. Business/site detai 2. Changes made to 0	ils summary o		te representa	itive?			N/A N/A	}
Site Details Total No facilities	·		Facilities sto	cked		No facilitie	s inspected	
	N/A		i aciiiles sto	ched		140 facilities	порескей	
Age group No Fish								
Mean Fish Wt								
Next Fallow Date (Site	e)			Next Input Da	ite (Site)			
Recent (last 4 wks) di	isease proble	ms?		N/A	Any escapes	(since last v	visit)?	N/A
If yes, detail:								
Movement Records								
Movement records		inspection?						N/A
2. Date of last inspect								_
3. Are records comple		•						
 Are movement reco Are records complete 								
6. Are health certification		•		ble?				
Transport Records		(, , , , , , , , , , , , , , , , , , , ,					
1. Are any movement	s carried out	by (or on beh	nalf) of the bu	siness (not usi	ing a STB)?			
If yes, is there a syste	em in place fo	r maintenand	e of transpor	tation records?	?			
Mortality Records								
1. Mortality records a	vailable for in	spection?						N/A
2. How are mortalities	disposed of	?						
If other detail:								
3. Mortality records co	•	correctly ente	red?					
4. Recent mortality (la	•							
5. Evidence of recent								
If yes, facility nos/no r	mortality per f	acility/no sto	ck per facility/	reason:				
6. Any other peaks in	mortality dur	ing pariod sh	ookod2					
If yes, detail:	mortality dur	ing period ch	ecked?					
7. Have increased (ur	nexplained) n	nortalities bea	en reported to	vet or FHI?				
If yes, detail action:		ioriamico pos	,,,,oponou to	101011111				•
8 Have 'mortality eve	nts' been rer	orted to FHI	If no ladd M	RT case and e	enter on morta	lity events s	heet	

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Recent treatments (last 4 wks)? If yes, detail: If other, detail:		N/A
2. Medicines records available for ins3. Are records complete and correctl4. Are fish in a withdrawal period?	•	
5. If yes, what treatment(s)?If other, detail:6. Are medicines stored appropriatel	y?	
	mortality removal, recording and safe disposa ch the APB will notify Scottish Ministers or vet	

	Case no:	2019-0	573	Site No:		FS123	9		Date of		03/	10/2019	03/
	Priority samples:	VI		ВА		PA		MG	Samplir	ig. HI		l	
	Time sampling starts/ends:	14:3	30:00	16:0	0:00		Inspecto	or:		l	VMD N	0.	0
	Environmental conditions:	1	Wet	2	Dry	3		4		5			
	Summary samples	HIST	Y	ВА	Υ	MG	Υ	VI	Υ	PA	Y	Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No	F1	P1										
	Fish nos	1	1										
	Pool Group	P1	P1										
	Species	SAL											
	Average weight	1.5000											
	Sex	Female											
	Water Type	FW											
ails		99											
)et	1	ت ا											
Stock Details	Stock Origin	River Dee											
toc	Stock Origin Facility No	~											
S	T domey 140												

10/2019	Addition	nal Sam	ple Infor	mation:										
	Suspected parasites collected from gills and body cavity. Molgen individual gill sample also taken.													
2	2 Total Tests assigned 14													

FHI 059, Version 12 Issued by: FHI Date of issue: 08/10/2018 Method of killing: Percussive Case no: Site No: FS1239 2019-0573 Inspector(s): Sheet Relevant: Y Date of visit: 03/10/2019 S for strong presence: M for medium presence: W for weak presence Fish Number 10 Time sampled after death (if > 45 minutes) External Signs Behaviour Moribund Lethargic Hanging vertical Spiralling Flashing Loss of equilibrium Body Dark Distended abdomen Scale Oedema Opercula Shortened Flared Haemorrhaging Throat Ventrum M Base of fins Elsewhere Eyes Exophthalmic Enophthalmic (sunken) Cataract Haemorrhagic Gills Pale W Zoned Necrotic Lesions Flank Elsewhere Vent Inflamed Trailing faeces Lice Load Estimate numbers Internal Signs Clear Ascites 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

