FHI 059, Version 12	Issu	ied by: FHI	Date of issue: 08/10/2018						
Case No: 2019-0273			Date of visit: 12/06/2019						
Time spent on site:	hours	Main Inspecto	or:						
Site No: FS1274 Business No: FB0125	Site Name: Business Name:	Kishorn West Scottish Sea Farms Ltd							
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD 5	6						
Water Temp (°C): 10.4	Thermometer No:	T146	FHI 045 completed N/A						
Observations:	Region: HI	Water type: S	CoGP MA M-19						
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 N									
UNI/REG only - if unable to carry	UNI/REG only - if unable to carry out intended visit detail reason below:								

MR; no FS numbers and poor descriptions of areas wrasse caught from. Agreed more info including FS number will be included in future.

Wrasse mortality ranging from 2.95% to 24% since input currently peaking at 0.24%/cage/wk. Mort levels initially high but mort number have reduced.

Current salmon mort levels; wk21 0.25%/site/week, wk22;0.88% (post treatment - thermolicer), wk23 0.2%, wk24 0.04%

Thermolicer treatment resulted in increased morts - reported Monday 15th April -21 April 1.29% - 4233.

Peak morts 11613/site/wk -post input (May 2018) so not reported.

Treatments; Slice - 24/2/19, paramove -11/12/18,

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0273		Site No:	FS1274				
Date of Visit:		12/06/2019	9		Inspector(s):]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y Y]
Site Details								
Total No facilities		10	Facilities sto	cked	10	No facilitie	s inspected	10
Species	sal	wrasse						
Age group	315000	wild						
No Fish	2018 Q2	7,000						
Mean Fish Wt	3.8 Kg	wild						
Next Fallow Date (S	ite)	Nov 2019		Next Input Da	te (Site)	Spring 202	20	
Recent (last 4 wks) (disease probl	ems?		N	Any escapes	(since last	visit)?	N
Movement Records								
		r inapportion?						Y
 Movement record Date of last inspect 		r inspection?					05/09/2017	'
3. Are records comp		ectly entered	?				03/03/2017	N
4. Are movement re		•		•				N/A
5. Are records comp								N/A
6. Are health certification		•		able?				N/A
Transport Records								
1. Are any movemer		t by (or on be	half) of the bu	ısiness (not usi	ing a STB)?			N
If yes, is there a syst				•	_			
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalitie	es disposed o	f?			Incinerated -	on site		
If other detail:								
3. Mortality records of	complete and	correctly ent	ered?					Y
Recent mortality (last 4 wks):		see addition	al info				
5. Evidence of recen	nt increased/a	typical morta	lities?					N
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:				
0. 4								.
Any other peaks in If yes, detail:			necked?					Y
7. Have increased (u	see addition		en reported to	vet or FHI2				N/A
If yes, detail action:	inexplained)	nortaintes be	cirreported to	Vet of T Til:				14//
8. Have 'mortality ev	ents' been re	ported to FH	? If no, add M	IRT case and e	enter on morta	lity events s	sheet.	Y

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Recent treatments (last 4 wks)?		Y
If yes, detail: T.M.S		
If other, detail:		
2. Medicines records available for inspec	ction?	Y
3. Are records complete and correctly er	ntered?	Y
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?	TMS	
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
1. Biosecurity records available for inspe	ection?	Y
2. Has the manner and frequency of mor	rtality removal, recording and safe disposal beer	n considered?
3. Has the manner and period in which the	he APB will notify Scottish Ministers or veterinar	y professional of any
increased (unexplained) mortality at the	•	Y
4. Has the action that will be taken in the	e event that the presence or suspicion of the pre	sence of a listed disease Y
is detected been included and how and	when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture a	animals being stocked on the farm site been cov	ered (equal or higher

•	ni 059, version 12							153	sueu by. i				
	Case no:	2019-02	273	Site No:		FS1274			Date of Samplin		12/0	06/2019	
	Priority samples:	VI		ВА		PA		MG		g. HI		1	
	Time sampling starts/ends:	16:0	0:00	17:0	0:00		Inspecto	or:			VMD No	o.	12
	Environmental conditions:	1	Sunny	2	Windy	3		4		5			
ı	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
	dd Fiab/Baala aliak												
_	dd Fish/Pools - click												
L	Pool/Fish No												
	Fish nos	1	2										
	Pool Group												
	Species	Sal	Sal										
	Average weight	3.5 Kg	3.5 Kg										
	Sex												
	Water Type	SW	SW										
Stock Details		2	4										

	Additional Sample Information:												
0	0 Total Tests assigned 0												

FHI 059, Version 12		Issued by: FHI	HI Date of issue				
Case Number:	2019-0273		Site No: FS1274 Insp:				
Date of Visit	12/06/2019		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	0	40	20	
эреско	Number of sup	ncluding third country	0			26 14	⊢
							_
Movements off	Frequency of n Number of des		0		6	10 10	10
Exposure via water	Number of des	Site contacts				10	
Water contacts with other	Farm is protect	ted (secure water supply through			0-10		
farms (holding species	disinfection or		0				
susceptible to same diseases)		or in a coastal zone with category I	1	,	4		
uiseases)		n or within 1 tidal excursion or in a coastal zone with category III	'	2	4		
		n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V					
	farms upstrean	n or within 1 tidal excursion	1	4	8		$\overline{}$
Management practices			None	Secure	Unsecure		
Water contacts with	Any processing	plant discharging into adjacent waters					
processors			0	1	2		0
On farm processing within	No on farm pro	cessing	0				0
the rules of the directive	Processing ow	n fish (re-cycling risk)	1				-
	Processing fish	n from MS of equivalent status	2	1			_
	_	n from zone or compartment of		1			_
	equivalent stat		4				
	Processing fish	n from Category III farm	8				
	Processing fish	n from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	1			0
products	Common proce	esses with other farms	3	1			-
	Collection poin	t for waste from other farms	5	1			_
lles of compositorois and founds	No fooding of	unu a cha cui a ad fa a d		J 1			
Use of unpasteurised feeds	Feeding unpas	Inpasteurised feed	0				0
Discounity.	reeding unpas	Number of sites	5] 2 or 3	≥ 4		
Biosecurity Contacts with other sites	Sites operating	from single shorebase					-
Contacts with other sites		taff and equipment	0		2		1
		tan and equipment	0	1	2		
Disinfection of equipment between sites, use of	Yes		0				
footbaths etc	No		1				1
CoGP/Regulator							
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				\vdash
code of practice				J			
Platform access to cages	Yes		0				0
	No		2				
					Total		18
					Rank		MEDIUM

Case No:	2019-0273	Site No: FS1274					
Sea Lice Inspection (S	••						
•	•	in the previous 4 years?	N				
		quivalent) fallowed synchronously on a single year class ba					
azamethiphos and ema can these be deployed	mectin benzoate) as in a reasonable period		trol measures, and				
 Is there a signed doo Management Area (or e 		ement agreement or statement relevant to the site and CoG	iP Farm Y				
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, C	oGP Annex 6) Y				
7. Are sea lice (<i>L. salme</i> records are inspected?		ow the suggested criteria for treatment in the CoGP during	the period that N				
8. Have average adult female sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or above during the period that records are inspected?							
If yes, have these been	reported to the Fish I	lealth 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? (CoG	P 4.3.81, 5.3.50) N				
•		stered or other actions taken when <i>L. salmonis levels</i> have longatus is considered to have welfare implications? (CoG					
11. Has any other actio	n been taken (where a	applicable)?	Y				
•	•	s taken had a significant impact upon the lice levels records	ed? Y				
•		out in cooperation between participating farms?	Y				
		where fewer populations or part populations are held without	ut treatment for				
15. Is there a site speci scenarios during the es		ment procedure with waypoints describing set actions to denfestation?	eal with recognised Y				
16. Do the sea lice leve	ls observed on stocks	reflect sea lice count data? If no please detail reasons.	Y				
Containment Inspection	on						
 Has the site experient 	iced equipment dama	ge due to predators in the current or previous production cy	cles?				
2. Are measures in plac	ce to mitigate against	he predation experienced on site? (Detail below)	Υ				
ADD, top nets.							
If other, detail below:							
,							
3. Have escape incider	nts or events been exp	erienced on or in the vicinity of the site since the last FHI in	nspection?				
If Yes proceed with que	stions 4 – 9. If No ski	to question 10					
4. Have these been rep	orted to Scottish Minis	iters?					
		rthwith (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 all note were deple	wed was this action a	greed with local wild fish interests and was permission giver	hy Scottish				
Ministers? (Legal, CoG	P – 4.4.38, 5.4.18)						
		mise the risk of further escapes? (Not covered in code but of	could				
be considered under	•	•					
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: 2019-0273	Site No: FS1274	
Date of Visit: 12/06/2019	Inspector:	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Y
If N, no further questions require compl	letion.	
Points of Compliance for Both Farm	Management Agreements and Statements	
3. Is the current FMAg/S available for in4. Does the FMAg/S identify the relevant5. Does the FMAg/S identify the fish fair	nt farm management area? rm site(s) to which it applies? f commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health Manag	gement	
farm?	um health standards for the stocks to be introduction requirements for stocks held in the area	
10. Does the FMAg/S identify the speci	ies of fish which may be stocked into the area mum stocking density of any pen on any farm	or farm?
12. Does the FMAg/S identify the arran fish farm in the area or the individual fa	ngements for the storage and disposal of any of arm?	dead 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 numb	ers and treatments?
14. Does the FMAg/S identify the available of statement?	ability and the use of medicines on farms cove	ered by the agreement
	irements for the sensitivity testing of available arms?	
16. Does the FMAg/S identify the circulused on farms in the area or individual	mstances under which biological controls and farms?	
17. Does the FMAg/S identify the arran	gements for synchronous treatments on farm	s within the area?
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or gements for the movement of live fish on and	

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 indi	ividual farms?
Fallowing		
21. Does the FMAg/S identify the dates by v		ow and the earliest Y
22. Does the FMAg/S identify whether one agreement or statement?	or more year classes may be stocked onto	sites covered by the Y
23. Does the FMAg/S identify whether brook covered by the agreement or statement?	dstock or potential broodstock are to be kep	pt on any site
Point of Compliance for Farm Manageme	ent Agreements Only	
24. Does the farm management agreement parties to the agreement?	t include arrangements for persons to become	me, or cease to be, N/A
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 t	the FMAg/S? 2018-20	

Site No: FS1274

Case No: 2019-0273

Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology

Case No:	2019-0273	Date of visit: 12/06/2019							
Site No:	FS1274	1		Inspector:		l			
Results Summary	Freq.			Da	te of Notifica	tion			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
	+								
Report Summary	T								
Report Summary Case Type	Date	Insp	2 nd Insp						
ECI, CNI, SLI, VMD	02/07/2019	шэр	z insp						
LOI, OIVI, OLI, VIVID	02/01/2010								





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 NoFB0125Date of Visit12/06/2019Site NoFS1274Site NameKishorn WestInspectorCase No20190273

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 found to be inadequately 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.

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

The source of salmon onto site as detailed in the movement records book could not always be ascertained. It was agreed with the site manager that future records will include the unique FS number. The source of wild wrasse inputs will also include the name of the area in which they were caught.

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 parasites, fish farm management agreements and statements and containment and escapes.

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

Signed: Fish Health Inspector

Date:02/07/2019

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: 2019-0282			Date of visit: 04/06/2019					
Time spent on site:	2 Hours	Main Inspecto	r:					
Site No: FS0590 Business No: FB0169	Site Name: Business Name:	Glenan Bay The Scottish Salmon Company	,					
Case Types: 1 REP	2 REG 3	4 5	6					
Water Temp (°C):	Thermometer No:		FHI 045 completed					
Observations:	Region: ST	Water type: S	CoGP MA M-42					
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:								

Recent mortality event in WK 20. This was caused by a hydrolicer sea lice treatment. Lice numbers have been low throughout the cycle, but there was a spike in pre adult numbers and it was decided to treat. Lice numbers have since came down and mortality levels have returned to normal.

Site is in the process of harvesting and will be fallow by the end of the month.

Mortality event in week 20 was reported as being caused by handling and transfer by the company, however site records attibuted this to post treatment losses. The mortality report has been updated to include post treatment as a cause.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	ie: 08/10/2018
Case No:	2019-0282		Site No:	FS0590				
Date of Visit:		04/06/2019)		Inspector(s):]
Registration/Autho	risation Deta	ails						
1. Business/site deta	•	checked by s	ite representa	ative?			Υ	
2. Changes made to	details?						N	
Site Details								
Total No facilities		14	Facilities sto	cked	9	No facilitie	s inspected	14
Species	SAL	WRA						
Age group	17 S0	MIX						
No Fish	129,139	12,000						
Mean Fish Wt	5.8 Kg	MIX						
Next Fallow Date (Si	ite)	July 2019		Next Input Da	ite (Site)	September	r 2019	
					1			
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	s (since last v	visit)?	N
If yes, detail:								
Movement Records	S							
1. Movement records	s available fo	r inspection?						Y
2. Date of last inspec							16/04/2019	
3. Are records comp		ectly entered?	?					Y
4. Are movement red								Y
5. Are records comp		•						Y
6. Are health certification	ates for introd	luctions (outw	vith GB) availa	able?				N/A
Transport Records								
1. Are any movemen		t by (or on be	half) of the bu	usiness (not us	ing a STB)?			Y
If yes, is there a syst			•	•	_			Y
Mortality Records								
Mortality records a	available for i	nspection?						Y
2. How are mortalitie		•			Whole fish -	Dundas Che	emicals	
If other detail:								
3. Mortality records of	complete and	correctly enter	ered?					Y
4. Recent mortality (last 4 wks):		WK22 - 1111 743 (0.56%)	1 (0.86%) WK	21 - 847 (0.6	5%) WK 20 -	1665 (1.27%	6) WK 19 -
5. Evidence of recen	•	typical mortal		11.12.12				Υ
If yes, facility nos/no		• •		/reason:				
WK20 - mortality ove	7 1	•						
6. Any other peaks in								N
If yes, detail:								
7. Have increased (u	inexplained)	mortalities be	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	IRT case and ϵ	enter on morta	ality events s	heet.	Y

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
1. Recent treatments (last 4 wks)? If yes, detail:		
2. Medicines records available for inspe	ection?	
3. Are records complete and correctly e		
4. Are fish in a withdrawal period?		
5. If yes, what treatment(s)?		·
f other, detail:		
6. Are medicines stored appropriately?		
3. Has the manner and period in which increased (unexplained) mortality at the 4. Has the action that will be taken in the s detected been included and how and 5. Has the health status of aquaculture health status, certification if required)?	ortality removal, recording and safe disposal beer the APB will notify Scottish Ministers or veterinar e site been included? e event that the presence or suspicion of the pred when that will be notified to Scottish Ministers? animals being stocked on the farm site been covered.	y professional of any sence of a listed disease rered (equal or higher
•	measures implemented between each epidemiol movement of staff, visitors, equipment, live or de	
7. Is documentation available regarding aquaculture animals held on site?	the measures in place to maintain the physical o	containment of
8. Have the biosecurity procedures bee f no, detail:	n adequately implemented on site?	
Results of Surveillance		

16/04/2019 - 04/06/2019

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?

FHI 059, Version 12		Issued by: FHI			Date o	of issue	: 08/10/2018
Case Number:	2019-0282		Site No:	FS0590		Insp:	
Date of Visit	04/06/2019		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	$\overline{}$
·	Number of sup	ncluding third country pliers	0		10	14	-
Movements off	Frequency of n		1 0	3	6	10	10
Wovernerits on	Number of des		0		6	10	3
Exposure via water		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 ow	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
	equivalent stat		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	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	inpasteurised feed	0	1			0
	Feeding unpas	teurised feed	5				ш
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		Το	1			0
between sites, use of footbaths etc	No		1				Н
CoGP/Regulator				J			
Practices in accordance	Yes		0	1			0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0	1			0
	No		2	1			
					Total Rank		22 MEDIUM

Case No:	2019-0282			Date of visit:	04/06/2019			
Site No:	FS0590	l		Inspector:		l		
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	2 nd Insp	
							Insp	
						-		
					-			
Report Summary				1				
Case Type REG, REP	Date	Insp	2 nd Insp					
REG, REP								





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
 04/06/2019

 Site No
 FS0590
 Site Name
 Glenan Bay

 Inspector
 Case No
 20190282

The above site was inspected following the report of a mortality event by The Scottish Salmon Company.

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

The surveillance frequency category of the site was assessed as medium. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every second year. The category of the site will be reassessed on a routine basis and updated as required.

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated. The following records were also inspected to ensure that the conditions of authorisation for your Aquaculture Production Business (APB) are being met:

Aquaculture animal and aquaculture animal product movement records were inspected and appeared to be adequately maintained.

Records in relation to aquaculture animals transported by the business were inspected and found to be adequately maintained.

Mortality records were inspected and found to be adequately maintained. Mortality levels had exceeded the reporting criteria since the last inspection and had been reported to the Fish Health Inspectorate as required.

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



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/FHl/charter

Date: 11/06/2019

FHI 059, Version 12	Is	sued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0283			Date of visit: 04/06/2019
Time spent on site:	3.5 hours	Main Inspecto	r:
Site No: FS0767 Business No: FB0169	Site Name: Business Name:	Tarbert South The Scottish Salmon Company	/
Case Types: 1 REP	2 VMD 3 REG	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA M-42
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional inform	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG only - if unable to car	ry out intended visit detail re	eason below:	

Recent mortality event due to treatments. Treated alternate weeks. Cage 11 has had higher mortality (2%) (suspected CMS) and if this continues then the cage will be harvested out.

Mortality levels are still high, although there are low numbers of fish left on site. WK 21 and 22 are above the reporting threshold. Company reported 07/06/2019

Lice numbers are between 1-2 for the majority of the cycle - 18/11/18 - 3 (reported to FHI)

Very little recent wrasse mortality.

VMD fish appeared healthy when opened.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	ie: 08/10/2018
Case No:	2019-0283		Site No:	FS0767				
Date of Visit:		04/06/2019	,		Inspector(s):]
Registration/Autho 1. Business/site deta	ails summary		ite representa	ative?			Υ]
2. Changes made to	details?						Y]
Site Details								
Total No facilities		14	Facilities sto	cked	4	No facilitie	s inspected	14
Species	SAL	WRA						
Age group	17 S0	Mix						
No Fish	42,568	<1000						
Mean Fish Wt	5.592 Kg	Mix						
Next Fallow Date (Si	ite)	July 2019		Next Input Da	ite (Site)	Sept 2019		
Decent (last 4 wks)	diagage probl	2		V	Any occanou	- (since last)	· ::a;#\2	N
Recent (last 4 wks) of If yes, detail:	Grumbling C				Any escapes	s (Since last	VISIL) !	IN
Movement Records								
		r increation?						V
 Movement records Date of last inspect 		r inspection:					21/03/2018	
Are records comp		ectly entered	,				21/03/2010	Y
4. Are movement red								Ÿ
5. Are records comp								Y
6. Are health certification		•		able?				Y
Transport Records								
1. Are any movemen		t by (or on be	half) of the bu	isiness (not us	ing a STB)?			N
If yes, is there a syst			•	•	_			
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalitie	s disposed o	f?			Whole fish -	Dundas Che	emicals	
If other detail:								
3. Mortality records of	complete and	correctly ento						Y
4. Recent mortality (last 4 wks):		WK 22 - 169 (0.52%) acro	98 (3.99%) WK oss the site	21 655 (1.54	%) WK 20 -	795 (1.77%)	WK 19 - 238
5. Evidence of recen	it increased/a	typical mortal	lities?					Y
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:				
Increased mortality f				nbling CMS ma	ainly affecting	cage 11.		
6. Any other peaks in	n mortality du	ring period ch	necked?					N
If yes, detail:								
7. Have increased (u	inexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:			- 11 11 11 11 11 11 11 11 11 11 11 11 11					
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	IRT case and e	enter on morta	ality events s	sheet.	Y

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Recent treatments (last 4 wks)?		Y
If yes, detail: T.M.S	ò.	
If other, detail:		
2. Medicines records available for inspe	ction?	Y
3. Are records complete and correctly e	ntered?	Y
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?	T.M.S.	
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
1. Biosecurity records available for inspe	ection?	
2. Has the manner and frequency of mo	rtality removal, recording and safe disposal bee	en considered?
3. Has the manner and period in which	the APB will notify Scottish Ministers or veterina	ary professional of any
increased (unexplained) mortality at the	•	· ·
, , , , , , , , , , , , , , , , , , , ,		

4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease

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

6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise

transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?

7. Is documentation available regarding the measures in place to maintain the physical containment of

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

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

health status, certification if required)?

aquaculture animals held on site?

Results of Surveillance

If no. detail:

	11 059, VEISION 12							155	ueu by. r	111			
	Case no:	2019-02	283	Site No:		FS0767			Date of v		04/0	06/2019	
	Priority samples:	VI		ВА		PA		MG		y. HI		1	
	Time sampling starts/ends:	15:0	0:00	16:0	0:00		Inspecto	or:			VMD No	o.	8
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	F1											
Г	Pool Group	P1											
	Species	SAL											
	Average weight	5.592 K	g										
	Sex	N/A											
	Water Type	SW											
ock Defails		andcatch, Ormsary											
Sto		4											

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

FHI 059, Version 12		Issued by: FHI				Date o	of issue	: 08/10/2018
Case Number:	2019-0283		Site	No:	FS0767		Insp:	
Date of Visit	04/06/2019		No	of mo	vements/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	
with GB) of susceptible species		novements on from equivalent zone	or	0	9	18	26	П
·	Number of sup	ncluding third country pliers		0	5	10	14	-
Movements off	Frequency of m		+	0	3	6	10	10
Wovernerits on	Number of des			0	3	6	10	3
Exposure via water		Site conta	acts	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 in or within 1 tidal excursion		1	2	4		2
	farms upstream	or in a coastal zone with category or or within 1 tidal excursion		1	3	6		ш
		or in a coastal zone with category to rwithin 1 tidal excursion	V	1	4	8		ш
Management practices			Non	ne	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent wa	ters	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	from MS of equivalent status		2				
	equivalent statu			4				
		r from Category III farm		8				
	Processing fish	n 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				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed		0				=
	Feeding unpas	teurised feed		5				ш
Biosecurity		Number of s	ites	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		Т	0				0
between sites, use of footbaths etc	No			1				Н
CoGP/Regulator								
Practices in accordance	Yes		T	0				0
with regulator or industry code of practice	No			3				
Platform access to cages	Yes		T	0				0
	No			2				
						Total Rank		24 MEDIUM

Case No:	2019-0283			Date of visit:	04/06/2019			
Site No:	FS0767	l		Inspector:		ı		
Results Summary	Freq.			Da	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Poport Summan								
Report Summary Case Type	D-t-	I	and .					
Case Type	Date	Insp	2 nd Insp					
REG/REP/VMD	18/06/2019							





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 04/06/2019
Site No FS0767 Site Name Tarbert South
INSPECTOR Case No 20190283

The above site was inspected following the report of a mortality event by The Scottish Salmon Company.