W

М

Spleen

Body wall

Kidney

General

Swim bladder

Gut

Enlarged Granulomas

No food present Yellow pseudo-faeces External haem Internal haem

Haemorrhaging

Haemorrhaging Fluid filled

Swollen
Grey
Granular
Liquefied
Parasites present

Anaemia

Case no: 2019-0573

Date of visit: 03/10/2019

Date of visit.	03/10/201	3					
S for strong preser	nce: M for medium presence: W fo	ги					
Fish Number							
	er death (if > 45 minutes)						
External Signs							
Behaviour	Moribund						
	Lethargic						
	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						
	Enophthalmic (sunken)						
	Cataract						
	Haemorrhagic						
Gills	Pale						
	Zoned						
	Necrotic						
Lesions	Flank						
	Elsewhere						
Vent	Inflamed						
	Trailing faeces						
Lice Load	Estimate numbers						
Internal Signs							
Ascites	Clear						
	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						
Gut	No food present						
	Yellow pseudo-faeces						
	External haem						
	Internal haem						
Body wall	Haemorrhaging						
Swim bladder	Haemorrhaging						
	Fluid filled						
Kidney	Swollen						
	Grey						
	Granular						
	Liquefied						
General	Parasites present						
	Anaemia						

Additional comments:						
Parasites attached to the liver and spleen.	(samples take	en), some p	ootential p	parasites were	found on the	tips of the rear
gill tips, samples were taken for analysis.						

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Site No: FS1239
Case No: 2019-0573

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2019-0573			Date of visit:	03/10/2019			
Site No:	FS1239			Inspector:				
Results Summary	Freq.			Dat	te of Notificat	ion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Salmonicola salmonae - SASA	1/1	04/10/2019		04/10/2019		24/10/2019		
Anisakis simplex (ANIP)	1/1	04/10/2019		04/10/2019		24/10/2019		
AGD (AGDQ)	0/1	08/10/2019		n/a		24/10/2019		
IHN (IHNP)	0/1	08/10/2019		n/a		24/10/2019		
IPN (IPNM)	0/1	08/10/2019		n/a		24/10/2019		
ISA (ISAQ)	0/1	08/10/2019		n/a		24/10/2019		
Paranucleospora theridion (PNST)	0/1	08/10/2019		n/a		24/10/2019		
Salmon Gill Poxvirus (SPVP)	0/1	08/10/2019		n/a		24/10/2019		
VHS (VHSP)	0/1	08/10/2019		n/a		24/10/2019		
Salmonid alphavirus (SAV)	0/1	08/10/2019		n/a		24/10/2019		
GPAT	1/1	17/10/2019		17/10/2019		24/10/2019		
HPAT	1/1	17/10/2019		17/10/2019		24/10/2019		
SKIN	1/1	17/10/2019		17/10/2019		24/10/2019		
ANIH	1/1	17/10/2019		17/10/2019		24/10/2019		
CEST	1/1	17/10/2019		17/10/2019		24/10/2019		Ì
G. salaris	0/1	04/10/2019				24/10/2019		Ì
Report Summary								
Case Type	Date	Insp	2 nd Insp					
REP, DIA	24/10/2019	ШЭР	2 11130					





Dee District Salmon Fishery Board River Office Mill of Dinnet Aboyne Aberdeenshire AB34 5LA

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0544
 DATE OF VISIT
 03/10/2019

 SITE NO
 FS1239
 SITE NAME
 Grampian – River Dee

 INSPECTOR
 Case No
 20190573

Section 1: Summary

Following notification of the capture of one wild Atlantic salmon reported as being moribund on the River Dee, samples were collected for diagnostic purposes.

Histopathology examination revealed mild myositis and myocarditis. Some minor gill pathology was also noted as well as evidence of parasites.

Anisakis sp. were collected from the body cavity, and encysted Anisakis sp. larvae were identified in the musculature around the vent. Parasites collected from the gills were identified as Salmincola salmonea commonly referred to as salmon gill maggots.

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

Marine Scotland Science Fish Health Inspectorate was contacted by the Dee District Salmon Fishery Board on the 3rd October 2019 regarding a wild Atlantic salmon observed in the River Dee just outside of Aboyne near the Jetty Pool (NO534982). The fish was noted as being moribund and lethargic and was kept in a keep net at the river bank until inspectors arrived.