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

The 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.

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.

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



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/FHl/charter

Date: 18/06/2019

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0284			Date of visit: 05/06/2019
Time spent on site:	hours	Main Insp	pector:
Site No: FS0663 Business No: FB0125	Site Name: Business Name:	Kerrera B Scottish Sea Farms Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 10.4	Thermometer No:	Site	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA M-36
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail	l reason below:	

There has been some minor issues with deformities in farmed wrasse stock from Machrihanish, although overall they are performing well.

CMS has been confirmed on site in cages 5 and 6. There was also a positive result in cage 4, although the CT value for this was low (~30)

Overall the site and fish are in good condition and VMD fish seemed healthy when opened.

Wrasse mortality - 160 - 176 across the site per week.

Stock received from Lough Alton, Ireland - original health certificates present on site.

The site incinerates its own fish waste on the barge, and is not used as a collection point/common practices with other farms.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0284		Site No:	FS0663	3			
Date of Visit:		05/06/201	9		Inspector(s):]
Registration/Autho	risation Deta	ails						
1. Business/site deta	ails summary	checked by	site representa	ative?			Υ	
2. Changes made to	details?						N]
Site Details			_			_		
Total No facilities		10	Facilities sto	cked	9	No facilitie	s inspected	10
Species	SAL	WRA						
Age group	18 S1	MIX						
No Fish	236,577	12,000						
Mean Fish Wt	4.460 KG	MIX						
Next Fallow Date (S	ite)	September	2019	Next Input Da	ate (Site)	April 2020		
Recent (last 4 wks)	disease nrohl	eme?		Y	Any escapes	(since last	vieit\2	N
If yes, detail:	See addition				Arry escapes	(SITICE IASI	visit):	IN
		ai comments	,					
Movement Records	S							
1. Movement record	s available fo	r inspection?	•					Y
Date of last inspe							13/11/2018	
Are records comp		•						Y
4. Are movement re				•				N/A
5. Are records comp		•						N/A
6. Are health certific	ates for introd	luctions (out	with GB) availa	able?				Y
Transport Records	;							
1. Are any movemen			•		_			N
If yes, is there a sys	tem in place f	or maintenar	nce of transpo	rtation records	?			
Mortality Records								
1. Mortality records	available for i	nspection?						Y
2. How are mortalitie	es disposed o	f?			Incinerated -	on site		
If other detail:								
3. Mortality records	complete and	correctly en						Y
4. Recent mortality (lact / wke)		WK 23 - 142 (0.13%) acro	2 (0.06%) WK 2	22 - 379 (0.16)	%) WK 21 -	284 (0.12%)	WK 20 - 309
5. Evidence of recer		typical morts		JSS life Site.				N
If yes, facility nos/no		• •		/reason:				IN
ii yes, lacility 1105/110	mortality per	racility/110 St	ock per facility	ricason.				
6. Any other peaks i	n mortality du	ring period c	hecked?					N
If yes, detail:		J						
7. Have increased (u	inexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FH	I? If no, add M	IRT case and e	enter on morta	lity events s	sheet.	N/A

2. Medicines records available for inspection?	Y
Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	· ·
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	1
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any increased (unexplained) mortality at the site been included?	
increased (unexplained) mortality at the site been included?	'
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	1
ileanii status, cerunicanori ii requireu):	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
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	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
- W 60 '''	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	Y
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 13/11/2018 - 04/06/2019	

FITI 059, VEISIOII 12							155	ueu by. r	111			
Case no:	2019-02	84 S	ite No:		FS0663			Date of v		05/0	06/2019	05/0
Priority samples:	VI	=	ВА	=	PA	=	MG		y. HI			
Time sampling starts/ends:	13:30	0:00	14:30	0:00		Inspecto	or:			VMD No	o. [13
Environmental conditions:	1	Wet	2	Cloudy	3	Windy	4		5			
Summary samples	HIST	В	A		MG		VI		PA		Total Sa	mples
Add Fish/Pools - click												
Pool/Fish No												
Fish nos	F1											$\overline{}$
Pool Group												
Species	SAL											
Average weight	4.5 Kg											
Sex	N/A											
Water Type	SW											
Stock Origin Facility No												
த் Facility No	9											

06/2019 Additional Sample Information:													
0	1	Total To	ests ass	igned	0								

FHI 059, Version 12		Issued by: F	HI			Date o	of issue	: 08/10/2018
Case Number:	2019-0284			Site No:	FS0663		Insp:	
Date of Visit	05/06/2019			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 l	MS	0	5	10	14	5
with GB) of susceptible species		novements on from equivalent a noluding third country	zone or	0	9	18	26	
	Number of sup			0	5	10	14	5
Movements off	Frequency of m	novements off		0	3	6	10	10
	Number of des			0	3	6	10	3
Exposure via water		Site o	contacts	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 categ n or within 1 tidal excursion		1	2	4		4
	farms upstream	or in a coastal zone with category or within 1 tidal excursion		1	3	6		ш
		or in a coastal zone with categ n or within 1 tidal excursion	gory ∨	1	4	8		Ш
Management practices				None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacer	nt waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro	cessing		0				0
	Processing own	n fish (re-cycling risk)		1				\Box
	Processing fish	from MS of equivalent status		2				ш
	Processing fish equivalent state	from zone or compartment of us		4				
		from Category III farm		8				
	Processing fish	from Category ∨ farm		10				
Disposal of fish and fish by-	Site's own was	te only processed.		0				0
products	Common proce	esses with other farms		3				ш
	Collection poin	t for waste from other farms		5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed		0				0
	Feeding unpas	•		5				Н
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				H
CoGP/Regulator								
Practices in accordance	Yes			0				0
with regulator or industry code of practice	No			3				
Platform access to cages	Yes			0				0
	No			2				
						Total Rank		30 HIGH

Case No:	2019-0284	Site No:	S0663	
Sea Lice Inspection (S	• •			
•	•	in the previous 4 years?		N
2. Is the CoGP Farm Ma	anagement Area (or e	quivalent) fallowed synchronously on a single yea	r class basis?	Y
azamethiphos and ema can these be deployed	mectin benzoate) as in a reasonable period		nical control measures, and	Y
Management Area (or e	equivalent)?	ement agreement or statement relevant to the site	and CoGP Farm	Y
5. Are sea lice count re	cords available for ins	pection? (Legal SSI, CoGP Annex 6)		Y
6. Do records adequate	ly reflect the required	standard specified in the SSI and the CoGP? (Leg	gal SSI, CoGP Annex 6)	Y
7. Are sea lice (<i>L. salme</i> records are inspected?		ow the suggested criteria for treatment in the CoG	P during the period that	Y
8. Have average adult f records are inspected?	· ·	nonis) numbers per fish been at a level of 3 or abo	ove during the period that	N
If yes, have these been	reported to the Fish H	ealth Inspectorate? If no, FHI see comment.	l l	N/A
9. Is <i>C. elongatus</i> infes	tation at a level which	is considered to cause significant welfare problem	ns? (CoGP 4.3.81, 5.3.50)	N
		stered or other actions taken when <i>L. salmonis levelongatus</i> is considered to have welfare implication		N/A
11. Has any other action	n been taken (where a	pplicable)?		Y
•	•	 s taken had a significant impact upon the lice leve	ls recorded?	Y
		out in cooperation between participating farms?		Y
		where fewer populations or part populations are h	eld without treatment for	Y
15. Is there a site speci- scenarios during the es		ment procedure with waypoints describing set actinfestation?	ions to deal with recognised	Y
16. Do the sea lice leve	ls observed on stocks	reflect sea lice count data? If no please detail rea	sons.	Y
Containment Inspection	on			
 Has the site experien 	ced equipment dama	e due to predators in the current or previous prod	luction cycles?	N
2. Are measures in plac	ce to mitigate against t	ne predation experienced on site? (Detail below)		Y
If other, detail below:				
ADD MML TOPNETS S	EAL BLIND TENSION	ED NETS		
Have escape incider	nts or events been exp	erienced on or in the vicinity of the site since the l	ast FHI inspection?	N
If Yes proceed with que	stions 4 – 9. If No skip	to question 10		
4. Have these been rep	orted to Scottish Minis	ters?		
5. Have these been rep	orted to local DSFB fo	rthwith (where they exist)? (CoGP - 4.4.37, 5.4.1	7)	
6. Have these been rep	orted to the SSPO an	I 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		
O If all note were deal-	wod was this satisfact	road with local wild fish interacts and was a service	cion divon by Coettish	
Ministers? (Legal, CoG	P – 4.4.38, 5.4.18)	reed with local wild fish interests and was permiss		
		mise the risk of further escapes? (Not covered in c	code but could	
be considered under	•			
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: 2019-0284	Site No: FS0663	
Date of Visit: 05/06/2019	Inspector:	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Y
If N, no further questions require compl	etion.	
Points of Compliance for Both Farm	Management Agreements and Statements	
3. Is the current FMAg/S available for ir4. Does the FMAg/S identify the relevant5. Does the FMAg/S identify the fish far	nt farm management area? rm site(s) to which it applies? f commencement of the agreement or stateme	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	uced to the area or Y
10. Does the FMAg/S identify the speci	ation requirements for stocks held in the area of les 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 arrangement	nents for the sharing of data on sea lice numbe	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 t	
	mstances under which biological controls and o	cleaner fish are to be
	gements for synchronous treatments on farms	within the area?
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or i	

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Harvesting		
20. Does the FMAg/S identify acceptable h	harvest practices on farms in the area or indi	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 fallo	ow and the earliest Y
22. Does the FMAg/S identify whether one agreement or statement?	e or more year classes may be stocked onto s	sites covered by the Y
23. Does the FMAg/S identify whether brockovered by the agreement or statement?	odstock or potential broodstock are to be kep	ot on any site
Point of Compliance for Farm Managen	nent Agreements Only	
24. Does the farm management agreemer parties to the agreement?	nt include arrangements for persons to becor	me, or cease to be,
Management and operation		
25. Is the fish farm being managed and op	perated in accordance with the agreement or	statement?
26. What is the version no/date of issue of	f the FMAg/S? 29/03/2018	

Case No:	2019-0284	Date of visit: 05/06/2019							
Site No:	FS0663	l		Inspector:		l			
Results Summary	Freq.	Date of Notification							
		Database	Insp		Insp	Writing	Insp	2 nd Insp	
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Report Summary									
Case Type	Date	Insp	2 nd Insp						
ECI, CNI, SLI, VMD	17/06/2019		2 IIISP						
	1170072010								
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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
 Date of Visit
 05/06/2019

 Site No
 FS0663
 Site Name
 Kerrera B

 Inspector
 Case No
 20190284

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.