Externally the fish showed haemorrhaging on the ventral surface and very dark body colour. Internally a moderate level of free parasites were observed in the body cavity. The liver showed petechial haemorrhaging, the pyloric caeca showed a lack of fat and the spleen was slightly enlarged.

Samples

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

Fish number	Pool number	Species	Stage	Origin
F1	P1	Atlantic salmon	2.1+*	River Dee, near Aboyne

^{*} As determined by scale reading the fish spent 2 years in freshwater before smolting and going to sea. It then spent 1+ years at sea before returning to freshwater as a grilse.

Results

Bacteriology: Kidney, gill and spleen from F1 was inoculated onto appropriate media for the isolation of bacteria.

No significant bacteria were isolated.

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

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) and salmon gill poxvirus (SGPV).

A general screen was conducted on tissue samples to test for the presence of viral pathogens by cell culture. The result of this test was negative.

Parasitology: Fins were collected to determine the presence of *Gyrodactylus salaris* using light microscopy and molecular techniques (PCR).

No *G. salaris* parasites were detected in the samples examined.

Encysted Anisakis sp. larvae were collected from the body cavity and were also found in the musculature around the vent. One attached and one loose adult salmon gill maggot (*Salmincola salmonea*) were identified from gill tip samples.

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

The samples tested negative for Neoparamoeba perurans (AGD) and Paranucleospora theridion.

Histology: Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from F1. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination by light microscopy revealed the following:

<u>Gill:</u> Some interlamellar hyperplasia, mainly noted in the tips. A few individual foci of lamellar epithelial hyperplasia and fusion, some lamellar tip clubbing and cell debris among gill filament. Three lamellae displayed encysted Glochidia like.

<u>Skin and Muscle:</u> Three small foci of skeletal red fibre degeneration (shrunken fibres and increase in fibre eosinophilia) with associated inflammoatory cells. Focal pericarditis close to the junction atrium/ventricle.

Gut and pyloric caeca: Lack of abdominal adipose tissue. One Cestoda and Anisakis like parasite.

Pancreas: within normal range.

Liver: within normal range.

Kidney: within normal range.

Spleen: marked congestion.

Signed:

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

Date: 24/10/2019

2019-0573







FHI 059, Version 12		Issued by: FHI		Date of issue: 08/10/2018
Case No: 2019-0579				Date of visit: 08/10/2019
Time spent on site:	hr		Main Inspector	:
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mus	ssel Farms Ltd	
Case Types: 1 MOV 2	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 Clinical signs of disease observed Gross pathology observed?	•	N/A If yes, see a	dditional inforn	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
Diagnostic samples taken?				
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:		

Additional Case Information:

Export inspection. 15 x 1,200 kg bags (18 tonnes) of MED for export to Ireland inspected. Low level of fouling but majority of shells looking clean. Certificate INTRA.GB.2019.0027838 (MD19/123) signed and passed over to accompany consignment to final destination. No issues found and no hitchhiker species observed.

FHI 059, Version 12	•		Issue	ed by: FHI			Date of issu	ie: 08/10/2018
Case No:	2019-0579	Sit	te No:	SS0759				
Date of Visit:		08/10/2019			Inspector(s):]
Registration/Authornal 1. Business/site detaction 2. Changes made to	ails summary		representa	tive?			N N	}
Site Details								
Total No facilities		30 Fac	cilities stoc	ked		No facilities	s inspected	0
Species .	MED							
Age group	Mix							
No Fish								
Mean Fish Wt								
Next Fallow Date (S	ite)	no fallow planne	d	Next Input Dat	te (Site)	natural spa	at collection	
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last v	visit)?	N/A
If yes, detail:								
Movement Record	<u> </u>							
Movement record		r inspection?						Y
2. Date of last inspe							03/10/2019	
3. Are records comp		ectly entered?						Y
4. Are movement re		•	nd waste?					N/A
5. Are records comp	olete and corre	ectly entered?						N/A
6. Are health certific	ates for introd	luctions (outwith (GB) availa	ble?				N/A
Transport Records	;							
1. Are any movemen	nts carried ou	t by (or on behalf)) of the bu	siness (not usi	ng a STB)?			
If yes, is there a sys	tem in place f	or maintenance c	of transport	tation records?	?			
Mortality Records								
1. Mortality records	available for in	nspection?						Y
2. How are mortalities					Other (detail)			
		drop to seabed.						
3. Mortality records	•							Y
4. Recent mortality	`			mortalities sin	ce last inspec	tion		
5. Evidence of recei		• •						N
If yes, facility nos/no	mortality per	facility/no stock p	per facility/	reason:				
6. Any other peaks i	in mortality du	ring period check	ced?					l N
If yes, detail:	Tilloriani, aa	ing pones ones.	.cu.					
7. Have increased (unexplained)	mortalities been r	eported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	vents' been re	ported to FHI? If	no. add M	RT case and e	nter on morta	lity events s	heet.	N/A