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 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: 17/06/2019

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0287			Date of visit: 04/03/2019
Time spent on site:	hour	Main Inspecto	or:
Site No: FS1240 Business No: FB0544	Site Name: Business Name:	Highland Scotland	
Case Types: 1 DIA	2 3	4 5	6
Water Temp (°C): N/A	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: B	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see additional infor	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:	

Additional Case Information:

	Case no:	2019-02	287	Site No:		FS1240			Date of		04/	03/2019	04/0
	Priority samples:	VI		ВА		PA		MG	Samplin	ng: HI			
	Time sampling starts/ends:	14:0	00:00	14:3	0:00		Inspecto	or:		ı	VMD No	o.	0
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST	Υ	ВА	Υ	MG	Υ	VI	Υ	PA	Υ	Total Sa	amples
A	dd Fish/Pools - click												
П	Pool/Fish No	F1	P1										
	Fish nos	1	1										
	Pool Group	P1	P1										
	Species	SAL	SAL										
	Average weight		4.6000										
	Sex	N/A	N/A										
	Water Type	FW	FW										
		<u>a</u>											
		ada											
ails		a∰											
Details	1	Ī											
		River Halladale											
Stock	Stock Origin												
S	Facility No	N/A											

06/2019 Additional Sample Information:													
Parasitology samples - Vent and pectoral fin stored in separate 100% ethanol tubes.													
2	2 Total Tests assigned 5												

FHI 059, Version 12 Issued by: FHI Date of issue: 08/10/2018 Method of killing: Percussive Case no: FS1240 2019-0287 Site No: Inspector(s): Sheet Relevant: Y Date of visit: 04/03/2019 S for strong presence: M for medium presence: W for weak presence 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 m Base of fins Elsewhere Eyes Exophthalmic Enophthalmic (sunken) Cataract Haemorrhagic Gills Pale Zoned Necrotic Lesions Flank Elsewhere Vent m 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 W Tubules mauve Lack of fat Spleen Enlarged w Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled

Kidney

General

Swollen
Grey
Granular
Liquefied
Parasites present

Anaemia

Case no: 2019-0287

Date of visit: 04/03/2019

Date of visit.	04/03/201	3					
S for strong preser	nce: M for medium presence: W fo	гv					
Fish Number	The second secon						
	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						
Didanis	Lesions						
Pyloric caeca	Petechial haem						
	Tubules mauve						
Coloor	Lack of fat						
Spleen	Enlarged Granulomas						
Gut							
Gut	No food present Yellow pseudo-faeces						
	External haem						
	Internal haem						
Body wall							
Swim bladder	Haemorrhaging Haemorrhaging						
Swiiii biaudei	Fluid filled						
Kidney	Swollen						
Kidney	Grey						
	Granular						
	Liquefied						
General	Parasites present						
General	Anaemia						
	Allacilla						

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Additional comments:		
Seal damage beneath pectoral fin.		

Case No:	2019-0287			Date of visit:	04/03/2019			
743C 140.	2013-0201			Date of visit.	3 7 /03/2013	1		
Site No:	FS1240	_		Inspector:]		
Results Summary	Freq.	т —		Da	te of Notifica	tion		
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MG_IHN	0/1	10/06/2019		10/06/2019		18/07/2019		
MG_IPN	0/1	10/06/2019		10/06/2019		18/07/2019		
MG_SAV	0/1	10/06/2019		10/06/2019		18/07/2019		
MG_VHS	0/1	10/06/2019		10/06/2019		18/07/2019		
MG_ISA	0/1	11/06/2019		11/06/2019		18/07/2019		
MG PMCV, PRV	0/1	04/07/2019		11/07/2019		18/07/2019		
PA_GS	0/1	18/07/2019		18/07/2019		18/07/2019		
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Report Summary				1				
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Case Type	Date	Insp	2 nd Insp	4				
DIA	18/07/201	9						
			1	1				





River Halladale Bailiffs Sunnyside Portskerra Melvich **KW147YL**

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No FB0544 SITE NO FS1240 INSPECTOR

DATE OF VISIT 04/06/2019 SITE NAME

Highland - River Halladale

CASE NO 20190287

Section 1: Summary

Following a report of increased wild Atlantic salmon mortalities from the River Helmsdale District Fisheries Board on the 31st May 2019, Fish Health Inspectors visited the river to conduct diagnostic sampling. While sampling fish from the River Helmsdale, a fish with evidence of haemorrhaging/physical damage along the belly was removed from the River Halladale by the local bailiff and taken to the inspectors for sampling.

Histopathology examination revealed no significant pathology. Cestoda parasites were observed in the intestinal lumen but are known to live commensally. Myxosporidiosis was observed in the kidnev and is likely incidental.

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

While conducting a diagnostic examination, following reports of increased mortality in wild Atlantic salmon at the river Helmsdale, a fish caught in the River Halladale (upper) was received by the inspectors from the Halladale bailiff with a request for diagnostic sampling. The fish was rodcaught but showed signs of haemorrhaging/physical damage along the belly and around the vent. There was also some predator damage visible below the pectoral fin.

Externally, haemorrhaging was observed along the ventral surface and at the base of the fins. The vent was also inflamed.

Internally, mild petechial haemorrhaging was observed in the pyloric caeca and the spleen was slightly enlarged. No food was present in the gut.

R09

Samples

Samples were collected from according to the table below:

Fish number	Pool number	Species	Stage	Origin
F1	P1	Atlantic salmon	3.6kg	River Halladale

Results

Bacteriology: Kidney, gill, spleen and lesion material 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), viral haemorrhagic septicemia virus (VHSV), piscine reovirus (PRV) and piscine myocarditis virus (PMCV).

Parasitology: Fins were collected to determine the presence of *Gyrodactylus salaris* using light microscopy.

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

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 revealed the following:

- <u>Gill</u>: Some lamellar tip clubbing noted and free blood among gill filament (likely associated with percussive stunning method).
- Skin & Muscle: Within normal range.
- Heart: Within normal range.
- Gut and pyloric caeca: Two Cestoda plerocercoid within the intestinal lumen.
- Pancreas: Within normal range.
- <u>Liver</u>: Within normal range.
- <u>Kidney</u>: Low intensity focal intratubular myxosporidiosis. Host response absent.
- Spleen: Within normal range.



Date: 18/07/2019

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



F1 – Seal damage beneath pectoral fin



F1 – skin and muscle histology sample already taken.



F1

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0288			Date of visit: 04/06/2019
Time spent on site:	hour	Main Inspecto	or:
Site No: FS1240 Business No: FB0544	Site Name: Business Name:	Highland Scotland	
Case Types: 1 DIA	2 3	4 5	6
Water Temp (°C): N/A	Thermometer No:		FHI 045 completed
Observations:	Region: HI	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 infor	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:	

Additional Case Information:

During inspection at River Helmsdale (2019-0212) following report from DSFB of increased mortality, a wild atlantic salmon was brought to the Helmsdale DSFB hatchery from the River Naver by the Naver bailiff. The fish was rod caught on 03/06/2019 and transported to the Helmsdale hatchery in an oxygenated tank. The fish had signs of haemhorraging/physical damage on belly and around vent. The fish was caught at Beat 1 of the River Naver. Diagnostic samples were taken, the fish was dispatched immediately before sampling took place.

Sampling carried out by supervised by Casesheet completed by

11 000, VC131011 12							153	aca by.				
Case no:	2019-02	288	Site No:		FS1240					04/0	06/2019	04/0
Priority samples:	VI		ВА		PA		MG					
Time sampling starts/ends:	14:4	0:00	15:1	0:00		Inspecto	or:			VMD No	o. 	0
Environmental conditions:	1	Indoors	2		3		4		5			
Summary samples	HIST	Υ	ВА	Υ	MG	Υ	VI	Υ	PA	Υ	Total Sa	mples
dd Fish/Pools - click												
Pool/Fish No	F1	P1										
Fish nos	1	1										
Pool Group	P1	P1										
	SAL	SAL										
	3.0000	4.0000										
Sex	N/A	N/A										
Water Type	FW	FW										
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Stock Origin	Z. Š	\ ≥.										
Facility No	N/A	N/A										
	Case no: Priority samples: Time sampling starts/ends: Environmental conditions: Summary samples dd Fish/Pools - click Pool/Fish No Fish nos Pool Group Species Average weight Sex Water Type Stock Origin	Priority samples: Time sampling starts/ends: Environmental conditions: 1 Summary samples HIST dd Fish/Pools - click Pool/Fish No F1 Fish nos 1 Pool Group P1 Species SAL Average weight 3.0000 Sex N/A Water Type FW	Case no: Priority samples: VI Time sampling starts/ends: Environmental conditions: Summary samples HIST Y dd Fish/Pools - click Pool/Fish No F1 P1 Fish nos 1 1 Pool Group P1 P1 Species SAL SAL Average weight 3.0000 4.0000 Sex N/A N/A Water Type VI 14:40:00 1 Indoors Y Diagram of the priority samples of the priority starts of the priority starts of the priority starts of the priority starts of the priority samples of the priority starts of the	Case no: Priority samples: VI BA Time sampling 14:40:00 15:1 starts/ends: Environmental conditions: 1 Indoors 2 Summary samples HIST Y BA dd Fish/Pools - click Pool/Fish No F1 P1 Fish nos 1 1 Pool Group P1 P1 Species SAL SAL Average weight 3.0000 4.0000 Sex N/A N/A Water Type FW FW	Case no: 2019-0288 Site No: Priority samples: VI BA Time sampling starts/ends: 14:40:00 15:10:00 Environmental conditions: 1 Indoors 2 Summary samples HIST Y BA Y dd Fish/Pools - click F1 P1 P1 P1 P1 P2 P2 P3 <	Priority samples: VI	Priority samples: VI	Case no: 2019-0288 Site No: FS1240 Priority samples: VI BA PA MG Time sampling starts/ends: 14:40:00 15:10:00 Inspector: starts/ends: Environmental conditions: 1 Indoors 2 3 4 Summary samples HIST Y BA Y MG Y VI dd Fish/Pools - click Pool/Fish No F1 P1 P1 P1 P1 P2 P2 P3 P3 P4 P3 P4 P4	Date of Sampling	Case no: 2019-0288 Site No: FS1240 Date of visit/ Sampling: Priority samples: VI	Case no: 2019-0288 Site No: FS1240 Date of visit/ Sampling: Dat	Case no:

	······································										
06/2019 Add	itional Sam	ple Infor	mation:								
Para	Parasitology samples - Vent and pectoral fin stored in separate 100% ethanol tubes.										
2	Total T	ests ass	igned	5	1						

FHI 059, Version 12 Issued by: FHI Date of issue: 08/10/2018 Method of killing: Percussive Case no: FS1240 2019-0288 Site No: Inspector(s): Sheet Relevant: Y Date of visit: 04/06/2019 S for strong presence: M for medium presence: W for weak presence 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 m Base of fins Elsewhere Eyes Exophthalmic Enophthalmic (sunken) Cataract Haemorrhagic Gills Pale Zoned Necrotic Lesions Flank Elsewhere Vent m 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 Spleen Enlarged Granulomas Gut No food present Yellow pseudo-faeces

External haem Internal haem

Haemorrhaging

Haemorrhaging Fluid filled

Parasites present

Swollen Grey Granular Liquefied

Anaemia

Body wall

Kidney

General

Swim bladder

Case no: 2019-0288

Date of visit: 04/06/2019

Date of visit:	04/06/2019	J					
S for strong preser	nce: M for medium presence: W for v	٨					
Fish Number	ico. In for modium prosoneo. W for						
	er death (if > 45 minutes)						
External Signs	or death (ii > 40 iniliates)						
Behaviour	Moribund						
Bollavioui	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						
0 1	Bloody						
Oedema	In tissues						
Heart	Pale/anaemic						
	Granulomas						
Liver	Deformed Detachiel hoom						
Liver	Petechial haem Gross haem						
	Tissue breakdown						
	Enlarged						
	Colour number(s)						
	Granulomas						
	Lesions						
Pyloric caeca	Petechial haem						
. yioric caeca	Tubules mauve						
	Lack of fat						
Spleen	Enlarged						
- Picoli	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						