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

Results of Surveillance

3. Any significant results?

2. If yes, are results available for inspection?

If yes, detail (if not detailed under recent disease problems).

Case No:	2019-0579	Date of visit: 08/10/2019						
Site No:	SS0759	Inspector:						
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
D								
Report Summary Case Type								
Case Type	Date	Insp	2 nd Insp					
MOV	12/10/2019							





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
 08/10/2019

 Site No
 SS0759
 Site Name
 Fearna

 Inspector
 Case No
 20190579

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 18,000 kg of *Mytilus.edulis* for placing on the market in the Republic of 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: 12/10/2019
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

FHI 059, Version 12		Issued by: FHI		Date of issue: 08/10/2018			
Case No: 2019-0580				Date of visit: 09/10/2019			
Time spent on site:	hr		Main Inspector	:			
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mus	ssel 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 Clinical signs of disease observed Gross pathology observed?	•	N/A If yes, see a	dditional inforn	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.			
Diagnostic samples taken?							
UNI/REG only - if unable to carry out intended visit detail reason below:							

Additional Case Information:

Export inspection. 16 x 1,200 kg bags of MED for export to Ireland inspected. Low level of fouling but majority of shells looking clean. Certificate INTRA.GB.2019.0028253 (MD19/124) signed and passed over to accompany consignment to final destination. No issues found and no hitchhiker species observed.

FHI 059, Version 12	Issu	ued by: FHI	Date of issue: 08/10/201	18
Case No: 20	19-0580 Site No:	SS0759		
Date of Visit:	09/10/2019	Inspector(s):		
Registration/Authorisa 1. Business/site details 2. Changes made to details	summary checked by site represent	ative?	N N	
Site Details Total No facilities Species Age group No Fish		ocked	No facilities inspected 0	
Mean Fish Wt				
Next Fallow Date (Site)	no fallow planned	Next Input Date (Site)	natural spat collection	
Recent (last 4 wks) dise	ase problems?	N Any escapes	s (since last visit)? N/A	
5. Are records complete	n: and correctly entered? ds available for dead fish and waste		03/10/2019 N/. N/.	Α
•	carried out by (or on behalf) of the b in place for maintenance of transpo			
3. Mortality records com	isposed of? npty shells drop to seabed. splete and correctly entered?	Other (detail		Y
	4 wks): No observer creased/atypical mortalities? ortality per facility/no stock per facility	d mortalities since last inspecty/reason:		N
	ortality during period checked?			N
7. Have increased (une) If yes, detail action:	xplained) mortalities been reported to some state of the second st		N/Ality events sheet.	

03/10/2019 - 09/10/2019

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

Results of Surveillance

3. Any significant results?

2. If yes, are results available for inspection?

If yes, detail (if not detailed under recent disease problems).

Records checked between:

Case No:	2019-0580			Date of visit	: 09/10/2019				
Site No:	SS0759	1		Inspector	· W.IM	1			
One No.	000733			mspecion	. VVOIVI	1			
Results Summary	Freq.	Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
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				1	1				
Report Summary									
Case Type	Date	Insp	2 nd Insp						
MOV	12/10/2019								





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
 09/10/2019

 Site No
 SS0759
 Site Name
 Fearna

 Inspector
 Case No
 20190580

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 19,200 kg of *Mytilus.edulis* for placing on the market in the Republic of 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: 12/10/2019
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