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Additional comments:		
		1
		1
		1
		1
		1

Site No: FS1240
Case No: 2019-0288
Nature of non-compliance:

Action taken (FHI):

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

Case No:	2019-0288			Date of visit:	04/06/2019			
Site No:	FS1240]		Inspector:]		
Results Summary	Freq.	1		Da	te of Notifica	tion		
,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
MG_IHN	0/1	10/06/2019	-	10/06/2019		18/07/2019		
MG_IPN	0/1	10/06/2019		10/06/2019		18/07/2019		
MG_SAV	0/1	10/06/2019		10/06/2019		18/07/2019		
MG VHS	0/1	10/06/2019		10/06/2019		18/07/2019		
MG ISA	0/1	11/06/2019		11/06/2019		18/07/2019		
MG PMCV, PRV	0/1	04/07/2019		11/07/2019		18/07/2019		
PARA ANIP	1/1	11/07/2019		11/07/2019		18/07/2019		
PA_GS	0/1	18/07/2019		18/07/2019		18/07/2019		
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Report Summary		Г		1				
Case Type	Date	Insp	2 nd Insp	1				
DIA	18/07/2019		2 11150					
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	-	1						
	-	1	-					
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	-	1	-					
								







FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0544 DATE OF VISIT 04/06/2019
SITE NO FS1240 SITE NAME Highland - River Naver Case No 20190288

Section 1: Summary

Following a report of increased wild Atlantic salmon mortalities from the River Helmsdale District Fisheries Board on the 31st May 2019, Fish Health Inspectors visited the river to conduct diagnostic sampling. While sampling fish from the River Helmsdale, a fish with evidence of haemorrhaging/physical damage along the belly was removed from the River Naver by the local bailiff and taken to the inspectors for sampling.

Histopathology examination revealed no significant pathology. Cestoda and Trematoda parasites were observed within the intestinal lumen and are known to live commensally.

Parasitology examination showed light infestation of *Anisakis simplex* within the vent.

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

While conducting a diagnostic examination, following reports of increased mortality in wild Atlantic salmon at the river Helmsdale, a fish caught in the River Naver (Beat 1) was received by the inspectors from the Naver bailiff with a request for diagnostic sampling. The fish was rod-caught but showed signs of haemorrhaging/physical damage along the belly and around the vent.

Externally, haemorrhaging was observed along the ventral surface and at the base of the fins. The vent was also inflamed.

Internally, mild petechial haemorrhaging was observed in the liver and there was no food present in the gut.

Samples

Samples were collected from 1 fish according to the table below:

Fish number	Pool number	Species	Stage	Origin
F1	P1	Atlantic salmon	3kg	River Naver

Results

Bacteriology: Kidney, gill, spleen and lesion material 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), viral haemorrhagic septicemia virus (VHSV), piscine reovirus (PRV) and piscine myocarditis virus (PMCV).

Parasitology: Fins were collected to determine the presence of *Gyrodactylus salaris* using light microscopy.

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

A light infestation of *Anisakis simplex* was identified in the vent.

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 revealed the following:

- <u>Gill</u>: Some lamellar tip clubbing noted and free blood among gill filament (likely associated with percussive stunning method).
- Skin & Muscle: Within normal range.
- Heart: Within normal range.
- Gut and pyloric caeca: Two Cestoda plerocercoid and one Trematoda parasite within the intestinal lumen.
- Pancreas: Within normal range.
- Liver: Within normal range.
- <u>Kidney</u>: Within normal range.

Spleen: Within normal range.

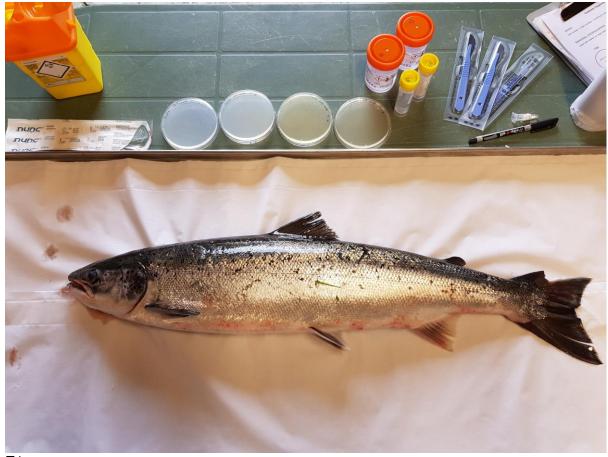
Signed: Fish Health Inspector

Date: 18/07/2019

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







F1



F1

FHI 059, Version 12	Issu	ued by: FHI	Date of issue: 08/10/2018				
Case No: 2019-0305			Date of visit: 27/06/2019				
Time spent on site:	hour	Main Inspecto	or:				
Site No: FS1255 Business No: FB0169	Site Name: Business Name:	North Uiskevagh The Scottish Salmon Compan	у				
Case Types: 1 UNI	2 REP 3	4 5	6				
Water Temp (°C):	Thermometer No:		FHI 045 completed				
Observations:	Region: WI	Water type: S	CoGP MA W-15				
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. If yes, see additional information/clinical score sheet.							
UNI/REG only - if unable to carry	out intended visit detail rea	ason below:					
Unannocunced	inspection, accompanying	APHA following report of mortalit	y from third party				

Additional Case Information:

Unannounced site inspection accompanying APHA vet, following reports made to both FHI and APHA on 15/06/2019 of increased mortality at a site operating in the Uiskevagh area. Site manager was not present at time of inspection, so the manager from a neighbouring site attended in their place.

Site fallow since 11/05/2019

Sea lice counts inspected to record exact counts above reporting criteria. Business had reported all counts above 3 as >3 <8. see sea lice counts page for details.

Site inspected as fallow.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0305		Site No:	FS1255				
Date of Visit:		27/06/2019]		Inspector(s):]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?				
Site Details			-			-		
Total No facilities Species	Fallow	10	Facilities sto	cked	U	No facilitie	s inspected	10
Age group No Fish	Tallow							
Mean Fish Wt								
Next Fallow Date (S	te)	Currently Fa	llow	Next Input Da	ite (Site)	Spring 202	0	
Recent (last 4 wks) of	disease probl	ems?			Any escapes	s (since last v	visit)?	
Movement Records								
Movement records		r inspection?						Y
2. Date of last inspec							06/06/2018	
3. Are records comp		ectly entered?	•					Y
4. Are movement red	cords availabl	e for dead fis	h and waste?					Y
5. Are records comp	lete and corre	ectly entered?	•					Y
Are health certification	ates for introd	luctions (outw	ith GB) availa	able?				N/A
Transport Records								
1. Are any movemen		by (or on be	half) of the bu	siness (not us	ing a STB)?			
If yes, is there a syst	em in place f	or maintenan	ce of transpor	rtation records	?			
Mortality Records								
1. Mortality records a	available for in	nspection?						Y
2. How are mortalitie					Other (detail)		
If other detail:	Whole fish -	Whiteshore C	Cockles					
3. Mortality records of	•	correctly ente						Y
4. Recent mortality (The state of the s			llow since 13/0	05/2019			
5. Evidence of recent increased/atypical mortalities? If yes, facility nos/no mortality per facility/no stock per facility/reason:								N
it yes, facility nos/no	mortality per	racility/no sto	ck per racility	reason:				
6 Δny other neaks in	n mortality du	ring period ch	necked?					Y
6. Any other peaks in mortality during period checked? If yes, detail: w/b 06/05/2019 - 1926 (2.41%)								'
7. Have increased (unexplained) mortalities been reported to vet or FHI?								Y
If yes, detail action:	,	Reported to						
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	RT case and e	enter on morta	ality events s	heet.	Y

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?		
Are records complete and correctly enteredAre fish in a withdrawal period?	1?	
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 3. Has the manner and period in which the AF increased (unexplained) mortality at the site	removal, recording and safe disposal be PB will notify Scottish Ministers or vetering	
4. Has the action that will be taken in the ever is detected been included and how and when		
5. Has the health status of aquaculture anima health status, certification if required)?	ls being stocked on the farm site been o	covered (equal or higher
6. Have the husbandry and biosecurity measu transmission of disease been covered (movel	ment of staff, visitors, equipment, live or	dead fish etc.)?
Is documentation available regarding the maguaculture animals held on site?	leasures in place to maintain the physic	al containment of
8. Have the biosecurity procedures been ade	quately implemented on site?	
If no, detail:		
Results of Surveillance		

06/06/2018 - 11/05/2019

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?

Case No:	2019-0305			Date of visit:	27/06/2019			
0436 140.	2010-0000			Date of visit.	21700/2010	ı		
Site No:	FS1255			Inspector:				
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	 				-			
Report Summary	_			1				
Case Type	Date	Insp	2 nd Insp					
REP, UNI	24/07/2019		2 11150					
, , , , , , , , , , , , , , , , , , , ,								





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
SITE NO FS1255
INSPECTOR

DATE OF VISIT 27/06/2019
SITE NAME North Uiskevagh 20190305

The fish health inspectorate accompanied an inspector from the Animal and Plant Health Agency during an unannounced visit to the above site.

On this occasion, the site was found to be fallow.

Records

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.

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

Signed:



Date: 24/07/2019

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: 2019-0306			Date of visit: 19/06/2019						
Time spent on site:	hrs	Main Inspecto	or:						
Site No: FS1239 Business No: FB0544	Site Name: Business Name:	Grampian Scotland							
Case Types: 1 REP 2	DIA 3	4 5	6						
Water Temp (°C): 15.8	Thermometer No:	T148	FHI 045 completed						
Observations:	Region: GR	Water type: B	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 sc Y If yes, see additional information/clinical sc Y Y									
UNI/REG only - if unable to carry	UNI/REG only - if unable to carry out intended visit detail reason below:								

Additional Case Information:

Line caught Atlantic salmon caught on the River Dee (NO600979) with ventral haemorrhaging reported to the MSS FHI on 19/6/19 by Dee DSFB Fish was not moribund or lethargic. Fish was kept in a keepnet and was still alive on arrival of inspector onsite.

Priority samples: VI BA PA MG HI Time sampling starts/ends: 16:00:00 17:00:00 Inspector: VMD No. Summary samples 1 Dry 2 Windy 3 Sunny 4 Cloudy 5 Summary samples HIST Y BA Y VI Y PA Y Total Sample Add Fish/Pools - click Pool/Fish No F1 P1 P1 P1 P1 P2 P2 P3 P3 P3 P3 P3 P3 P3 P4 P	1111 055, VEISIOII 12					issued by.		
Priority samples: VI	Case no:	2019-0306	Site No	: FS	1239			9/06/2019 19/
Summary samples HIST Y BA Y MG Y VI Y PA Y Total Sample Add Fish/Pools - click Pool/Fish No F1 P1	Priority samples:	VI	ВА		PA			-
Summary samples		16:00:0	00 17:0	00:00	Inspector	r:	VMD	No. 0
Pool/Fish No	Environmental condition	s: 1 Di	ry 2	Windy	3 Sunny	4 Cloudy	5	
Pool/Fish No	Summary samples	HIST Y	ВА	Y MG	y \	/I Y	PA Y	Total Samples
Fish nos 1 1 1	Add Fish/Pools - click							
Fish nos 1 1 1	Pool/Fish No	F1 P	1					
Species SAL Average weight 3kg Sex Female Water Type Page 19	Fish nos							
Species SAL Average weight 3kg Sex Female Water Type Page 19	Pool Group	P1 P	1					
Average weight 3kg Sex Female Water Type FW application of the property of th		SAL						
Sex Female Water Type FW		3kg						
ver Dee	Sex							
ver Dee	Water Type	FW						
炭[Facility No N/A	. Details							

06/2019 Additional Sample Information:

Full wild fish salmonid diagnostic. Free parasites collected for parasitology, vent and pectoral fin collected as standard. Additional DNA PCR sample collected, kidney into dry tube. Histo: additional skin sample from haemorrhaged area of the ventral surface. BA: all 4 plates sampled, plus lesion plates.

2 Total Tests assigned 9

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

Case no: 2019-0306 Site No: FS1239 Method of killing: Percussive

Case no:	2019-0306	Site No:		FS1239		Method of killing: Percussive					
Date of visit:	19/06/2019	7	Inspect	or(s):				۱ ۵	heet R	elevant:	Y
Date of visit.	19/00/2019	4	Пороск	o. (o).				٦	HEEL IVE	elevarit.	
	ce: M for medium presence: W for		sence								
Fish Number		F1	\Box								
	er death (if > 45 minutes)	5 min									
External Signs Behaviour	Moribund										
Dellavioui	Lethargic										
	Hanging vertical										
	Spiralling		$\overline{}$								
	Flashing										
	Loss of equilibrium										
Body	Dark										
	Distended abdomen		\vdash								
	Anorexic Scale Oedema										
Opercula	Shortened										
- por onin	Flared										
Haemorrhaging	Throat										
	Ventrum	M									
	Base of fins	М									
-	Elsewhere		\sqcup								
Eyes	Exophthalmic										
	Enophthalmic (sunken) Cataract										
	Haemorrhagic										
Gills	Pale	W									
	Zoned		$\overline{}$								
	Necrotic										
Lesions	Flank										
	Elsewhere	W									
Vent	Inflamed		\vdash								
Lice Load	Trailing faeces Estimate numbers										
Lice Load	Estimate numbers										
Internal Signs			_								
Ascites	Clear										
	Bloody										
Oedema	In tissues										
Heart	Pale/anaemic		\vdash								
	Granulomas Deformed										
Liver	Petechial haem	М									
LIVEI	Gross haem	-									
	Tissue breakdown										
	Enlarged										
	Colour number(s)										
	Granulomas		\Box								
Dulanic	Lesions										
Pyloric caeca	Petechial haem Tubules mauve										
	Lack of fat										
Spleen	Enlarged	S									
	Granulomas										
Gut	No food present										
	Yellow pseudo-faeces										
	External haem										
Dedu!!	Internal haem										
Body wall Swim bladder	Haemorrhaging Haemorrhaging										
Swiiii biaudei	Fluid filled										
Kidney	Swollen										
,	Grey										
	Granular										
	Liquefied										
General	Parasites present	М	oxdot								
	Anaemia										

Case no: 2019-0306

Date of visit: 19/06/2019

Date of visit.	19/00/20	19				
S for strong prese	ence: M for medium presence: W f	ог и				
Fish Number						
Time sampled af	ter 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					
F	Elsewhere					
Eyes	Exophthalmic					
	Enophthalmic (sunken)					
	Cataract					
Gills	Haemorrhagic Pale					
GIIIS	Zoned					
	Necrotic					
Lesions	Flank		_			
Lesions	Elsewhere					
Vent	Inflamed					
Vent	Trailing faeces					
Lice Load	Estimate numbers					
LICE LOAG	Latinate 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					
D 1 "	Internal haem					
Body wall	Haemorrhaging					
Swim bladder	Haemorrhaging				_	
Wide at	Fluid filled					
Kidney	Swollen					
	Grey					
	Granular					
General	Liquefied Parasites present					
General						
	Anaemia					

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

Site No: FS1239

Case No: 2019-0306

Nature of non-compliance:

Action taken (FHI):

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

Case No: 2019-0306 Date of visit: 19/06/2019 Site No: FS1239 Inspector: Results Summary Freq. Date of Notification Database Writing Insp Phone Insp Insp 2nd Insp MG - VHS 0/1 26/06/2019 26/06/2019 02/08/2019 MG - SAV 0/1 26/06/2019 02/08/2019 26/06/2019 MG - ISA 0/1 26/06/2019 26/06/2019 02/08/2019 MG - IPN 26/06/2019 26/06/2019 02/08/2019 0/1 MG - IHN 26/06/2019 26/06/2019 02/08/2019 0/1 MG - PMCV 0/1 02/08/2019 04/07/2019 16/07/2019 MG - PRV 02/08/2019 04/07/2019 0/1 16/07/2019 HAFC 1/1 02/08/2019 16/07/2019 16/07/2019 **AERO** 1/1 16/07/2019 16/07/2019 02/08/2019 SAPR 1/1 16/07/2019 02/08/2019 16/07/2019 LPAT 02/08/2019 1/1 16/07/2019 16/07/2019 **GPAT** 1/1 16/07/2019 16/07/2019 02/08/2019 16/07/2019 02/08/2019 E. crassum 1/1 16/07/2019 02/08/2019 0/1 30/07/2019 G. salaris Report Summary 2nd Insp Case Type Date Insp REP, DIA 02/08/2019





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

SITE No FS1239

INSPECTOR

DATE OF VISIT 19/06/2019

SITE NAME Grampian, River Dee

CASE No 20190306

Section 1: Summary

Following notification of the capture of one wild Atlantic salmon showing haemorrhaging on the ventral surface on the River Dee samples were collected for diagnostic purposes.

Histopathology examination revealed minor hepatitis and some minor gill inflammation.

A motile *Aeromonas* sp. and *Hafnia* sp. were isolated. Although some species of either genera are known to be pathogenic to fish, the level and mixed nature of the growth would not suggest them to be the primary source of the clinical signs observed.

Microscopic examination revealed a fungus-like organism matching the characteristics of *Saprolegnia* sp. on plates taken from lesion material. However, the level and mixed nature of the growth would not suggest it to be the primary source of the clinical signs observed.

A parasite collected free in the body cavity was identified as *Eubothrium crassum*, which in large numbers may have an effect on performance and survival in salmonids.

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 notified by the Dee District Salmon Fishery Board on the 19 June 2019 that an Atlantic salmon with ventral haemorrhaging was caught on the River Dee near Potarch. The fish was not moribund or lethargic and had been line caught. Due to recent concerns regarding wild Atlantic salmon displaying similar clinical signs the R09

decision was taken to collect samples. The fish was kept in a keep net at the river bank until inspectors arrived in the afternoon to conduct a full diagnostic sample.

Externally the fish showed haemorrhaging on the ventral surface and around the base of the pelvic fins, with beginnings of a small lesion at the base of one pelvic fin. The gills were slightly pale. Internally, petechial haemorrhaging was present on the liver and the spleen was enlarged. Some parasites were observed free in the body cavity.

Samples

Samples were collected according to the table below:

Fis num		Pool number	Species	Stage	Origin
F	1	P1	Atlantic salmon	2.2+ *	River Dee, near Potarch

^{*} as determined by scale reading, the salmon spent 2 years in freshwater before going to sea as a smolt, it subsequently spent 2+ years at sea before returning to freshwater as an adult

Results

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

The following bacteria were isolated:

- Aeromonas sp. (lesion)
- Hafnia sp. (lesion)

Saprolegnia sp. a fungal-like (oomycete) organism was also observed on lesion plates.

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), viral haemorrhagic septicemia virus (VHSV), piscine reovirus (PRV) and piscine myocarditis virus (PMCV).

A general screen was also 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.

A parasite collected free in the body cavity was identified as *Eubothrium crassum*.

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: R09

<u>Gill:</u> Several individual lamellae showing some epithelial thickness with associated inflammatory cells. Few scattered lamellar thrombi also noted.

Skin & Muscle: Within normal range.

Heart: Mild multifocal epicarditis.

<u>Gut and pyloric caeca:</u> Few structures resembling Cestoda parasites with absence of host response.

Pancreas: Within normal range.

<u>Liver:</u> Several small foci of infiltrating inflammation in the hepatic parenchyma (potentially linked with parasite presence).

Kidney: Within normal range.

Spleen: Slightly congested.

Signed:

Fish Health Inspector

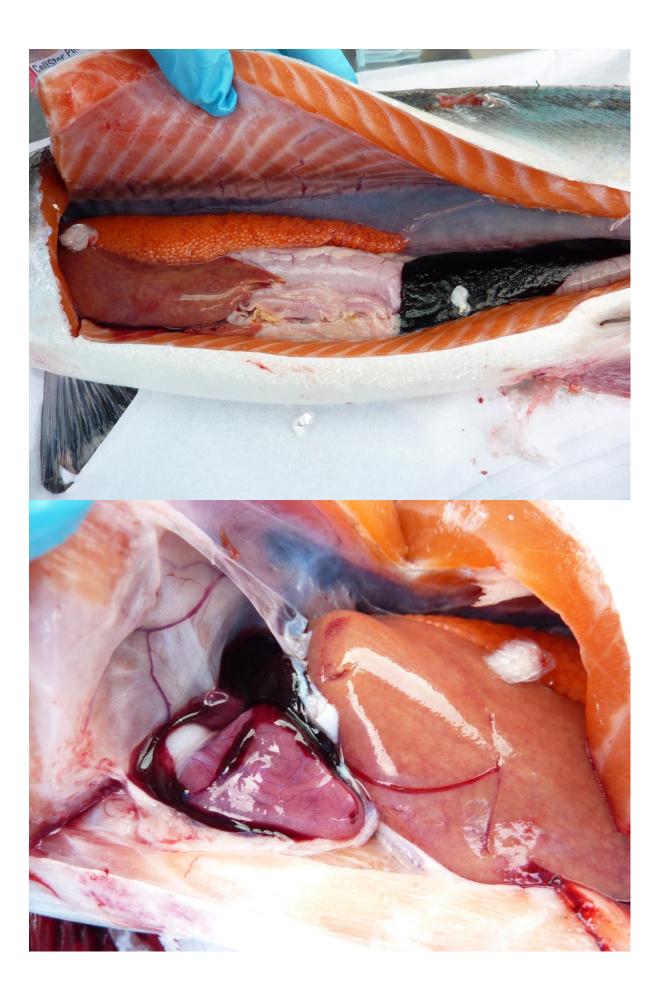
The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter

Date: 02/08/2019

2019-0306 Wild fish diagnostic (F1) - River Dee ENGANGSBRUK. (**SF**) STERIILI NEKIAKAYI UIII SKALPELLI. (**RUS**) CKANDNENN CTEPNNDHDII OДНОРАЗОВЫЕ. (**CN**) 一次性使用无菌察剖刀









FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018						
Case No: 2019-0309			Date of visit: 25/06/2019						
Time spent on site:	nrs	Main Inspect	or:						
Site No: FS0559 Business No: FB0169	Site Name: Business Name:	Ardyne The Scottish Salmon Compar	ny						
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD 5	6						
Water Temp (°C): 13.8	Thermometer No:	T155	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? 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	UNI/REG only - if unable to carry out intended visit detail reason below:								

Additional Case Information:

FS not filled in on all movement records for source/destination, Issue discussed with site manager at the time of inspection. No further action required.

Mixture of wild and farmed wrasse used in last cycle. Lumpfish were also stocked on site. Consistent mortality of both cleanerfish species throughout the last cycle. Fish retrieved during harvest kept in holding pens, however did not survive to the beginning of next cycle. Site manager mentioned that survival was a consistent issue with cleanerfish on site. Mixed wild wrasse currently stocked on site sourced from Crossley brothers on mull. Wrasse are stocked whenever they are available, no current plans to re stock with lumpfish.

Fish are treated proactively with slice in advance of summer months - treatment finished on 22/05/19, There is a 60 day self imposed withdrawal period for slice at SSC.

Fish looked healthy and were feeding well. Mortality has been low since input. There was a fungus issue with fish coming from freshwater right after input. There was a medium increase of mortality as the worst affected fish died off, however the mortality returned to very low levels the following week.

Some runts were observed in the pens

All fish sampled for VMD appeared healthy internally and externally and showed no clinical signs of disease.

Sampling, paperwork and inspection carried out by supervised by

FHI 059, Version 12			Issu	ed by: FHI			Date of issue	e: 08/10/2018
Case No:	2019-0309		Site No:	FS0559				
Date of Visit:		25/06/2019]		Inspector(s):			
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	
Site Details								
Total No facilities		8	Facilities sto	cked	6	No facilities	s inspected	6
Species	Sal	WRS						
Age group	19 S1's	19 Wild						
No Fish	368,596	9,266						
Mean Fish Wt	236.7	160g						
Next Fallow Date (S	ite)	October 202	0	Next Input Da	ite (Site)	January 20	21	
Recent (last 4 wks) of If yes, detail:	disease probl	ems?		N	Any escapes	(since last v	visit)?	N
Movement Records								
1. Movement record		r inspection?						Y
2. Date of last inspec	ction:						02/05/2017	
3. Are records comp	lete and corre	ectly entered?	•					N
4. Are movement red	cords availabl	e for dead fis	h and waste?					Y
5. Are records comp	lete and corre	ectly entered?	•					Y
6. Are health certification	ates for introd	luctions (outw	rith GB) availa	able?				N/A
Transport Records								
1. Are any movemen		t bv (or on bel	half) of the bu	ısiness (not usi	ing a STB)?			N
If yes, is there a syst				•	_			
Mortality Records								
Mortality records a	available for ir	nspection?						Y
2. How are mortalitie		•			Whole fish -	Dundas Che	emicals	
If other detail:								
3. Mortality records of	complete and	correctly ente	ered?					Y
4. Recent mortality (last 4 wks):		24 - 372 (0.1	%) 23 - 368(0.	1%) 22 - 208	(0.06%) 212	247 (0.07%)	
5. Evidence of recen	t increased/a	typical mortal	ities?					N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
6. Any other peaks in	n mortality du	ring period ch	ecked?					Y
If yes, detail:	Fish Barvas following wee		fungus . Sligh	it increase in m	nortality post ir	nput - 1506 -	0.40% dropp	oed back
7. Have increased (u			en reported to	vet or FHI?				N/A
If yes, detail action:	oxpidirica) i		on reported to					1.77
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	IRT case and e	enter on morta	lity events s	heet.	N/A

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
		V
1. Recent treatments (last 4 wks)?		Y
If yes, detail: TMS		
If other, detail:	-12	V
2. Medicines records available for inspe		Y
3. Are records complete and correctly e	ntered?	Y
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?	Slice TMS	
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
Biosecurity records available for insperior	ection?	Y
•	ortality removal, recording and safe disposal been considered?	Y
	the APB will notify Scottish Ministers or veterinary professional	
increased (unexplained) mortality at the	•	Y
,		
4. Has the action that will be taken in the	e event that the presence or suspicion of the presence of a liste	ed disease Y
	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	r higher Y
health status, certification if required)?		
6 Have the husbandry and biosecurity r	measures implemented between each epidemiological unit to n	minimise Y
•	movement of staff, visitors, equipment, live or dead fish etc.)?	
	the measures in place to maintain the physical containment of	
aquaculture animals held on site?	The state of the s	
8. Have the biosecurity procedures been	n adequately implemented on site?	Y
If no, detail:	, .,	
Results of Surveillance		

General comments on post input issues. Fin

nipping, fungus.

02/05/17-25/06/19

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?

Few pre adult lice observed.

Case no: 2019-0309 Site No: FS0559 Date of visit/ 25/06	
Sampling:	5/2019 25/0
Priority samples: VI BA PA MG HI	
Time sampling 15:00:00 16:00:00 Inspector: VMD No. starts/ends:	5
Environmental conditions: 1 Sunny 2 3 4 5	
Summary samples HIST BA MG VI PA T	otal Samples
Add Fish/Pools - click	
Pool/Fish No	
Fish nos 1-5	
Pool Group	
Species Sal	
Average weight 237g	
Sex	
Water Type SW	
Ormsary (FS0575)	
が Facility No 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	

06/2019 Additional Sample Information:												
All fish sampled by Fish showed no clinical signs of disease and appeared healthy and in good condition.												
0	Total Tests assigned 0											

FHI 059, Version 12		Issued by: FHI			Date o	of issue	: 08/10/2018
Case Number:	2019-0309		Site No:	FS0559		Insp:	
Date of Visit	25/06/2019 No of movements/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	
	Number of sup	ncluding third country pliers	0		10	14	
Movements off	Frequency of n	•	1 0	3	6	10	10
Wovernerits on	Number of des		0		6	10	3
Exposure via water		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				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	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	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			
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		21 MEDIUM

Case No:	2019-0309	Site No: FS0559				
Sea Lice Inspection (S	Seawater Sites Only)					
N Has the site experienced sea lice problems in the previous 4 years?						
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?						
B. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?						
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?						
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)						
6. Do records 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			
_	•	<i>monis</i>) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) o od that records are inspected?	r 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			
		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)?	Y			
•	•	is taken had a significant impact upon the lice levels recorded?	Υ			
•		out in cooperation between participating farms?	Y			
		where fewer populations or part populations are held without treatment for	Υ			
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised Y scenarios during the escalation of a sea lice infestation?						
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 place to mitigate against the predation experienced on site? (Detail below)						
Bird nets, Seal blinds, ADD, MML						
If other, detail below:						
			To:			
•		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				
0.16-111-1						
If gill nets were deploministers? (Legal, CoGl		greed with local wild fish interests and was permission given by Scottish				
9. What action was take	9. What action was taken to prevent and minimise 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)	Y			

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: 2019-0309	Site No: FS0559	
Date of Visit: 25/06/2019	9 Inspector:	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Y
If N, no further questions require comp	letion.	
Points of Compliance for Both Farm	Management Agreements and Statements	
 3. Is the current FMAg/S available for it 4. Does the FMAg/S identify the releva 5. Does the FMAg/S identify the fish fat 6. Does the FMAg/S identify the date o 7. Does the FMAg/S identify the date o 	nt farm management area? rm site(s) to which it applies? f commencement of the agreement or statemer f review?	Y Y Y
Arrangements for Fish Health Manag	gement	
8. Does the FMAg/S identify the minim farm?	um health standards for the stocks to be introdu	uced to the area or Y
 Does the FMAg/S identify the vaccin Does the FMAg/S identify the species 	nation requirements for stocks held in the area on ies of fish which may be stocked into the area on mum stocking density of any pen on any farm in	r farm?
12. Does the FMAg/S identify the arran fish farm in the area or the individual fa	ngements for the storage and disposal of any de arm?	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	rs and treatments?
14. Does the FMAg/S identify the available of statement?	ability and the use of medicines on farms covere	
15. Does the FMAg/S identify any require on farms in the area or individual fa	irements for the sensitivity testing of available tr arms?	reatments for sea
	mstances under which biological controls and c	
	ngements for synchronous treatments on farms	within the area?
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or rengements 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 accepta	able harvest practices on farms in the area or individ	dual farms?
Fallowing		
21. Does the FMAg/S identify the date date when a farm or area may be rest	es by which the area or individual farm will be fallow tocked?	and the earliest
22. Does the FMAg/S identify whether agreement or statement?	r one or more year classes may be stocked onto site	es covered by the Y
_	r broodstock or potential broodstock are to be kept ont?	on any site
Point of Compliance for Farm Mana	agement Agreements Only	
24. Does the farm management agree parties to the agreement?	ement include arrangements for persons to become	e, or cease to be,
Management and operation		
25. Is the fish farm being managed ar	nd operated in accordance with the agreement or sta	ratement?
26. What is the version no/date of iss	ue of the FMAg/S? 12.12.18	

Site No: FS0559

Case No: 2019-0309

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2019-0309	Date of visit: 25/06/2019							
Site No:	FS0559	l		Inspector:					
Results Summary	Freq.			Date of Notification					
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
Donard Currence									
Report Summary Case Type	- ·		and a						
Case Type	Date	Insp	2 nd Insp						
ECI,CNI,SLI,VMD	01/07/2019								





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
 25/06/2019

 Site No
 FS0559
 Site Name
 Ardyne

 Inspector
 Case No
 20190309

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 found to be inadequately 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.

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

It was found during inspection of movement records that the FS number was not always being recorded in the source/destination section of the movement book. It was agreed with the site manager at the time of inspection that this would be recorded in future. No further action is required.

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 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.

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: 01/07/2019

Signed:

FHI 059, Version 12		Issued by: FHI	Date of	f issue: 08/10/2018
Case No: 2019-0310			Date of visit:	25/06/2019
Time spent on site:	hrs	Mair	n Inspector:	
Site No: FS1056 Business No: FB0169	Site Name: Business Name:	Strone Point The Scottish Salmon	Company	
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6	
Water Temp (°C): 13.8	Thermometer No:	T155	FHI 045 comp	leted N
Observations:	Region: ST	Water type:	CoGP MA	M-45
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		N If yes, see additi	ional information/clinical s ional information/clinical s ional information/clinical s	score sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:		

Additional Case Information:

2017 morts

week 45 - 20203 - 3.73 - Site data does not match reported mortality data. (reported = 5.45% - 30064 Fish)

week 47 - 12676 - 2.55 - Not reported to FHI - 20-26th of Nov

week 48 - 12664 - 2.61 - Not reported to FHI - 27th nov - 3rd of dec

Sea lice levels jumped up in late 2018, As harvesting was due to commence no treatment action was taken instead worst affected pens were harvested first as part of the harvest strategy.

Mortality levels currently very low and site reported good survival post input from freshwater. Fish appeared healthy in the pens and had a good feeding response when catching for VMD.

Mixed species wrasse had high mortality in late 2017 - during the issues with CMS, Bacteria and Gills in late 2017, there were several weeks where mortality rose above the reporting threshold for the site. During this time mixed species wrasse also had high mortality numbers, they were never health checked, site manager suggested that they were also being affected by the health challenges affecting the salmon during that period. No cleanerfish currently stocked on site. Ardyne is being stocked with mixed wild wrasse from Mull. Stocking at Strone Point will commence once Ardyne pens have been stocked.

Issues with picking up on cleanerfish mortality due to wrasse morts being caught In nets and not being collected in mort sock. Site manager mentioned issues with the net washer affecting the wrasse species on the sides of nets.

Wrasse removed with creels before harvesting and kept in holding pens. Survival in holding pens is very low and no wrasse made it through the winter to the start of the next cycle. Site manager reported large black loss of cleanerfish retrieved at harvest.

All fish sampled appeared healthy externally and internally. No clinical signs of disease were observed.

All sampling, paperwork and inspection was carried out by supervised by

FHI 059, Version 12		Issued by: FHI Date of issue: 08/10/2018								
Case No:	2019-0310		Site No:	FS1056	3					
Date of Visit:		25/06/2019)		Inspector(s)	:]		
Registration/Authoral Business/site det 2. Changes made to	ails summary		ite representa	ative?			Y N	-		
Site Details										
Total No facilities		14	Facilities sto	cked	8	No facilitie	es inspected	14		
Species	Sal									
Age group	19 s1's									
No Fish	688,160									
Mean Fish Wt	293.2g									
Next Fallow Date (S	ite)	Oct 20		Next Input Da	ate (Site)	January 2	1			
Recent (last 4 wks)	disease probl	leme?		N	Any escape	e (since last	vieit\2	N		
Recent (last 4 wks) disease problems? N Any escapes (since last visit)? N If yes, detail:								IV		
Movement Record	s									
Movement record		r inspection?						Y		
2. Date of last inspe		Поросиси					09/11/2017			
3. Are records comp		ectly entered	?				00/ 11/20	Y		
4. Are movement re		•		,				Y		
5. Are records comp								Y		
6. Are health certific		•		able?				N/A		
Transport Records	•									
1. Are any moveme		t by (or on be	half) of the bu	usiness (not us	ing a STB)?			N		
If yes, is there a sys			•		_					
Mortality Records										
1. Mortality records	available for i	nspection?						Y		
2. How are mortaliti	es disposed o	f?			Whole fish -	- Dundas Che	emicals			
If other detail:										
3. Mortality records	complete and	correctly ent	ered?					Y		
4. Recent mortality	(last 4 wks):		25 (210 - 0.0	03%) 24(425 -0	0.06%) 23(26)	1 -0.04%) 22	(183-0.03%)			
5. Evidence of recei	nt increased/a	typical mortal	lities?					N		
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:						
6. Any other peaks								Y		
If yes, detail:		-	and CMS in la					•		
7. Have increased (•		to a serial field	and are such as		'		
If yes, detail action: 8. Have 'mortality ev				otic treatment -				N		
o. Have mortality e	rents been le	ported to Fri	r ii iio, auu iv	in case and e	since on more	anty events s	MICCL.	I N		

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Recent treatments (last 4 wks)?		Y
If yes, detail: TMS If other, detail:		
2. Medicines records available for inspec		Y
 Are records complete and correctly en Are fish in a withdrawal period? 	tered?	Y
5. If yes, what treatment(s)?	Slice TMS	
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
1. Biosecurity records available for inspe	ction?	Y
2. Has the manner and frequency of mor	tality removal, recording and safe disposal bee	en considered?
3. Has the manner and period in which the	ne APB will notify Scottish Ministers or veterina	ry professional of any

Case no: 2019-0310 Site No: FS1056 Date of visit/ Sampling: 25/06/20 Priority samples: VI BA PA MG HI Time sampling starts/ends: 15:00:00 16:00:00 Inspector: VMD No. Summary samples HIST BA MG VI PA Total Add Fish/Pools - click Pool/Fish No BA MG VI PA Total Add Fish nos 1-4 5-8 BA	19 25/0
Priority samples: VI BA PA MG HI Time sampling starts/ends: 15:00:00 16:00:00 Inspector: VMD No. Starts/ends: Environmental conditions: 1 Sunny 2 3 4 5 Summary samples HIST BA MG VI PA Total Add Fish/Pools - click Pool/Fish No Fish nos 1-4 5-8 Fool Group Fool Group Species SAL SAL <td< td=""><td></td></td<>	
starts/ends: Environmental conditions: 1 Sunny 2 3 4 5 Summary samples HIST BA MG VI PA Total Add Fish/Pools - click Pool/Fish No	
Summary samples HIST BA MG VI PA Total Add Fish/Pools - click Pool/Fish No	8
Add Fish/Pools - click Pool/Fish No	
Pool/Fish No	Samples
Pool/Fish No	
Fish nos 1-4 5-8 Pool Group Species SAL SAL	
Pool Group Species SAL SAL	
Species SAL SAL	
Species SAL SAL	
Average weight 293g 293g	
Sex N/A N/A	
Water Type SW SW U U U U U U U U U U U U U U U U U	
Stock Origin Ormsary FS0575) Pacility No 5 4	

06/2019 Additional Sample Information:												
0 Total Tests assigned 0												
				١								

FHI 059, Version 12		Issued by: FHI			Date o	of issue	: 08/10/2018
Case Number:	2019-0310		Site No:	FS1056		Insp:	
Date of Visit	25/06/2019		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	П
	Number of sup	ncluding third country pliers	0		10	14	Н
Movements off	Frequency of n	•	I 0	3	6	10	10
Wovernerits on	Number of des		0		6	10	3
Exposure via water	<u> </u>	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		1
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	n from MS of equivalent status	2				
	equivalent stat		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	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	Ī			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		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		T 0	1			0
between sites, use of footbaths etc	No		1	1			ш
CoGP/Regulator			1	J			
Practices in accordance	Yes		Το	1			0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		1 0	1			0
	No		2				
					Total Rank		21 MEDIUM

Case No:	2019-0310		S	ite No:	FS1056		
Sea Lice Inspection (• •	s in the previous 4 years	s?				N
·	•	equivalent) fallowed syn		a single y	ear class basis?		Υ
3. Does the site have a	access to a range of lica	cenced in-feed and bath well as access to suitab	sea lice medica	ations (inc	cluding deltamethrin,	ures, and	Y
4. Is there a signed doo Management Area (or e		gement agreement or sta	atement relevan	nt to the si	ite and CoGP Farm		Υ
5. Are sea lice count re	cords available for ins	spection? (Legal SSI, Co	GP Annex 6)				Υ
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)							
7. Are sea lice (L. salm records are inspected?		elow the suggested criter	ria for treatment	t in the Co	oGP during the period	that	N
_	•	<i>lmonis</i>) numbers per fisl od that records are insp		el of 3 or a	above (prior to w/b 10	/6/19) or	N
If yes, have these been	reported to the Fish	Health Inspectorate? If r	no, FHI see com	nment.			N/A
9. Is C. elongatus infes	station at a level which	is considered to cause	significant welf	are proble	ems? (CoGP 4.3.81,	5.3.50)	N
		istered or other actions elongatus is considered					Υ
11. Has any other actio	on been taken (where	applicable)?					Υ
12. Have therapeutic tr	eatments or the action	ns taken had a significar	nt impact upon t	the lice le	vels recorded?		Υ
13. Are treatments, who	ere conducted, carried	d out in cooperation bety	veen participatir	ng farms?	•		Υ
13. Are treatments, where conducted, carried out in cooperation between participating farms? 14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?							Υ
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?							Υ
16. Do the sea lice leve	els observed on stock	s reflect sea lice count d	ata? If no pleas	se detail re	easons.		Υ
Containment Inspecti	on						
1. Has the site experier	nced equipment dama	ige due to predators in t	he current or pr	evious pro	oduction cycles?		N
2. Are measures in pla	ce to mitigate against	the predation experience	ed on site? (De	tail below)		Υ
top nets, seal blinds	ADD, MML						
If other, detail below:							
2				i Al-	- lt 5111 iti0		N
		perienced on or in the vi	icinity of the site	e since the	e last FHI Inspection?		IN
If Yes proceed with que 4. Have these been rep		•					
5. Have these been rep	ported to local DSFB f	orthwith (where they exis	st)? (CoGP - 4	.4.37, 5.4	.17)		
6. Have these been rep	ported to the SSPO ar	nd local fisheries trusts fo	orthwith (where	they exist	t)? (CoGP – 4.4.37, 5	5.4.17)	
7. Were methods (if an	y) used to recover es	capees? If yes give deta	il				
8. If aill nets were denic	oved was this action a	greed with local wild fish	n interests and	was perm	ission given by Scotti	ish	
Ministers? (Legal, CoG		g. Journal Total Wild Hal	cicoto ana \	uo penin			
9. What action was tak	en to prevent and min	imise the risk of further	escapes? (Not	covered in	n code but could		
be considered under	r satisfactory measu	res of the Act)					
10. Is the site inspected	d as satisfactory with i	regards to containment?	If no, please de	etail reaso	on(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: 2019-0310	Site No: FS1056	
Date of Visit: 25/06/2019	Inspector:	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Y
If N, no further questions require compl	etion.	
Points of Compliance for Both Farm	Management Agreements and Statements	
3. Is the current FMAg/S available for ir4. Does the FMAg/S identify the relevar5. Does the FMAg/S identify the fish far	nt farm management area? rm site(s) to which it applies? f commencement of the agreement or stateme	у У У
Arrangements for Fish Health Manag	gement	
farm?	um health standards for the stocks to be introduced ation requirements for stocks held in the area	
10. Does the FMAg/S identify the speci	es of fish which may be stocked into the area mum stocking density of any pen on any farm	or farm?
12. Does the FMAg/S identify the arrange fish farm in the area or the individual fa	gements for the storage and disposal of any darm?	lead fish from any
Arrangements for The Management	of Sea Lice	
13. Does the FMAg/S identify arrangem	nents for the sharing of data on sea lice number	ers and treatments?
14. Does the FMAg/S identify the availar of statement?	ability and the use of medicines on farms cove	red by the agreement y
	irements for the sensitivity testing of available arms?	
16. Does the FMAg/S identify the circur used on farms in the area or individual	mstances under which biological controls and farms?	
17. Does the FMAg/S identify the arrange	gements for synchronous treatments on farms	s within the area?
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or gements for the movement of live fish on and	

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 ind	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 fall ked?	ow and the earliest y
22. Does the FMAg/S identify whether of agreement or statement?	ne 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?	roodstock or potential broodstock are to be ke ?	pt on any site y
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 beco	ome, or cease to be,
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? 12.12.18	

Site No: FS1056

Case No: 2019-0310

Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology

Case No: 2019-0310 Site No: FS1056 Date of visit: 25/06/2019

Start date:	End date: (if applicable)	Size of fish:	Average weight of affected	Species:	Yearclass:	Timescale	Mortality rate recorded(%):	Explained/ unexplained:	If explained, select reason(s):
			population:						
20/11/17	26/11/2017	≥750g	1.6kg	SAL	S1	Weekly	2.55	Explained	CMS, Complex gill issues, Vibriosis
27/11/17	03/12/2017	≥750g	1.6kg	SAL	S1	Weekly	2.61	Explained	CMS, Complex gill issues, Vibriosis

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):
	12676 12664	Reduced feeding according to O2 levels Reduced feeding according to O2 levels	Historic - Picked up during Inspection. No further action Historic - Picked up during Inspection. No
	12004	Treduced recalling according to 02 levels	further action

Case No:	2019-0310	Date of visit: 25/06/2019						
Site No:	FS1056	Inspector:						
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
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Report Summary								
Case Type	Date	Insp	2 nd Insp					
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The Scottish Salmon Company
1 Smithy Lane
Lochgilphead
Argyll
PA31 8TA

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0169Date of Visit25/06/2019Site NoFS1056Site NameStrone PointInspectorCase No20190310

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.

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, 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.

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: 01/07/2019

Signed: