FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018						
Case No: 2020-0020			Date of visit: 10/03/2020						
Time spent on site: 5	hrs	Main Inspector	c e						
Site No: FS0091 Business No: FB0169	Site Name: Business Name:	Meall Mhor Loch Fyne The Scottish Salmon Company	,						
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6						
Water Temp (°C): 7.6	Thermometer No:	T205	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?  Y If yes, see additional information/clinical score sheet.  N If yes, see additional information/clinical score sheet.  N If yes, see additional information/clinical score sheet.									
UNI/REG only - if unable to carry out intended visit detail reason below:									

Currently feeding SLICE.

Due to adverse weather conditions visibility was limited. Fish were observed shoaling well in one pen, with limited and poor visibility on other pens due to the weather. A few fish with physical damage to the flank (suspected due to sustained adverse weather conditions recently) were observed in the pens on the more exposed side of the site (particularly pen 2). All compromised fish (less than 10) that were able to be caught were removed and dispatched immediately. Fish were opened up but no gross pathology was observed so no diagnostic samples were collected. Fish sampled for VMD appeared healthy.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018	
Case No:	2020-0020	]	Site No:	FS0091	]				
Date of Visit:		10/03/2020	]		Inspector(s):			]	
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N		
Site Details									
Total No facilities		12	Facilities sto	cked	8	No facilitie	s inspected	12	
Species	SAL								
Age group	2019 S0								
No Fish	439,113								
Mean Fish Wt	922g								
Next Fallow Date (S	ite)	March/April 2	2021	Next Input Da	ite (Site)	Autumn 20	)21		
Recent (last 4 wks) If yes, detail:	disease probl	ems?		N	Any escapes	(since last	visit)?	N	
Movement Record									
1. Movement records available for inspection? 2. Date of last inspection: 26/03/2018 3. Are records complete and correctly entered?									
<ul><li>4. Are movement re</li><li>5. Are records comp</li><li>6. Are health certific</li></ul>	olete and corre	ectly entered?	•					Y Y N/A	
		idollorio (odiri	ilii OB) availe						
Transport Records  1. Are any movement fyes, is there a sys	nts carried ou			•	_			Y	
Mortality Records									
1. Mortality records	available for i	nspection?						Y	
2. How are mortalitie	es disposed o	f?			Whole fish - I	Dundas Che	emicals		
If other detail:			10					•	
<ol> <li>Mortality records</li> <li>Recent mortality (</li> </ol>	•	correctly ente		5-235 (0.04%-0	105%) por wo	ok for the ci	to	'	
5. Evidence of recer	•	typical mortal		J-233 (0.04 /6-0	7.03 %) per we	ek ioi tile si	le .	N	
If yes, facility nos/no		• •		/reason:					
ii yoo, idomiy iioonio	mortanty per	raomity/110 oto	on por raomey	Toucon.					
6. Any other peaks i	n mortality du	ring period ch	ecked?					Y	
If yes, detail:		•	•	isk assessmen lity events repo			timescale fal	ls outwith	
7. Have increased (						-,		N/A	
If yes, detail action: 8. Have 'mortality ev	ents' heen re	norted to FHI	? If no ladd M	RT case and a	enter on morta	lity evente e	heet	Y	
o. Have mortality ev	Cillo Decirie	ported to 1 111	. If fio, add W	it i case and e	Jine on morta	inty events s	illoct.	·	

If no, detail:

aquaculture animals held on site?

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

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

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

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

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

2. If yes, are results available for inspection?

health status, certification if required)?

3. Any significant results?

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

Fungus on input see mortality records section

Records checked between:

26/03/2018 - 10/03/2020

- 1	11 009, VEISION 12											15	sueu by.	ГПІ			
	Case no:	2020	) <b>-</b> 00	)20		Site No	):		FS009	91			Date of Samplin		10	/03/2020	
	Priority samples:		VI			BA			P.	Α		MG			н	]	
	Time sampling starts/ends:			0:00			40:0	0	1		Inspecto	or:			VMD N	lo.	12
	Environmental conditions:		1	Indo	ors	2			J	3		4			5	J	
	Summary samples	HIST	٠			ВА			MG	[		VI		PA		Total Sa	amples
Α	dd Fish/Pools - click																
	Pool/Fish No																
	Fish nos	1		2		3	4		5		6						
	Pool Group																
	Species	SAL		SAL		SAL	SA	L	SAL		SAL						
	Average weight	900g	1	900g	]	900g	900	Ͻg	900g		900g						
	Sex	N/A		N/A		N/A	N/A		N/A		N/A						
	Water Type	SW		SW		SW	SW	/	SW		SW						
Stock Details	Stock Origin Facility No	12	Russelburn	12	Russelburn	11 Russelburn	11	Russelburn	2 in a series of the series of		A Russelburn						
S	I acility 140	12		12		11			4		4						

	Additional Sample Information:													
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:	2020-0020		Site No:	FS0091		Insp:	
Date of Visit	10/03/2020		No of m	ovements/s	upp./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	0
·	Number of sup	ncluding third country pliers	0		10	14	0
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		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
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	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	inpasteurised feed	0	1			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		2
	Sites sharing s	taff and equipment	0	1	2		2
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1	1			
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	<u> </u>			
					Total Rank		23 MEDIUM

Case No:	2020-0020	Site No: FS0091						
Sea Lice Inspection (S	• •							
<ol> <li>Has the site experien</li> </ol>	iced sea lice problems	s in the previous 4 years?	N					
2. Is the CoGP Farm Ma	anagement Area (or e	quivalent) fallowed synchronously on a single year class basis?	Υ					
	mectin benzoate) as	enced in-feed and bath sea lice medications (including deltamethrin, well as access to suitable biological and/or mechanical control measures, and d of time?	Υ					
<ol> <li>Is there a signed doc Management Area (or e</li> </ol>		ement agreement or statement relevant to the site and CoGP Farm	Υ					
5. Are sea lice count re	cords available for ins	pection? (Legal SSI, CoGP Annex 6)	Υ					
6. Do records adequate	ly reflect the required	standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	Υ					
7. Are sea lice ( <i>L. salmo</i> records are inspected?		low the suggested criteria for treatment in the CoGP during the period that	Υ					
<ol> <li>Have average adult female sea lice (L. salmonis) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or N</li> <li>or above (from w/b 10/6/19) during the period that records are inspected?</li> </ol>								
If yes, have these been	reported to the Fish H	Health Inspectorate? If no, FHI see comment.	N/A					
9. Is <i>C. elongatus</i> infes	tation at a level which	is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	N					
•		stered or other actions taken when <i>L. salmonis levels</i> have exceeded the <i>elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	N/A					
11. Has any other action	n been taken (where a	applicable)?	N/A					
•	•	s taken had a significant impact upon the lice levels recorded?	N/A					
•		out in cooperation between participating farms?	Υ					
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?								
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised 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 plac	ce to mitigate against t	the predation experienced on site? (Detail below)	Υ					
If other, detail below:								
ADD,, tension nets, sea	l blinds, top nets, MM	L,						
3. Have escape incider	nts or events been exp	perienced on or in the vicinity of the site since the last FHI inspection?	N					
If Yes proceed with que	stions 4 – 9. If No skip	to question 10						
4. Have these been rep	orted to Scottish Minis	sters?						
5. Have these been rep	orted to local DSFB fo	orthwith (where they exist)? (CoGP - 4.4.37, 5.4.17)						
6. Have these been rep	orted to the SSPO an	d local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)						
7. Were methods (if any	y) used to recover esc	apees? If yes give detail						
0	wadwa this	was adviith loos wild fish interests and was a series in the Cost'!						
Ministers? (Legal, CoGI	P – 4.4.38, 5.4.18)	greed with local wild fish interests and was permission given by Scottish						
9. What action was take	en to prevent and mini	mise the risk of further escapes? (Not covered in code but could						
be considered under	satisfactory measu	res of the Act)						
10. Is the site inspected	l as satisfactory with r	egards to containment? If no, please detail reason(s)	Υ					

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2020-0020	Site No: FS0091	
Date of Visit: 10/03/202	20 Inspector:	
Point of Compliance		
1. Is the farm under inspection located	d within a farm management area?	Y
If N, no further questions require com	pletion.	
Points of Compliance for Both Farr	m Management Agreements and Statements	
<ul> <li>3. Is the current FMAg/S available for</li> <li>4. Does the FMAg/S identify the relevant</li> <li>5. Does the FMAg/S identify the fish for</li> <li>6. Does the FMAg/S identify the date</li> <li>7. Does the FMAg/S identify the date</li> </ul>	ant farm management area? farm site(s) to which it applies? of commencement of the agreement or statement of review?	Y Y Y
Arrangements for Fish Health Mana	agement	
8. Does the FMAg/S identify the minin farm?	mum health standards for the stocks to be introdu	uced to the area or Y
10. Does the FMAg/S identify the spe-	ination requirements for stocks held in the area of cies of fish which may be stocked into the area of ximum stocking density of any pen on any farm in	or farm?
12. Does the FMAg/S identify the arrafish farm in the area or the individual	angements for the storage and disposal of any de farm?	ead fish from any
Arrangements for The Managemen	t of Sea Lice	
13. Does the FMAg/S identify arrange	ements for the sharing of data on sea lice number	rs and treatments?
14. Does the FMAg/S identify the available of statement?	ilability and the use of medicines on farms covere	ed by the agreement Y
15. Does the FMAg/S identify any req lice on farms in the area or individual	uirements for the sensitivity testing of available tr farms?	
16. Does the FMAg/S identify the circused on farms in the area or individual	umstances under which biological controls and c al farms?	
17. Does the FMAg/S identify the arra	angements for synchronous treatments on farms	within the area?
Live Fish Movements		
area or farm?	umstances when live fish may be introduced or re	

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Harvesting		
20. Does the FMAg/S identify acceptal	ble harvest practices on farms in the area or individu	ual farms?
Fallowing		
21. Does the FMAg/S identify the date date when a farm or area may be resto	s by which the area or individual farm will be fallow a ocked?	and the earliest
•	one or more year classes may be stocked onto sites	s covered by the
_	broodstock or potential broodstock are to be kept or nt?	n any site
Point of Compliance for Farm Mana	gement Agreements Only	
24. Does the farm management agree parties to the agreement?	ement include arrangements for persons to become,	or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and	d operated in accordance with the agreement or stat	tement?
26. What is the version no/date of issu	ue of the FMAg/S? written 16/9/2019, review	ved 16/9/2019

Site No: FS0091 Case No: 2020-0020

Action taken (FHI):

Nature of non-compliance:

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

Case No:	2020-0020			Date of visit:	10/03/2020			
Site No:	FS0091	l		Inspector:		l		
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp		Insp	Writing	Insp	2 <sup>nd</sup> Insp
	-							
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	+							
	1							
	<b>-</b>							
	-							
	_							
Report Summary								
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
ECI, CNI, SLI, VMD	19/03/2020		2 11130					
,,,								
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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

INSPECTOR CASE No 20200020

# 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.

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 in the last cycle 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:

 FS numbers must be recorded in the source/destination section of the movement record book, for all movements including cleaner fish, to allow for better traceability of stocks. It was discussed with the site manager that this would be recorded in future. No further action is required.

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

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: 19/03/2020

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at <a href="https://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter">www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter</a>

FHI 059, Version 12		Issued by: FHI	Date of issue: 0			
Case No: 2020-0102			Date of visit: 06/03/2	020		
Time spent on site:	1	Mair	n Inspector:			
Site No: SS0056 Business No: SB0035	Site Name: Business Name:	The Strand Isle of Colonsay Oys	ters	=		
Case Types: 1 REG	2 UNI 3	4 5	6			
Water Temp (°C):	Thermometer No:		FHI 045 completed			
Observations:	Region: ST	Water type:	CoGP MA			
Dead/weak/abnormally behaving 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.  If yes, see additional information/clinical score sheet.				
UNI/REG only - if unable to carry						
	tide not io	w enough to inspect stock				

Some stock are held near the grading shed for ease of access, these were observed from the shore.

Site was inspected unannounced due to having spare time on Colonsay, due to tides the site could not be inspected however paperwork was completed with the owner/operator.

One consignment imported from Guernsey since the last inspection, most recent stock from Seasalter.

All stock sold for human consumption.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2020-0102		Site No:	SS0056				
Date of Visit:		06/03/2020	1		Inspector(s):			]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		te representa	utive?			Y N	
Site Details						_		
Total No facilities		300	Facilities sto	cked	150	No facilitie	s inspected	0
Species	CGI							
Age group	2017 to							
No Fish	150,000							
Mean Fish Wt	Mix							
Next Fallow Date (S	ite)	ongoing cycle	е	Next Input Da	ite (Site)	April, 2020		
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:					,	·	,	
Movement Records	 S							
1. Movement record	s available fo	r inspection?						Y
2. Date of last inspe							18/05/2016	
3. Are records comp		ectly entered?						Y
4. Are movement re	cords availab	e for dead fis	h and waste?					N/A
5. Are records comp	lete and corre	ectly entered?						Y
6. Are health certific	ates for introd	luctions (outw	ith GB) availa	able?				Y
Transport Records								
Are any movement		t by (or on bel	nalf) of the bu	isiness (not usi	ing a STB)?			
If yes, is there a sys			•	•	_			
Mortality Records								
Mortality records a	available for i	nspection?						N/A
2. How are mortalitie					Other (detail	)		
If other detail:			ore, or used	as path materia				
3. Mortality records	complete and	correctly ente	ered?					N/A
4. Recent mortality (	last 4 wks):		none					
5. Evidence of recer	nt increased/a	typical mortal	ities?					N/A
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
6 Any other peaks i	n na artalitu du	ring paried sh	a alka dO					N/A
<ol><li>6. Any other peaks i If yes, detail:</li></ol>	in mortality du	ing period ch	eckeu?					IN/A
7. Have increased (	unexplained)	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	RT case and e	enter on morta	ality events s	heet.	N/A

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

Results of Surveillance

3. Any significant results?

2. If yes, are results available for inspection?

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

Records checked between:

18/5/2016 to 6/3/2020

Date of issue: 08/10/2018 FHI 059, Version 12 Issued by: FHI Case Number: 2020-0102 Site No: SS0056 Date of Visit 06/03/2020 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen Yes No 25 Susceptible to Bonamia ostrea (OED) 0 Susceptible to Marteilia refringens (OED, MED) 0 3 Susceptible to OsHV (CGI) 0 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal 0 excursion 0 2 10 Live shellfish movements 0 1-2 >3 Frequency of movements on from equivalent MS O 5 10 Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 Number of suppliers 0 5 10 5 Movements off Frequency of movements off within MSS Management 0 1 2 Frequency of movements off outwith MSS Management 0 3 6 n Areas 0 3 Number of destinations Secure Unsecure Management (effluent (no effluent treatment) practices None treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within 0 2 6 0 MSS management area Depuration of stock from sites outwith MSS management 0 8 0 area Number of sites 2 or 3 > 4 **Biosecurity** Contacts with other Sites operating from single shorebase Sites sharing staff and equipment sites Yes No Disinfection of equipment between sites, use of footbaths etc 0 0

Total Risk

\_OW

Case No:	2020-0102	Date of visit: 06/03/2020								
Site No:	SS0056	l		Inspector:		ı				
Results Summary	Freq.			Dat	te of Notificat	tion				
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp		
Report Summary										
Report Summary Case Type UNI,REG	Date	Insp	2 <sup>nd</sup> Insp							
UNI REG	01/04/2020	шэр	Z IIISP							
OTTI,I LEG	01/04/2020									





Isle of Colonsay Oysters The Strand, Isle of Colonsay Argyll PA61 7YR

# FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0035
 Date of Visit
 06/03/2020

 Site No
 Site Name
 The Strand

 Inspector
 Case No
 20200102

# Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, without prior notification, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

On this occasion, an inspection of the stocks could not be conducted due to tidal conditions. This inspection will be rescheduled at a later date.

#### Records

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

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

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

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

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

The biosecurity measures plan for the site was inspected and found to be adequately maintained and implemented.

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



The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at <a href="https://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter">www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter</a>

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2020-0105			Date of visit: 02/03/2020
Time spent on site:		Main Inspe	ctor:
Site No: FS0023 Business No: FB0395	Site Name: Business Name:	Loch Fad Loch Fad Fisheries Ltd.	
Case Types: 1 REG 2	3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: F	CoGP MA
Dead/weak/abnormally behaving to Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional in	formation/clinical score sheet. formation/clinical score sheet. formation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:	

Site is taking fish from invicta trout and growing them on in pens and releasing them to the loch. Production figures have been submitted, although it does not seem like the site has production. Fish which have been taken onto site from Invicta have been classed as production, although there has been no harvesting of fish.

The site and fishery is still having issues with argulus.

FHI 059, Version 12		Issu	ed by: FHI			Date of issu	ie: 08/10/2018
Case No: 2020	0-0105	Site No:	FS0023	3			
Date of Visit:	02/03/2020			Inspector(s):			]
Registration/Authorisati  1. Business/site details su  2. Changes made to deta	ummary checked by s	ite representa	ative?			Y N	}
Site Details							
Total No facilities Species Fallo	13 ow	Facilities sto	cked	0	No facilities	inspected	0
Age group No Fish							
Mean Fish Wt Next Fallow Date (Site)			Next Input Da	ate (Site)			
Recent (last 4 wks) disea: If yes, detail:	se problems?		N	Any escapes	(since last v	isit)?	N
<ol> <li>Movement records ava</li> <li>Date of last inspection:</li> <li>Are records complete at</li> <li>Are movement records</li> <li>Are records complete at</li> <li>Are health certificates for transport Records</li> <li>Are any movements ca</li> </ol>	and correctly entered? available for dead fis and correctly entered? for introductions (outw	h and waste? vith GB) availa	able?	ing a STB)?		14/02/2017	Y Y Y N/A
If yes, is there a system in		•	•	_			Y
Mortality Records  1. Mortality records availa  2. How are mortalities dis If other detail:	•			Domestic wa	iste - <25kg		Y
Mortality records comp	lete and correctly ente		d mortality in la	st 4 weeks, bu	ut records av	ailable for pe	Y
4. Recent mortality (last 4 5. Evidence of recent incr	reased/atypical mortal	checked ities?		,			N
If yes, facility nos/no mort	ality per facility/no sto	ck per facility	/reason:				
6. Any other peaks in mor If yes, detail:	rtality during period ch	ecked?					N
7. Have increased (unexplif yes, detail action:				enter on morta			N/A

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Recent treatments (last 4 wks)?  If yes, detail:		
If other, detail:		
Medicines records available for inspect		
Are records complete and correctly en     Are fish in a withdrawal period?	itered?	
4. Are fish in a withdrawal period? 5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?		
Biosecurity Records		
Biosecurity records available for insper	ection?	
•	rtality removal, recording and safe disposal be	en considered?
•	he APB will notify Scottish Ministers or vetering	
increased (unexplained) mortality at the	•	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	e event that the presence or suspicion of the previous when that will be notified to Scottish Ministers	
	animals being stocked on the farm site been co	
•	neasures implemented between each epidemi movement of staff, visitors, equipment, live or o	
·	the measures in place to maintain the physica	
aquaculture animals held on site?		
8. Have the biosecurity procedures been If no, detail:	adequately implemented on site?	
Results of Surveillance		
Has any animal health surveillance be	een carried out by, or on behalf of, the busines	s?

14/02/2017 - 02/03/2020

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	of issue	: 08/10/2018
Case Number:	2020-0105		Site No:	FS0023		Insp:	
Date of Visit	02/03/2020		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	
Species .	Number of sup	ncluding third country	0			14	-
Movements off	Frequency of n		0			10	
Movements on	Number of des		0			10	- ·
Exposure via water		Site contacts	0			_	
Water contacts with other		ed (secure water supply through					
farms (holding species susceptible to same	disinfection or l	,	0				
diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		1
·		or in a coastal zone with category III					
		n or within 1 tidal excursion	1	3	6		oxdot
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
	namio apolican	Tot walling a data execution					
Management practices			None	Secure	Unsecure		_
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				-
	Processing fish equivalent state	n from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	n from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	Ī			0
products	Common proce	esses with other farms	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				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1	1			-
CoGP/Regulator				•			
Practices in accordance	Yes		0				
with regulator or industry code of practice	No		3				3
Platform access to cages	Yes		0				0
	No		2				
					Total		4
					Rank		LOW

Case No:	2020-0105	Date of visit: 02/03/2020								
Site No:	FS0023	1		Inspector:		1				
Results Summary	Freq.			Dat	te of Notificat	tion				
		Database	Insp		Insp	Writing	Insp	2 <sup>nd</sup> Insp		
	<del> </del>									
	<del>                                     </del>									
Report Summary										
Case Type	Date	Insp	2 <sup>nd</sup> Insp							
REG	20/03/2020		Z 1115P							
1120	20/00/2020									
	1									
	<u> </u>									





Loch Fad Fisheries Ltd. Loch Fad Rothesay Isle of Bute PA20 9PA

# FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0395
 Date of Visit
 02/03/2020

 Site No
 FS0023
 Site Name
 Loch Fad

 Inspector
 Case No
 20200105

# Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

## Records

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

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

Mortality records were inspected and found to be adequately maintained.

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

Signed:

Fish Health Inspector

Date: 25/03/2020

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at <a href="www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter">www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter</a>
R10

FHI 059, Version 12	I	Issued by: FHI	Date of issue: 08/10/2018			
Case No: 2020-0106			Date of visit: 03/03/2020			
Time spent on site:	hours	Main In:	spector:			
Site No: FS0285 Business No: FB0144	Site Name: Business Name:	Cassillis Mill River Doon Trout Co Ltd				
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6			
Water Temp (°C): 3.66	Thermometer No:	T213	FHI 045 completed			
Observations:	Region: ST	Water type: F	CoGP MA			
Dead/weak/abnormally behaving Clinical signs of disease observe 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 N				
UNI/REG only - if unable to carry	out intended visit detail	reason below:				

Water quality has been reduced over the last couple of weeks and fish were not feeding. SEPA were notified at the time, however problem seems to be resolving itself.

Treatments are rarely used on the fish, generally anaesthetic is only used to cull fish.

Site manager is thinking of shutting down business due to issues with the price of trout, although site will remain open for the foreseeable future.

VMD fish looked healthy when it was opened.

FHI 059, Version 12			Issu	ed by: FHI			Date of issue	e: 08/10/2018
Case No:	2020-0106		Site No:	FS0285				
Date of Visit:		03/03/2020			Inspector(s):			]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	itive?			Y N	
Site Details								_
Total No facilities		9	Facilities sto	cked	6	No facilitie	s inspected	9
Species	RTR	TRT						
Age group	2019	2019						
No Fish	15,000	11,000						
Mean Fish Wt	900 g	600 g						
Next Fallow Date (S	ite)	Possibly 202	22	Next Input Da	ite (Site)	March 202	0	
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last)	visit)?	N
If yes, detail:					, <b>,</b>	(	,.	
Movement Records	s							
1. Movement record	s available fo	r inspection?						Y
2. Date of last inspe-		·					12/11/2018	
3. Are records comp		ectly entered?	?					Y
4. Are movement re-	cords availab	e for dead fis	sh and waste?					Y
5. Are records comp	lete and corre	ectly entered?	?					Y
6. Are health certific	ates for introd	luctions (outv	vith GB) availa	ıble?				N/A
Transport Records	;							
1. Are any movemen		t by (or on be	half) of the bu	siness (not usi	ing a STB)?			Y
If yes, is there a syst				•	_			Y
Mortality Records	•							
Mortality records a	available for i	nspection?						Y
2. How are mortalities		•			Whole fish -	Dundas Che	emicals	
If other detail:								
3. Mortality records	complete and	correctly ent	ered?					Y
4. Recent mortality (	last 4 wks):		Average 9/w	k across the w	hole site			
5. Evidence of recer	nt increased/a	typical mortal	lities?					N
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:				
6. Any other peaks in	n mortality du	ring period ch	necked?					N
If yes, detail:								
7. Have increased (	unexplained) i	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	RT case and e	enter on morta	ility events s	heet.	N/A

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

2. If yes, are results available for inspection?

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

3. Any significant results?

1 111 059, VEISIOII 12							155	ueu by. i				
Case no:	2020-01	06	Site No:		FS0285			Date of v		03/0	03/2020	03/0
Priority samples:	VI		ВА		PA		MG		,. HI			
Time sampling starts/ends:	11:3	0:00	12:0	0:00		Inspecto	or:			VMD No	o.	1
Environmental conditions:	1	Dry	2	Calm	3	Cloudy	4		5			
Summary samples	HIST		ВА		MG		VI	F	PA		Total Sa	amples
Add Fish/Pools - click												
Pool/Fish No												
Fish nos	F1											
Pool Group												
Species	RTR											
Average weight	900 g											
Sex	N/A											
Water Type	FW											
7.												
	=											
	JO.											
<u>s</u>												
Oetails	ieri	<b> </b>										
	Northern Trout	<b> </b>										
Stock Origin Facility No												
ಸ್ರ Facility No	01											

03/2020	Addition	nal Sam	ple Infor	mation:							
0	ı	Total To	ests ass	igned	0	1					
	I										

FHI 059, Version 12		Issued by: FHI				Date o	of issue	: 08/10/2018
Case Number:	2020-0106		Site	No:	FS0285		Insp:	
Date of Visit	03/03/2020		No c	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	0
with GB) of susceptible species		novements on from equivalent zone	or	0	9	18	26	
·	Number of sup	ncluding third country pliers	+	0	5	10	14	-
Movements off	Frequency of m	novements off	+	0	3	6	10	10
Wovernerits on	Number of des		+	0	3	6	10	10
Exposure via water		Site conta	cts	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 I n or within 1 tidal excursion		1	2	4		1
	farms upstream	or in a coastal zone with category II n or within 1 tidal excursion		1	3	6		ш
		or in a coastal zone with category \ n or within 1 tidal excursion		1	4	8		ш
Management practices			None	е	Secure	Unsecure		
Water contacts with processors	Any processing	រ plant discharging into adjacent wat	ers	0	1	2		0
On farm processing within the rules of the directive	No on farm pro			0				0
	Processing own	n fish (re-cycling risk)		1				
	Processing fish	from MS of equivalent status		2				
	equivalent statu			4				
		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				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	inpasteurised feed		0				0
	Feeding unpas	teurised feed		5				-
Biosecurity		Number of si	tes	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0	1	2		0
	Sites sharing s	taff and equipment		0	1	2		
Disinfection of equipment	Yes		$\top$	0				0
between sites, use of footbaths etc	No			1				ш
CoGP/Regulator								
Practices in accordance	Yes		$\top$	0				$\overline{}$
with regulator or industry code of practice	No			3				3
Platform access to cages	Yes			0				0
	No			2				
						<b>Total</b> Rank		24 MEDIUM

Case No:	2020-0106		Site No:	FS0285	
Sea Lice Inspection (S	• •	in the previous 4 years?			
	•	quivalent) fallowed synchro	nously on a single ye	ar class basis?	
3. Does the site have a azamethiphos and emacan these be deployed	access to a range of lic amectin benzoate) as in a reasonable period cumented farm manag	enced in-feed and bath sea well as access to suitable bi	lice medications (inclinological and/or mech	uding deltamethrin, anical control measures	s, and
		pection? (Legal SSI, CoGP	Annex 6)		
6. Do records adequate	ely reflect the required	standard specified in the SS	SI and the CoGP? (Le	gal SSI, CoGP Annex 6	5)
7. Are sea lice ( <i>L. salm</i> records are inspected?		ow the suggested criteria fo	r treatment in the Co	GP during the period the	at
		<i>monis</i> ) numbers per fish been not that records are inspected		bove (prior to w/b 10/6/1	19) or
If yes, have these beer	reported to the Fish I	lealth Inspectorate? If no, F	HI see comment.		
9. Is C. elongatus infes	station at a level which	is considered to cause sign	ificant welfare proble	ms? (CoGP 4.3.81, 5.3.	50)
		stered or other actions taker elongatus is considered to h			
11. Has any other action	on been taken (where a	ipplicable)?			
12. Have therapeutic tr	eatments or the action	s taken had a significant imp	pact upon the lice lev	els recorded?	
13. Are treatments, who	ere conducted, carried	out in cooperation between	participating farms?		
sea lice?	•	where fewer populations or			
15. Is there a site spec scenarios during the es		ement procedure with waypo nfestation?	oints describing set ac	ctions to deal with recog	nised
16. Do the sea lice leve	els observed on stocks	reflect sea lice count data?	If no please detail re	asons.	
Containment Inspecti	ion				
1. Has the site experien	nced equipment dama	ge due to predators in the cu	urrent or previous pro	duction cycles?	N
•	ce to mitigate against	he predation experienced or	n site? (Detail below)		Υ
Fence					
If other, detail below:					
3 Have escape incide	nts or events been ev	perienced on or in the vicinity	v of the site since the	last FHI inspection?	N
If Yes proceed with que	·		y or the site since the	idati i ii iiiapectioii:	
4. Have these been rep					
5. Have these been rep	ported to local DSFB fo	orthwith (where they exist)? (	(CoGP - 4.4.37, 5.4.	17)	
6. Have these been rep	oorted to the SSPO an	d local fisheries trusts forthw	vith (where they exist)	? (CoGP – 4.4.37, 5.4.	17)
7. Were methods (if an	y) used to recover esc	apees? If yes give detail			
8. If all nets were deni-	oved was this action a	greed with local wild fish inte	erests and was nermis	ssion given by Scottish	
Ministers? (Legal, CoG		grosa wila listi lille		DOISH GIVEN BY OCCURS	
9. What action was tak	en to prevent and min	mise the risk of further esca	pes? (Not covered in	code but could	
be considered under	r satisfactory measu	res of the Act)			
10. Is the site inspected	d as satisfactory with r	egards to containment? If no	o, please detail reaso	n(s)	Y

Date of issue: 08/10/2018

Case No:	2020-0106			Date of visit:	03/03/2020			
Site No:	FS0285	1		Inspector:		1		
Results Summary	Freq.			Dat	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
	<del>                                     </del>							
	<del>                                     </del>							
	-							
	-							
Report Summary				1				
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
ECI, CNI,VMD	25/03/2020							





River Doon Trout Co Ltd Cassillis Mill Dalrymple Ayr KA6 6BD

## FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0144 SITE NO FS0285 INSPECTOR DATE OF VISIT 03/03/2020 SITE NAME Cassillis Mill CASE NO 20200106

## Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

#### Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

R04

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

The biosecurity measures plan for the site was inspected and found to be adequately maintained and implemented.

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

## Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed:

Fish Health Inspector

Date: 25/03/2020

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at <a href="https://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter">www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter</a>

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2020-0107			Date of visit: 03/03/2020
Time spent on site:	5 hours	Main Inspecto	or:
Site No: FS0614 Business No: FB0572	Site Name: Business Name:	Holywood Breeding Centre AquaGen Scotland Ltd	
Case Types: 1 ECI 2	CNI 3	4 5	6
Water Temp (°C): 9.8	Thermometer No:	T213	FHI 045 completed
Observations:	Region: DG	Water type: F	CoGP MA
Dead/weak/abnormally behaving to Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N 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:**

Site had a high rate of egg fertilisation, however there was then trouble with white spots appearing on eggs and early hatching. I waste collected by Billie Bowie and transported to Dundas Chemicals.

Received a shipment of eggs from Norway on the 17/01/2019. (intra.no.2019.0000131 (no-0028399).

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2020-0107	]	Site No:	FS0614				
Date of Visit:		03/03/202	20		Inspector(s):			]
Registration/Authornal 1. Business/site detaction 2. Changes made to	ails summary		site representa	ative?			Y N	
Site Details								
Total No facilities		16	Facilities sto	cked	6	No facilitie	s inspected	16
Species	SAL	SAL	SAL					
Age group	17s0	19S1	2020					
No Fish	414	30,225	12.5 million					
Mean Fish Wt	10 Kg	592 g	OVA					
Next Fallow Date (S	ite)	No plans		Next Input Da	ate (Site)	April 2020		
Recent (last 4 wks)	disease nroh	lems?		N	Any escapes	(since last)	vicit\2	N
If yes, detail:	disease prob	icilis:			Arry escapes	(Sirice last	visit):	IV
Movement Record								
Movement record		r inenection	2					
2. Date of last inspe		ii iiispeciioii	•				14/11/2018	'
3. Are records comp		ectly entered	42				14/11/2010	Y
4. Are movement re		•		•				Y
5. Are records comp								Y
6. Are health certific		-		able?				Y
Transport Records		`	,					
1. Are any movement		ıt by (or on b	ehalf) of the bu	isiness (not us	ing a STB)?			Y
If yes, is there a sys			•	•	_			Y
Mortality Records	·		·					
1. Mortality records	available for i	nspection?						Y
2. How are mortalitie	es disposed o	of?			Whole fish -	Dundas Che	emicals	
If other detail:								
3. Mortality records	•	correctly er						Y
4. Recent mortality	(last 4 wks):		WK 9 0.22%	68) WK 8 0.2	22% (68) WK	7 0.1% (31)	WK6 0.2% (6	
<ol><li>Evidence of recer</li></ol>		• •						N
If yes, facility nos/no	mortality per	facility/no s	tock per facility	/reason:				
6. Any other peaks i	n mortality du	ırina period (	checked?					N
If yes, detail:								
7. Have increased (	unexplained)	mortalities b	een reported to	vet or FHI?				N/A
If yes, detail action:	,		·					
8. Have 'mortality ev	ents' been re	ported to FI	II? If no, add M	IRT case and e	enter on morta	ality events s	sheet.	N/A

FHI 059, Version 12	Issued by: FHI Date	of issue: 08/10/2018
Recent treatments (last 4 wks)?		N
If yes, detail:		
If other, detail:		
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)?	T.M.S.	
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 mo	rtality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which t	the APB will notify Scottish Ministers or veterinary professional of a	iny
increased (unexplained) mortality at the	e site been included?	Y
4. Has the action that will be taken in the	e event that the presence or suspicion of the presence of a listed d	isease Y
	when that will be notified to Scottish Ministers?	
	animals being stocked on the farm site been covered (equal or hig	her Y
health status, certification if required)?		
6. Have the husbandry and biosecurity r	measures implemented between each epidemiological unit to minir	nise Y
•	movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding aquaculture animals held on site?	the measures in place to maintain the physical containment of	Y
8. Have the biosecurity procedures been	n adequately implemented on site?	Y
If no, detail:		

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

**Results of Surveillance** 

3. Any significant results?

2. If yes, are results available for inspection?

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

Records checked between:

14/11/2018 - 03/03/2020

FHI 059, Version 12		Issued by: FHI			Date of	of issue	: 08/10/2018
Case Number:	2020-0107		Site No:	FS0614		Insp:	
Date of Visit	03/03/2020		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	5
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
Special Control of the Control of th	Number of sup	ncluding third country	0			14	5
Mayamanta off							
Movements off	Frequency of n Number of des		0			10 10	6
Exposure via water	rtuiliber er des	Site contacts					
Water contacts with other	Farm is protect	ed (secure water supply through					
farms (holding species	disinfection or l	,	0				0
susceptible to same diseases)		or in a coastal zone with category I or within 1 tidal excursion	1	2	4		
,	•	or in a coastal zone with category III					$\vdash$
		or within 1 tidal excursion	1	3	6		ш
		or in a coastal zone with category V or within 1 tidal excursion	1	1	8		
	iaims upstream	TOT WILLIAM T HOUSE EXCULSION	<u>'</u>	-	<u> </u>		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				-
	Processing fish from zone or compartment of equivalent status						
	Processing fish	from Category III farm	8				
	Processing fish	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				
	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				-
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		
Disinfection of equipment	Yes		0	]			0
between sites, use of footbaths etc	No		1	1			-
CoGP/Regulator							
Practices in accordance	Yes		0	1			
with regulator or industry code of practice	No		3	-			3
STATE OF PROCEED				J			
Platform access to cages	Yes		0				0
	No		2				
					Total		26
					Rank		HIGH

Case No:	2020-0107		Site No:	FS0614	
•	(Seawater Sites Only) enced sea lice problems in	n the previous 4 years?			
2. Is the CoGP Farm I	Management Area (or equ	uivalent) fallowed synchronousl	y on a single y	ear class basis?	
azamethiphos and em	namectin benzoate) as we d in a reasonable period o	nced in-feed and bath sea lice mell as access to suitable biologic of time? ment agreement or statement re	cal and/or med	chanical control measures, a	and
Management Area (or		•			
5. Are sea lice count r	ecords available for inspe	ection? (Legal SSI, CoGP Annex	x 6)		
6. Do records adequa	tely reflect the required st	andard specified in the SSI and	I the CoGP? (L	Legal SSI, CoGP Annex 6)	
7. Are sea lice (L. salr records are inspected		w the suggested criteria for trea	tment in the C	oGP during the period that	
	•	onis) numbers per fish been at a that records are inspected?	a level of 3 or	above (prior to w/b 10/6/19)	) or
If yes, have these bee	n reported to the Fish He	alth Inspectorate? If no, FHI see	e comment.		
9. Is C. elongatus infe	estation at a level which is	considered to cause significan	t welfare probl	ems? (CoGP 4.3.81, 5.3.50	0)
		ered or other actions taken whe ongatus is considered to have w			
11. Has any other acti	ion been taken (where ap	plicable)?			
12. Have therapeutic t	treatments or the actions	taken had a significant impact u	pon the lice le	evels recorded?	
13. Are treatments, wh	here conducted, carried o	ut in cooperation between partic	cipating farms	?	
14. Is there a harvesti sea lice?	ng strategy for the site, w	here fewer populations or part p	oopulations are	e held without treatment for	
	cific written lice managem escalation of a sea lice inf	nent procedure with waypoints diestation?	lescribing set a	actions to deal with recogni	sed
16. Do the sea lice lev	els observed on stocks re	eflect sea lice count data? If no	please detail r	reasons.	
Containment Inspect	tion				
•		due to predators in the current	or previous pr	roduction cycles?	N
2. Are measures in pla	ace to mitigate against the	e predation experienced on site	? (Detail below	v)	Υ
Tank lids	Site Inside	Pest control			
If other, detail below	r:				
					1
•	•	rienced on or in the vicinity of th	ne site since th	e last FHI inspection?	N
	uestions 4 – 9. If No skip t	•			
4. Have these been re	eported to Scottish Ministe	ers?			
5. Have these been re	ported to local DSFB fort	hwith (where they exist)? (CoGF	P - 4.4.37, 5.4	4.17)	
6. Have these been re	ported to the SSPO and I	local fisheries trusts forthwith (w	here they exis	st)? (CoGP – 4.4.37, 5.4.17	)
7. Were methods (if a	ny) used to recover escap	pees? If yes give detail			
8. If aill nets were den	loved was this action agre	eed with local wild fish interests	and was perm	nission given by Scottish	
Ministers? (Legal, Co		The state of the s	and mad point	manager of the state of the sta	
9. What action was ta	ken to prevent and minim	ise the risk of further escapes?	(Not covered i	in code but could	
be considered under	er satisfactory measure	s of the Act)			
10. Is the site inspecte	ed as satisfactory with reg	pards to containment? If no, plea	ase detail reas	on(s)	Y

Date of issue: 08/10/2018

Case No:	2020-0107			Date of visit:	03/03/2020			
Site No:	FS0614	1		Inspector:		l		
Results Summary	Freq.			Dat	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
Report Summary Case Type								
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
ECI, CNI	23/04/2020							





AquaGen Scotland Ltd
BETA Centre Unit 16A
Stirling University Innovation Park
Stirling
FK9 4NF

# FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0572 SITE NO FS0614 INSPECTOR DATE OF VISIT 03/03/2020
SITE NAME Holywood Breeding Centre
CASE No 20200107

### Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

#### Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

Reports detailing the results of animal health surveillance carried out by or on behalf of the business and/or Marine Scotland were available for inspection.

The biosecurity measures plan for the site was inspected and found to be adequately maintained and implemented.

### Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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



Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at <a href="https://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter">www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter</a>

Date: 23/04/2020

FHI 059, Version 12		Issued by: FHI	D	ate of issue: 08/10/2018
Case No: 2020-0108			Date of v	risit: 03/03/2020
Time spent on site:	2 hours	Ma	ain Inspector:	
Site No: FS0652 Business No: FB0329	Site Name: Business Name:	Gibb Hatchery Galloway Fisheries	Trust	
Case Types: 1 ECI	2 CNI 3	4 5	6	
Water Temp (°C): 4.6	Thermometer No:	T213	FHI 045	completed
Observations:	Region: DG	Water type:	F CoGP	MA
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see add	ditional information/clin ditional information/clin ditional information/clin	ical score sheet.
UNI/REG only - if unable to carry	y out intended visit deta	il reason below:		

**Additional Case Information:** 

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2020-0108		Site No:	FS0652				
Date of Visit:		03/03/2020			Inspector(s)	:		]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y Y	]
Site Details Total No facilities		21	Facilities sto	cked	8	No facilitie	es inspected	10
Species Age group No Fish	SAL Fry 61,769							
Mean Fish Wt Next Fallow Date (S	0.75g	May 2020		Next Input Da	ate (Site)	Nov 2020		
Recent (last 4 wks) (	disease probl	ems?		N	Any escape	s (since last	visit)?	N
Movement Records 1. Movement record 2. Date of last inspect 3. Are records comp 4. Are movement records comp 5. Are records comp 6. Are health certifications	s available fo ction: lete and corre cords available lete and corre	ectly entered le for dead fis ectly entered	? sh and waste? ?				12/11/2018	Y Y Y Y N/A
Transport Records 1. Are any movemer If yes, is there a syst	nts carried ou		•	•	_			Y
Mortality Records  1. Mortality records a  2. How are mortalities If other detail:					Ensiled - on	site		Y
Mortality records of the second	•	correctly ent	ered? 175 across t	he site				Y
5. Evidence of recently yes, facility nos/no		• •		/reason:				N
6. Any other peaks in If yes, detail:	n mortality du	ring period cl	hecked?					N
7. Have increased (ulif yes, detail action: 8. Have 'mortality ev	•		·		enter on mort	ality events	sheet.	N/A

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
1. Recent treatments (last 4 wks)?  If yes, detail:  If other, detail:  2. Medicines records available for inspections.  3. Are records complete and correctly entered.  4. Are fish in a withdrawal period?  5. If yes, what treatment(s)?  If other, detail:  6. Are medicines stored appropriately?		Y Y N
Biosecurity Records		
1. Biosecurity records available for inspecti 2. Has the manner and frequency of morta 3. Has the manner and period in which the increased (unexplained) mortality at the si 4. Has the action that will be taken in the e	lity removal, recording and safe disposal bee APB will notify Scottish Ministers or veterina	resence of a listed disease Y
	mals being stocked on the farm site been co	
transmission of disease been covered (mo	asures implemented between each epidemic evement of staff, visitors, equipment, live or c e measures in place to maintain the physical	lead fish etc.)?
aquaculture animals held on site?	. Theasures in place to maintain the physical	containment of
8. Have the biosecurity procedures been a find no, detail:	dequately implemented on site?	Y
Results of Surveillance		

12/11/2018 - 03/03/2020

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	of issue	: 08/10/2018
Case Number:	2020-0108		Site No:	FS0652		Insp:	
Date of Visit	03/03/2020		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
	Number of sup	ncluding third country	0			14	-
Mayamanta off							
Movements off	Frequency of n Number of des		0			10 10	3
Exposure via water	rtaniber of des	Site contacts	_				
Water contacts with other	Farm is protect	ted (secure water supply through					
farms (holding species	disinfection or	,	0				$\vdash$
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
,		or in a coastal zone with category III					
		n or within 1 tidal excursion	1	3	6		igwdow
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
	iaimo apotroan	TO WARM T add execution			<u> </u>		_
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing ow	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status						
	Processing fish	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	Ī			
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	1			0
·	Feeding unpas	· ·	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1	1			-
CoGP/Regulator				•			
Practices in accordance	Yes		T 0	1			0
with regulator or industry code of practice	No		3	-			$\vdash$
out of practice				J			
Platform access to cages	Yes		0				0
	No		2	]			
					Total		11
					Rank		LOW

Case No:	2020-0108	Site	No:	FS0652	
Sea Lice Inspection (	Seawater Sites Only) Inced sea lice problems in the previous 4	years?			
2. Is the CoGP Farm N	Management Area (or equivalent) fallowed	d synchronously on a si	ingle ye	ar class basis?	
azamethiphos and em can these be deployed	access to a range of licenced in-feed and amectin benzoate) as well as access to so in a reasonable period of time?	uitable biological and/o	or mech	anical control measures,	, and
Management Area (or					
5. Are sea lice count re	ecords available for inspection? (Legal SS	I, CoGP Annex 6)			
6. Do records adequat	ely reflect the required standard specified	in the SSI and the Co	GP? (Le	egal SSI, CoGP Annex 6)	
7. Are sea lice (L. saln records are inspected	nonis) record levels below the suggested? (CoGP Annex 6)	criteria for treatment in	the Co	GP during the period tha	t
	female sea lice ( $L$ . $salmonis$ ) numbers per $0/6/19$ ) during the period that records are		f 3 or al	bove (prior to w/b 10/6/19	9) or
If yes, have these bee	n reported to the Fish Health Inspectorate	? If no, FHI see comme	ent.		
9. Is C. elongatus infe	station at a level which is considered to ca	ause significant welfare	proble	ms? (CoGP 4.3.81, 5.3.5	50)
	reatments been administered or other active treatment or where <i>C. elongatus</i> is considered.				
11. Has any other action	on been taken (where applicable)?				
12. Have therapeutic t	reatments or the actions taken had a sign	ificant impact upon the	lice lev	els recorded?	
13. Are treatments, wh	nere conducted, carried out in cooperation	between participating f	farms?		
sea lice?	ng strategy for the site, where fewer popul				
	cific written lice management procedure w scalation of a sea lice infestation?	ith waypoints describing	g set ac	ctions to deal with recogr	nised
16. Do the sea lice lev	els observed on stocks reflect sea lice co	unt data? If no please d	detail re	asons.	
Containment Inspect	ion				
1. Has the site experie	nced equipment damage due to predators	s in the current or previo	ous pro	duction cycles?	N
2. Are measures in pla	ace to mitigate against the predation exper	rienced on site? (Detail	below)		Y
Site inside					
If other, detail below	:				
0. 11		L 1 - 1 - 1 2 - 1 1 1	H	lant Elli in ann ation 0	N
•	ents or events been experienced on or in t	ne vicinity of the site sit	nce tne	last FHI inspection?	14
	estions 4 – 9. If No skip to question 10 ported to Scottish Ministers?				
5. Have these been re	ported to local DSFB forthwith (where the	y exist)? (CoGP – 4.4.3	37, 5.4.	17)	
	ported to the SSPO and local fisheries tru				7)
7. Were methods (if an	ny) used to recover escapees? If yes give	detail			
9. If all note were den	loved was this action agreed with least will	d fish interests and was	e normi	esion given by Coeffich	
Ministers? (Legal, CoC	loyed was this action agreed with local wil GP - 4.4.38, 5.4.18)	u non interesto and was	s permi	saidir giveri by Scottish	
, -	ken to prevent and minimise the risk of fur	ther escapes? (Not cov	ered in	code but could	
	er satisfactory measures of the Act)				
	ed as satisfactory with regards to containm	ent? If no, please detai	il reaso	n(s)	Υ

Date of issue: 08/10/2018

Case No:	2020-0108			Date of visit:	03/03/2020			
				'				
Site No:	FS0652			Inspector:				
Results Summary	Freq.				te of Notificat			
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
Report Summary								
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
ECI, CNI	24/04/2020							





Galloway Fisheries Trust
Fisheries House
Station Industrial Estate
Newton Stewart, Dumfries & Galloway
DG8 6ND

# FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0329 SITE NO FS0652 INSPECTOR DATE OF VISIT 03/03/2020
SITE NAME Gibb Hatchery
CASE NO 20200108

## Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

#### Records

The surveillance frequency category of the site was assessed as low. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every third 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

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

The biosecurity measures plan for the site was inspected and found to be adequately maintained and implemented.

### Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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



Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at <a href="https://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter">www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter</a>

Date: 24/04/2020

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2020-0109			Date of visit: 03/03/2020
Time spent on site:	hours	Main In:	spector:
Site No: FS0188 Business No: FB0353	Site Name: Business Name:	Yarrowford The Yarrow Fishery	
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6
Water Temp (°C): 2.9	Thermometer No:	T213	FHI 045 completed
Observations:	Region: BO	Water type: F	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		N If yes, see additiona	al information/clinical score sheet. al information/clinical score sheet. al information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:	

### **Additional Case Information:**

Fish were in good condition. The site is in the process of building a processing unit on site, to better utilise the stock on site. Has VMD fish appereared healthy when opened.

FHI 059, Version 12	!		ls	sued by: FHI			Date of issu	ie: 08/10/2018
Case No:	2020-0109		Site No:	FS018	8			
Date of Visit:		03/03/202	20		Inspector(s):	:		]
Registration/Author	orisation Det	ails						
1. Business/site det	ails summary	checked by	site represer	ntative?			Υ	1
2. Changes made to	o details?						N	1
Site Details								
Total No facilities		10	Facilities s	stocked	9	No facilities	s inspected	10
Species	RTR	RTR	TRO	TRO				
Age group	2018	2019	2017	2018				
No Fish	65,000	55,000	2,000	2,000				
Mean Fish Wt	700g	150g	1.5 Kg	650 g				
Next Fallow Date (S	site)	No plans		Next Input D	Date (Site)	March 2019	9	
Recent (last 4 wks)	disease prob	lems?			N Any escapes	s (since last v	isit)?	N
If yes, detail:								
<b>Movement Record</b>	s							
1. Movement record	ds available fo	or inspection	?					Y
2. Date of last inspe							16/01/2018	
3. Are records comp		ectly entere	d?					Y
4. Are movement re				e?				Y
5. Are records comp	plete and corr	ectly entere	d?					Y
6. Are health certific	ates for intro	ductions (ou	itwith GB) ava	ailable?				N/A
Transport Records	5							
1. Are any moveme	nts carried ou	it by (or on h	behalf) of the	business (not u	sing a STB)?			Y
If yes, is there a sys			•	•	_			Y
Mortality Records								
1. Mortality records	available for i	inspection?						Y
2. How are mortalities		•			Other (detail	1)		
If other detail:	Incinerated					,		
3. Mortality records			ntered?					Y
4. Recent mortality	(last 4 wks):		150 across	s the site				
5. Evidence of recei	nt increased/a	atypical mor	talities?					N
If yes, facility nos/no		• •		ity/reason:				
6. Any other peaks i	in mortality du	ıring period	checked?					N
If yes, detail:	· · · · · · laina al	t-litica I		I I was to a FUIIO				N/A
7. Have increased (		mortalities i	een reported	to vet or FHI?				N/A
If yes, detail action:		norted to E	III2 If no lodd	MPT cocc one	antar an mart	ality ayonto al		N/A
8. Have 'mortality ev	vents been re	ропеа то г	Al? If no, add	IVIR I case and	enter on mort	ality events sr	neet.	IN/A

ii yes, detaii.	Fiortenicol			
If other, detail:				
2. Medicines records	s available for inspection?			Y
3. Are records comp	lete and correctly entered?			Y
4. Are fish in a withd	rawal period?			Y
5. If yes, what treatm	ient(s)?	Florfenicol		
If other, detail:				
6. Are medicines sto	red appropriately?			Y
Biosecurity Record	e			
	s available for inspection?			V
•	ind frequency of mortality remo	oval recording and safe o	disposal been considered?	Ÿ
			s or veterinary professional of any	
	ned) mortality at the site been	•	y or veterinary professionar or arry	Y
moreacea (arrexplain	iou, mortanty at the one book	inoladou.		
4. Has the action tha	it will be taken in the event tha	t the presence or suspici	on of the presence of a listed disease	Y
	luded and <i>how</i> and <i>when</i> that		•	
5. Has the health sta	itus of aquaculture animals be	ing stocked on the farm s	site been covered (equal or higher	Y
health status, certific	•		( )	
6. Have the husband	lry and biosecurity measures i	mplemented between ea	ch epidemiological unit to minimise	Y
transmission of disea	ase been covered (movement	of staff, visitors, equipme	ent, live or dead fish etc.)?	
7. Is documentation	available regarding the measu	ires in place to maintain t	he physical containment of	Y
aquaculture animals	held on site?			
8. Have the biosecur	rity procedures been adequate	ely implemented on site?		Y
If no, detail:				
Results of Surveilla	ance			
1 Has any animal he	ealth surveillance been carried	l out by or on behalf of the	he husiness?	Y
•	available for inspection?			Y
3. Any significant res	·			N
	etailed under recent disease p	roblems)		
ii joo, actaii (ii riot di	Tanca and recent disease p	, oblonioj.		
_		40/04/0040	20/00/0000	

Records checked between: 16/01/2018 - 03/03/2020

11 000, 10101011 12								aca by.				
Case no:	2020-01	109	Site No:		FS0188					03/	03/2020	03/
Priority samples:	VI		ВА		PA		MG					
Time sampling starts/ends:	12:3	0:00	13:0	0:00		Inspecto	or:			VMD N	0.	1
Environmental conditions:	1	Dry	2	Sunny	3		4		5			
Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
dd Fish/Pools - click												
Pool/Fish No												
Fish nos	F1											
Pool Group												
Species	RTR											
Average weight	150g											
	N/A											
Water Type	FW											
	=											
	ro					l						
						l						
	leri					l						
	Ę					l						
Stock Origin Facility No												
	C1											
	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	Case no:  Priority samples:  VI  Time sampling starts/ends: Environmental conditions:  Summary samples  HIST  dd Fish/Pools - click  Pool/Fish No Fish nos F1 Pool Group Species RTR Average weight Sex N/A  Water Type  Stock Origin	Case no:  Priority samples:  VI  Time sampling 12:30:00 starts/ends: Environmental conditions: 1 Dry  Summary samples HIST  dd Fish/Pools - click  Pool/Fish No Fish nos F1 Pool Group Species RTR Average weight 150g Sex N/A Water Type  Stock Origin	Case no:  Priority samples:  VI BA  Time sampling 12:30:00 13:0 starts/ends: Environmental conditions:  IDry 2  Summary samples HIST BA  dd Fish/Pools - click  Pool/Fish No Fish nos F1 Pool Group Species RTR Average weight Sex N/A Water Type  Stock Origin  Site No:  BA  Time sampling 12:30:00 13:0  Tory 2  Stock No  Tory 3  Tory 4  Tory 5  Tory 5  Tory 6  Tory 7  Tory 7	Case no:  Priority samples:  VI BA  Time sampling 12:30:00 13:00:00 starts/ends: Environmental conditions: 1 Dry 2 Sunny  Summary samples HIST BA  dd Fish/Pools - click  Pool/Fish No F1 Pool Group Species RTR Average weight 150g Sex N/A  Water Type FW  Stock Origin	Case no:    2020-0109   Site No:   FS0188	Case no:    2020-0109   Site No:   FS0188	Case no:    2020-0109   Site No:   FS0188	Date of Sampling	Date of visit/   Sampling   Date of visit/   Sampling   Sampling   Date of visit/   Date	Case no:   2020-0109   Site No:   FS0188   Date of visit/   03/   Sampling:   No:   Sampling:   Sampling:   Sampling:   HI	Case no:   2020-0109   Site No:   FS0188   Date of visit/   Sampling:   VI

03/2020 Additional Sample Information:						
0 Total Tests assigned 0						

FHI 059, Version 12		Issued by: FHI				Date o	of issue	: 08/10/2018
Case Number:	2020-0109		Sit	te No:	FS0188		Insp:	
Date of Visit	03/03/2020		No	o 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	0
with GB) of susceptible species		novements on from equivalent zone	or	0	9	18	26	
·	Number of sup	ncluding third country pliers	-	0	5	10	14	-
Movements off	Frequency of m	novements off	$\overline{}$	0	3	6	10	10
Movements on	Number of des		_	0	3	6	10	10
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		1
	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			No	one	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent wa	iters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro			0				0
	Processing own	n fish (re-cycling risk)		1				
	Processing fish	from MS of equivalent status		2				
	equivalent statu			4				
		r 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				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	inpasteurised feed		0				0
	Feeding unpas	teurised feed		5				-
Biosecurity		Number of s	ites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0	1	2		0
	Sites sharing s	taff and equipment		0	1	2		
Disinfection of equipment	Yes			0				0
between sites, use of footbaths etc	No			1				$\vdash$
CoGP/Regulator			_					
Practices in accordance	Yes		т	0				0
with regulator or industry code of practice	No			3				
Platform access to cages	Yes			0				0
	No			2				Ш
						Total Rank		21 MEDIUM

Case No:	2020-0109	Sit	te No:	FS0188	
· ·	(Seawater Sites Only) enced sea lice problems in the previous 4	years?			
2. Is the CoGP Farm N	Management Area (or equivalent) fallowe	ed synchronously on a	single ye	ear class basis?	
azamethiphos and em	access to a range of licenced in-feed and amectin benzoate) as well as access to d in a reasonable period of time? acumented farm management agreement	suitable biological and	d/or mech	nanical control measur	es, and
Management Area (or					
5. Are sea lice count re	ecords available for inspection? (Legal S	SI, CoGP Annex 6)			
6. Do records adequate	tely reflect the required standard specifie	d in the SSI and the C	oGP? (Le	egal SSI, CoGP Annex	(6)
7. Are sea lice (L. saln records are inspected)	nonis) record levels below the suggested? (CoGP Annex 6)	d criteria for treatment	in the Co	GP during the period t	that
	female sea lice ( <i>L. salmonis</i> ) numbers p 0/6/19) during the period that records are		of 3 or a	bove (prior to w/b 10/6	6/19) or
If yes, have these bee	n reported to the Fish Health Inspectorat	e? If no, FHI see com	ment.		
9. Is C. elongatus infe	station at a level which is considered to	cause significant welfa	re proble	ms? (CoGP 4.3.81, 5.	3.50)
	reatments been administered or other actreatment or where <i>C. elongatus</i> is consi				
11. Has any other acti	on been taken (where applicable)?				
12. Have therapeutic t	reatments or the actions taken had a sign	nificant impact upon th	ne lice lev	els recorded?	
13. Are treatments, wh	nere conducted, carried out in cooperatio	n between participatin	g farms?		
14. Is there a harvesting sea lice?	ng strategy for the site, where fewer popu	ulations or part popular	tions are	held without treatment	t for
	cific written lice management procedure viscalation of a sea lice infestation?	with waypoints describ	ing set a	ctions to deal with reco	ognised
16. Do the sea lice lev	els observed on stocks reflect sea lice co	ount data? If no please	e detail re	easons.	
Containment Inspect	ion				
1. Has the site experie	enced equipment damage due to predato	rs in the current or pre	vious pro	duction cycles?	N
2. Are measures in pla	ace to mitigate against the predation expe	erienced on site? (Deta	ail below)	)	Y
Top Nets					
If other, detail below	:				
0. 11		41	-! 41	14 FUU !#:0	N
•	ents or events been experienced on or in	the vicinity of the site	since the	e last FHI Inspection?	14
	estions 4 – 9. If No skip to question 10 ported to Scottish Ministers?				
	ported to local DSFB forthwith (where the				
6. Have these been re	ported to the SSPO and local fisheries tr	usts forthwith (where t	ney exist	)? (CoGP – 4.4.37, 5.4	1.17)
7. Were methods (if a	ny) used to recover escapees? If yes give	e detail			
8. If gill nets were dep	loyed was this action agreed with local w	ild fish interests and w	as permi	ssion given by Scottisl	h
Ministers? (Legal, Coo				, , , , , , , , , , , , , , , , , , , ,	
9. What action was tal	ken to prevent and minimise the risk of fu	irther escapes? (Not c	overed in	code but could	
	er satisfactory measures of the Act)				
10. Is the site inspecte	ed as satisfactory with regards to contain	ment? If no, please de	tail reaso	on(s)	Υ

Date of issue: 08/10/2018

Case No:	2020-0109			Date of visit:	03/03/2020				
Site No:	FS0188	Inspector:							
Results Summary	Freq.	Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp	
	<del>                                     </del>								
Report Summary									
Case Type	Date	Insp	2 <sup>nd</sup> Insp						
ECI, CNI, SLI	21/04/2020		2 11155						
, ,									





The Yarrow Fishery Yarrow Selkirk

TD7 5JZ

# FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0353 SITE NO FS0188 INSPECTOR DATE OF VISIT 05/03/2020 SITE NAME Yarrowford CASE NO 20200109

## Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

#### Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

Reports detailing the results of animal health surveillance carried out by or on behalf of the business and/or Marine Scotland were available for inspection.

The biosecurity measures plan for the site was inspected and found to be adequately maintained and implemented.

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

## Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed:

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at <a href="https://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter">www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter</a>

Date: 23/04/2020

FHI 059, Version 12		Issued by: FHI	Ι	Date of issue: 08/10/2018
Case No: 2020-0116			Date of	visit: 10/03/2020
Time spent on site:	hours	Ma	ain Inspector:	
Site No: FS0015 Business No: FB0119	Site Name: Business Name:	Loch Greshornish Mowi Scotland Ltd		
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	DIA 6	
Water Temp (°C): 7.6	Thermometer No:	T146	FHI 045	completed
Observations:	Region: HI	Water type:	S CoGI	P MA M-24
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see add	itional information/cli itional information/cli itional information/cli	nical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:		

#### **Additional Case Information:**

28/10/2019 1.4 kg 2.06% AGD + AGD treatments 15297 30/12/2019 2kg 3.07% Mechanical lice treatment in fish affected by AGD 21445 06/01/2020 2.1kg 2.21% Mechanical lice treatment in fish affected by AGD 14961 27/01/2020 2.3 kg 1.94% Treatment related mortality 12752 03/02/2020 2.4 kg 1.11% Treatment related mortality + AGD 7129 10/02/2020 2.48 kg 1.09% Treatment related mortality + AGD 6922 17/02/2020 2.48 kg 1.2% Treatment related mortality + AGD 7547

Lump fish input from ROI and Anglesey (Ocean Matters)

ERM - starting antibiotic treatment on Monday. Biomar supplying premixed Florfenicol. Observing lethargic fish with haemorrhaging internally. Mowil vet diag ERM.

All fish input from Lochailort Feb/March 2019. Fish moved off site to Noster in May 2019.

Input of lumpfish from ROI not in movement record book. Transport cert was available, input 28/2/20. Input 23/2/20 from Ocean Matters was in book.

Send out new movement book - sent 17/3/20

Mort disposal; Currently skipped and removed by Billy Bowie to Dundas Chemical, Moss Pary, Dumfries. Normal practice would be incineration on site.

On inspection in excess of 30 moribund fish observed in each pen, about 10% of these moribund fish with dorsal lesions mainly behind dorsal fin.

2/2/20-10/3/20; 8789 morts for last 7 days attributed to ERM. 23/2- 1/3 10093 morts attributed to treatment and ERM 15/2-22/2 7547 morts attributed to AGD and treatment.

No treatments this month (March). Last month (Feb); Extended FW treatment across site. Pens 4,11, 3, 5, and 2 treated with salmosan in Feb 2020.

Mort records available for cleaner fish; 133 morts in past week attributed to handling. Approx. 2500 morts from 1/1/20 to 10/3/20. Cleaner fish stocked at 12%.

VHP states fish will be vaccinated for ERM, Furunc, Moritella

Contact with site manager 19/3/20 for update; Movement book has been updated. Lump fish are netted out from the crowded fish prior to being pumped onto wellboat for FW treatments. Discussed the antibiotic treatment and the non-feeding moribund fish. Increased effort to remove moribund from the site, health team on site this week for further testing and investigate lesions observed in the fish. Have seen a drop in appetite from population. Confirmed the fish are not vaccinated for ERM.

Last lice count 9/3/20; Site average; gravid female; 0.16, females; 0.15, males; 0.15, pre-adults; 0.39, chalimus; 0.61, calagus; 0.01, AGD; 0.46, PGD; 0.52.

Lice figures were higher in Feb but fish were FW and salmosan treated and numbers have now come down. Pre-treatment figures 28 Jan; female gravid; 1.23, females; 0.68, adult males; 0.31, preadults; 0.7, chalimus; 0.52, caligus; 0.18, AGD; 1.11, PGD; 0.42.

FHI 059, Version 12		Issued by: FHI		Date of issue: 08/10/2018
Case No:	2020-0116		Site No:	FS0015
Date of Visit:		10/03/2	020	
Registration/Authorisation Details 1. Business/site details summary checke 2. Changes made to details?	ed by site repre	sentative?		
Site Details				
Total No facilities		12	Facilities	stocked
Species	sal	lumpfish	_	
Age group	2019 Q1	adult		
No Fish	603,000	105,000	_	
Mean Fish Wt	2.8kg	100g		
Next Fallow Date (Site)		Dec 2020		Next Input Da
Pagent (last 4 wks) disease problems?				V
Recent (last 4 wks) disease problems?  If yes, detail:	AGD and ER	M		•
Movement Records	NOD and Er			
<ol> <li>Date of last inspection:</li> <li>Are records complete and correctly end.</li> <li>Are movement records available for defections.</li> <li>Are records complete and correctly end.</li> <li>Are health certificates for introductions.</li> <li>Transport Records</li> <li>Are any movements carried out by (or lifyes, is there a system in place for main.</li> </ol>	ead fish and watered? s (outwith GB) on behalf) of t	available? he business (not using a STB)?		
Mortality Records  1. Mortality records available for inspection 2. How are mortalities disposed of? If other detail: 3. Mortality records complete and correct	on?			
Recent mortality (last 4 wks):	ily critered:		see additi	onal info
5. Evidence of recent increased/atypical If yes, facility nos/no mortality per facility/	no stock per fa			
across site, but particularly in pen 6 with	•	D/day morts. 55000 fish in pen.		
<ul> <li>6. Any other peaks in mortality during pe If yes, detail:</li> <li>7. Have increased (unexplained) mortalit If yes, detail action:</li> <li>8. Have 'mortality events' been reported</li> </ul>	see additiona ies been repor	ted to vet or FHI? prescribed antibiotics	rtality events si	heet.
The state of the s		The same and office of the		

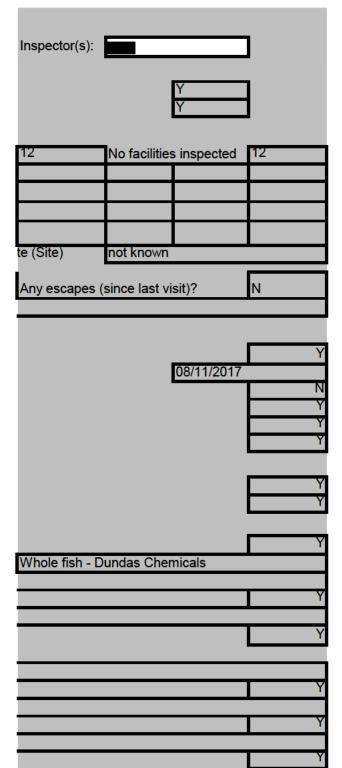
FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
<ol> <li>Recent treatments (last 4 wks)?</li> <li>If yes, detail:</li> <li>If other, detail:</li> <li>Medicines records available for inspecting and correctly entered.</li> <li>Are records complete and correctly entered.</li> <li>Are fish in a withdrawal period?</li> <li>If yes, what treatment(s)?</li> <li>If other, detail:</li> <li>Are medicines stored appropriately?</li> </ol>		salmosan
• •	tion? ality removal, recording and safe disposal be e APB will notify Scottish Ministers or veterina	
4. Has the action that will be taken in the ewhen that will be notified to Scottish Minis	event that the presence or suspicion of the preventers?	resence of a listed disease is det
5. Has the health status of aquaculture an	imals being stocked on the farm site been co	overed (equal or higher health sta
6. Have the husbandry and biosecurity me (movement of staff, visitors, equipment, liv	easures implemented between each epidemi ve or dead fish etc.)?	ological unit to minimise transmi
7. Is documentation available regarding th 8. Have the biosecurity procedures been a If no, detail:	e measures in place to maintain the physica adequately implemented on site?	l containment of aquaculture anii
Results of Surveillance		
Has any animal health surveillance bee     If yes, are results available for inspection	n carried out by, or on behalf of, the business	s?

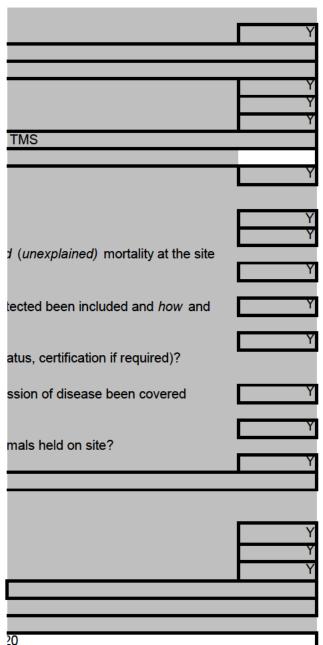
3. Any significant results?

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

Records checked between:

8/11/17-10/3/2





	11 059, VEISION 12							153	sueu by.	ГПІ			
	Case no:	2020-01	116	Site No:		FS0015			Date of Samplin		10/	03/2020	10/0
	Priority samples:	VI		ВА		PA		MG		ig. HI		l	
	Time sampling starts/ends:		0:00		0:00		Inspecto	or:			VMD No	o. [	20
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST	Υ	ВА	Υ	MG	Υ	VI	Υ	PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No	F1	F2	F3	F4	F5	P1						
	Fish nos	1	2	3	4	5	1-5	6	7	8	9		
	Pool Group	P1	P1	P1	P1	P1							
	Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL		
	Average weight	3KG	3KG	3KG	3KG	3KG	3KG	3KG	3KG	3KG	3KG		
	Sex	N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A		
	Water Type	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW		
Stock Details	Stock Origin Facility No	Lochailort	n Lochailort	တ Lochailort	Lochailort	ക Lochailort	ക Lochailort	Lochailort	Lochailort	Lochailort	J Lochailort		
S	I acility INO	6	6	0	6	0	0	1	4	8	2		

03/2020	03/2020 Additional Sample Information:													
6	6 Total Tests assigned 5													

FHI 059, Version 12 Issued by: FHI Date of issue: 08/10/2018 Method of killing: Percussive Case no: Site No: FS0015 2020-0116 Inspector(s): Sheet Relevant: Y Date of visit: 10/03/2020 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 Base of fins Elsewhere Eyes Exophthalmic Enophthalmic (sunken) Cataract Haemorrhagic Gills Pale W Zoned Necrotic Lesions Flank Elsewhere Vent Inflamed Trailing faeces Lice Load Estimate numbers Internal Signs Clear Ascites Bloody Oedema In tissues Heart Pale/anaemic Granulomas Deformed Liver Petechial haem

Gross haem Tissue breakdown

Petechial haem Tubules mauve Lack of fat

No food present Yellow pseudo-faeces External haem Internal haem

Haemorrhaging

Haemorrhaging Fluid filled

Swollen
Grey
Granular
Liquefied
Parasites present

Anaemia

Enlarged
Colour number(s)
Granulomas
Lesions

Enlarged Granulomas

Pyloric caeca

Spleen

Body wall

Kidney

General

Swim bladder

Gut

Case no: 2020-0116

Date of visit: 10/03/2020

<b>S</b> for strong preser	ce: M for medium presence: W fo	or w					
Fish Number							
	er death (if > 45 minutes)						
External Signs							
Behaviour	Moribund						
	Lethargic						
	Hanging vertical						
	Spiralling						
	Flashing						
	Loss of equilibrium						
Body	Dark						
	Distended abdomen						
	Anorexic						
	Scale Oedema						
Opercula	Shortened						
•	Flared						
Haemorrhaging	Throat						
	Ventrum						
	Base of fins						
	Elsewhere						
Eyes	Exophthalmic						
	Enophthalmic (sunken)						
	Cataract						
	Haemorrhagic						
Gills	Pale						
	Zoned						
	Necrotic						
Lesions	Flank						
	Elsewhere						
Vent	Inflamed						
	Trailing faeces						
Lice Load	Estimate numbers						
Internal Signs							
Ascites	Clear						
	Bloody						
Oedema	In tissues						
Heart	Pale/anaemic						
	Granulomas						
	Deformed						
Liver	Petechial haem						
	Gross haem						
	Tissue breakdown						
	Enlarged						
	Colour number(s)						
	Granulomas						
	Lesions						
Dulania	Petechial haem						
Pyloric caeca							
ryioric caeca	Tubules mauve						
	Tubules mauve Lack of fat						
Spleen	Tubules mauve Lack of fat Enlarged						
Spleen	Tubules mauve Lack of fat Enlarged Granulomas						
	Tubules mauve Lack of fat Enlarged Granulomas No food present						
Spleen	Tubules mauve Lack of fat Enlarged Granulomas No food present Yellow pseudo-faeces						
Spleen	Tubules mauve Lack of fat Enlarged Granulomas No food present Yellow pseudo-faeces External haem						
Spleen Gut	Tubules mauve Lack of fat Enlarged Granulomas No food present Yellow pseudo-faeces External haem Internal haem						
Spleen Gut Body wall	Tubules mauve Lack of fat Enlarged Granulomas No food present Yellow pseudo-faeces External haem Internal haem Haemorrhaging						
Spleen Gut	Tubules mauve Lack of fat Enlarged Granulomas No food present Yellow pseudo-faeces External haem Internal haem Haemorrhaging Haemorrhaging						
Spleen Gut Body wall Swim bladder	Tubules mauve Lack of fat Enlarged Granulomas No food present Yellow pseudo-faeces External haem Internal haem Haemorrhaging Haemorrhaging Fluid filled						
Spleen Gut Body wall	Tubules mauve Lack of fat Enlarged Granulomas No food present Yellow pseudo-faeces External haem Internal haem Haemorrhaging Haemorrhaging Fluid filled Swollen						
Spleen Gut Body wall Swim bladder	Tubules mauve Lack of fat Enlarged Granulomas No food present Yellow pseudo-faeces External haem Internal haem Haemorrhaging Haemorrhaging Fluid filled Swollen Grey						
Spleen Gut Body wall Swim bladder	Tubules mauve Lack of fat Enlarged Granulomas No food present Yellow pseudo-faeces External haem Internal haem Haemorrhaging Haemorrhaging Fluid filled Swollen Grey Granular						
Spleen Gut Body wall Swim bladder Kidney	Tubules mauve Lack of fat Enlarged Granulomas No food present Yellow pseudo-faeces External haem Internal haem Haemorrhaging Haemorrhaging Fluid filled Swollen Grey Granular Liquefied						
Spleen Gut Body wall Swim bladder	Tubules mauve Lack of fat Enlarged Granulomas No food present Yellow pseudo-faeces External haem Internal haem Haemorrhaging Haemorrhaging Fluid filled Swollen Grey Granular						

FHI 059, Version 12	Issued by: FHI Date of issu			of issue	: 08/10/2018			
Case Number:	2020-0116			Site No:	FS0015		lnsp:	
Date of Visit	10/03/2020			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 equiva	lent MS	0	5	10	14	5
with GB) of susceptible species		novements on from equiva	lent zone or	0	9	18	26	$\overline{}$
	Number of sup	ncluding third country		0	5	10	14	5
Movements off	Frequency of m			0	3	6	10	10
iviovements on	Number of des			0	3	6	10	3
Exposure via water			Site 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 or within 1 tidal excursion	n	1	2	4		1
	farms upstream	or in a coastal zone with on or within 1 tidal excursion	n	1	3	6		ш
		or in a coastal zone with on or within 1 tidal excursion		1	4	8		ш
Management practices				None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into ad	jacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro			0				0
	Processing own	n fish (re-cycling risk)		1				ш
		from MS of equivalent sta		2				
	equivalent statu		nt of	4				
		from Category III farm		8				$\overline{}$
	Processing fish	from Category ∨ farm		10				$\Box$
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 farm	ns	5				ш
Use of unpasteurised feeds	No feeding of u	npasteurised feed		0				0
	Feeding unpas	teurised feed		5				ш
Biosecurity		Nur	mber of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0	1	2		0
	Sites sharing s	taff and equipment		0	1	2		
Disinfection of equipment	Yes			0				0
between sites, use of footbaths etc	No			1				Н
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				
						<b>Total</b> Rank		24 MEDIUM

Case No:	2020-0116	Site No: FS0015	
Sea Lice Inspection (S	••		
•	•	s in the previous 4 years?	N
	-	equivalent) fallowed synchronously on a single year class basis?	Y
azamethiphos and ema can these be deployed	mectin benzoate) as in a reasonable period		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? (Legal SSI, CoGP Annex 6)	Υ
7. Are sea lice ( <i>L. salmo</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) or od that records are inspected?	N
If yes, have these been	reported to the Fish I	Health Inspectorate? If no, FHI see comment.	N/A
9. Is <i>C. elongatus</i> infes	tation at a level which	is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	N
•		stered or other actions taken when <i>L. salmonis levels</i> have exceeded the <i>elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	Υ
11. Has any other action	n been taken (where a	applicable)?	Υ
•	•	is taken had a significant impact upon the lice levels recorded?	Υ
•		out in cooperation between participating farms?	N/A
		where fewer populations or part populations are held without treatment for	Y
15. Is there a site specific scenarios during the es	_	ement procedure with waypoints describing set actions to deal with recognised nfestation?	Y
16. Do the sea lice leve	ls observed on stocks	reflect sea lice count data? If no please detail reasons.	Υ
Containment Inspection	on		
1. Has the site experien	ced equipment dama	ge due to predators in the current or previous production cycles?	N
2. Are measures in plac	e to mitigate against	the predation experienced on site? (Detail below)	Υ
add, top nets,			
If other, detail below:			
ii ouioi, uotaii boloii.			
3. Have escape incider	nts or events been exp	perienced on or in the vicinity of the site since the last FHI inspection?	N
If Yes proceed with que			
4. Have these been rep		•	
		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	
0.16-20-24			
<ol><li>If gill nets were deplo Ministers? (Legal, CoGI</li></ol>		greed with local wild fish interests and was permission given by Scottish	
9. What action was take	en to prevent and min	imise the risk of further escapes? (Not covered in code but could	
be considered under	satisfactory measu	res of the Act)	
10. Is the site inspected	l as satisfactory with r	egards to containment? If no, please detail reason(s)	Υ

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

Case No: 2020-0116 Site No: FS0015  Date of Visit: 10/03/2020 Inspector:  Point of Compliance  1. Is the farm under inspection located within a farm management area?  If N, no further questions require completion.  Points of Compliance for Both Farm Management Agreements and Statements  2. Has a current farm management agreement or statement (FMAg/S) been prepared?  3. Is the current FMAg/S available for inspection?  4. Does the FMAg/S identify the relevant farm management area?  5. Does the FMAg/S identify the fath farm site(s) to which it applies?  6. Does the FMAg/S identify the date of commencement of the agreement or statement?  7. Does the FMAg/S identify the date of review?  Arrangements for Fish Health Management  8. Does the FMAg/S identify the vaccination requirements for stocks to be introduced to the area or farm?  9. Does the FMAg/S identify the species of fish which may be stocked into the area or farm?  10. Does the FMAg/S identify the maximum stocking density of any pen on any farm in the area or the individual farm?  11. Does the FMAg/S identify the arrangements for the storage and disposal of any dead fish from any fish farm in the area or the individual farm?  Arrangements for The Management of Sea Lice  13. Does the FMAg/S identify arrangements for the sharing of data on sea lice numbers and treatments?  Y arrangements for The Management of Sea Lice  14. Does the FMAg/S identify arrangements for the sensitivity testing of available treatments for sea lice on farms in the area or individual farms?  16. Does the FMAg/S identify the availability and the use of medicines on farms covered by the agreement of statement?  17. Does the FMAg/S identify the availability and the use of medicines on farms overed by the agreement of statement?  18. Does the FMAg/S identify the availability and the use of medicines on farms covered by the agreement of statement?  19. Does the FMAg/S identify the availability and the use of medicines on farms overed by the agreement of statement?  19. Does the FMAg/S ident	FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
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FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Harvesting		
20. Does the FMAg/S identify acceptable harv	est practices on farms in the area or inc	dividual farms?
Fallowing		
21. Does the FMAg/S identify the dates by whi date when a farm or area may be restocked?	ich the area or individual farm will be fal	llow and the earliest Y
22. Does the FMAg/S identify whether one or agreement or statement?	more year classes may be stocked onto	o sites covered by the
23. Does the FMAg/S identify whether broodst covered by the agreement or statement?	tock or potential broodstock are to be ke	ept on any site
Point of Compliance for Farm Management	Agreements Only	
24. Does the farm management agreement incaparties to the agreement?	clude arrangements for persons to beco	ome, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and operat	ted in accordance with the agreement o	or statement?
26. What is the version no/date of issue of the	FMAg/S? v19	

Site No: FS0015

Case No: 2020-0116

Nature of non-compliance:
Action taken (FHI):

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

Case No: 2020-0116 Date of visit: 10/03/2020 Site No: FS0015 Inspector: Results Summary Freq. Date of Notification Database Writing Insp Phone Insp Insp 2<sup>nd</sup> Insp 09/04/2020 MG VHS 16/03/2020 19/03/2020 0/1 5/5 16/03/2020 MG SAL Pox 19/03/2020 09/04/2020 16/03/2020 MG SAV 0/1 19/03/2020 09/04/2020 MG Para Ther 5/5 16/03/2020 19/03/2020 09/04/2020 16/03/2020 09/04/2020 MG ISA 0/1 19/03/2020 19/03/2020 09/04/2020 MG IPN 1/1 16/03/2020 09/04/2020 MG IHN 0/1 16/03/2020 19/03/2020 1/5 19/03/2020 MG AGD 16/03/2020 09/04/2020 AMGD 4/5 30/03/2020 09/04/2020 LPAT 5/5 30/03/2020 09/04/2020 **HPAT** 30/03/2020 09/04/2020 1/5 30/03/2020 **GPAT** 4/5 09/04/2020 09/04/2020 YRKH 1/5 30/03/2020 **MPAT** 2/5 30/03/2020 09/04/2020 YRUK 1/5 06/04/2020 09/04/2020 2/5 **VSPE** 06/04/2020 09/04/2020 YRKP 09/04/2020 1/1 31/03/2020 Report Summary 2<sup>nd</sup> Insp Case Type Date Insp 24/03/2020 ECI, CNI, SLI, VMD DIAG 09/04/2020





Mowi Scotland Ltd Stob Ban House Glen Nevis Business Park Fort William PH33 6RX

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

**Business No** FB0119 SITE NO FS0015

INSPECTOR

DATE OF VISIT SITE NAME CASE NO

10/03/2020 Loch Greshornish

20200116

# **Section 1: Summary**

Loch Greshornish was visited following reported increased mortality levels. During the inspection many moribund fish were observed in the pens, several with lesions. Five fish were removed for diagnostic examination.

Histopathology examination revealed mixed gill pathology suggestive of historical amoebic gill disease (AGD) and more recent, mixed gill insult. Oedema and haemorrhage was noted possibly associated with exposure to harmful environmental agents such as cnidarian jellyfish but are also previously documented consequences of enteric redmouth (ERM) in salmonids. Other notable findings included multifocal hepatocellular necrosis, and inflammatory changes to skeletal muscle likely due to bacterial infection.

Due to gill health issues observed on site, samples were also screened for Paranucleospora theridion (syn, Desmozoon lepeophtherii), salmon gill poxvirus and Neoparamoeba perurans (AGD) by QPCR. Samples tested positive for all three pathogens.

Yersinia ruckeri was isolated by bacteriology and confirmed by QPCR. As a primary fish pathogen it may have been implicated in morbidity, however it was only isolated from kidney material of fish 3. Because of reported issues with Yersinia on site further tests were conducted to establish the sensitivity profiles. From the tests conducted, we do not have evidence of resistance to amoxycillin, oxytetracycline, sulphamethoxazole/trimethoprim or florfenicol. Four separate heavy mixed growths of Vibrio spp. were identified from fish 4 and 5.

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**

Loch Greshornish was visited following reported increased mortality levels and to carry out routine EC and VMD inspections. The increased mortality had been attributed to AGD, treatment related issues and more recently, infection with *Yersinia ruckeri*; the causative agent for Enteric Redmouth (ERM). Mortality for the past seven days was 8,789 attributed to *Yersinia* and 10,093 mortalities the week before that. The site staff were awaiting delivery of a pre-mixed antibiotic (florfenicol) feed.

On inspection in excess of 30 moribund fish were observed in each pen. About 10% of the moribund fish had dorsal lesions, mainly behind the dorsal fin. Five of these moribund fish were removed from the worst affected pen and sampled for diagnostic examination.

Externally fish 1-3 were dark in colour. Fish 4 and 5 had a dorsal lesion. Fish 1 exhibited ragged gills with white patches and fish 2 had pale and zoned gills.

Internally fish 4 had clear ascites and petechial haemorrhaging on the liver and pyloric caeca. Fish 3 had haemorrhaging on the swim bladder. Fish 1 and 5 had enlarged gall bladders. Fish 1, 3 and 5 had an enlarged spleens. None of the fish sampled had food in the gut.

# Samples

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

Fish number	Pool number	Facility number	Species	Stage	Origin
1-5	1	6	Atlantic salmon	2019 Q1 kg	Lochailort

## Results

**Bacteriology:** Kidney and gill material from five fish and lesion material from two fish were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated from F1-5:

- Vibrio sp. (Isolate A): F5 (Lesion)
- Vibrio sp. (Isolate B): F1 (Kidney); F5 (Lesion)
- Vibrio sp. (Isolate C): F4 (Lesion); F5 (Kidney, lesion)
- Vibrio sp. (Isolate D): F4 (Lesion)
- Yersinia ruckeri: F3 (Kidney)

Four different *Vibrio* spp. were identified on plates taken from lesion material of fish 4 and 5. The growth was heavy, however the mixed nature would not suggest they are likely to be the primary source of morbidity.

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

Salmon gill poxvirus

Fish Number	Endogenous control Cp value		Cp Values					
F1	19.91	27.32	27.32	27.41	POSITIVE			
F2	19.91	34.77	33.84	34.48	POSITIVE			
F3	19.92	27.44	27.41	27.33	POSITIVE			
F4	19.88	28.66	28.76	28.73	POSITIVE			
F5	19.44	24.38	24.55	24.45	POSITIVE			

Infectious pancreatic necrosis virus (IPNV)

Pool Number	Endogenous control Cp value		Cp Values		Reported Result (PCR)
P1	16.47	23.50	23.31	23.40	POSITIVE

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

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

Neoparamoeba perurans (AGD)

Fish Number	Endogenous control Cp value		Cp Values					
F1	-	-	-	-	Negative			
F2	-	-	-	-	Negative			
F3	-	-	-	-	Negative			
F4	-	-	-	-	Negative			
F5	19.44	33.91	34.14	34.78	POSITIVE			

Paranucleospora theridion

Paranucieo	spora tnendion	1			
Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	19.91	24.48	24.64	24.58	POSITIVE
F2	19.91	28.51	28.57	28.57	POSITIVE
F3	19.92	31.17	31.27	30.89	POSITIVE
F4	19.88	22.94	22.92	23.03	POSITIVE
F5	19.44	24.92	24.95	24.83	POSITIVE

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

Histopathological examination revealed the following:

Observed pathology varied between individual fish. The gills of F1, F2, F4 and to a lesser extent F3 demonstrated epithelial hyperplasia and lamellar fusion with formation of 'pseudo-cysts' typical of amoeba-associated damage. No amoebic cells were observed. Multifocal haemorrhages were observed in the gills of F3 and F4 with evidence of fibrin accumulation, suggestive of healing. This telangiectasis was therefore not considered artefact, rather a pathological ante-mortem change. Epithelial lifting with proteinaceous fluid accumulation consistent with oedematous change was also observed in F2 and F3. Mucus cells of F5 were observed to contain strongly basophilic granular material.

The hepatocytes of all five fish were depleted of lipid and glycogen but active in their cell division. Multiple regions of hepatic necrosis were observed in F2, with changes consistent with those previously reported for bacterial infections such as ERM (with piscirickettsial infection also being a less likely possibility), however no bacteria were observed in H&E. Multiple discrete foci of hepatocytes with lipoproteinaceous inclusions were observed in F4 alongside hepatocellular necrosis.

Lesions to the muscle layer were observed in F4 and F5. Localised infiltration of the stratum compactum with basophilic, granular material with the appearance of bacterial plaques was present in F4. Focal myositis was noted in F5, with necrotic myofibrillar degeneration and associated phagocytic inflammatory cell infiltration. Focal vasculitis was also noted in the stratum compactum of F5. A single foci of early necrotic change was noted within the cardiomyocytes of the atrium in F3.

Signed:

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at <a href="https://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter">www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter</a>

Date: 09/04/2020





Mowi Scotland Ltd Stob Ban House Glen Nevis Business Park Fort William PH33 6RX

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

**Business No** FB0119 SITE NO FS0015 INSPECTOR

SITE NAME CASE NO

**DATE OF VISIT** 10/03/2020 Loch Greshornish

20200116

# Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

#### Records

The surveillance frequency category of the site was assessed as 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. The most resent input of lumpfish from the Republic of Ireland had not been recorded in the movement records. This has since been added and no further action is required.

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.

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

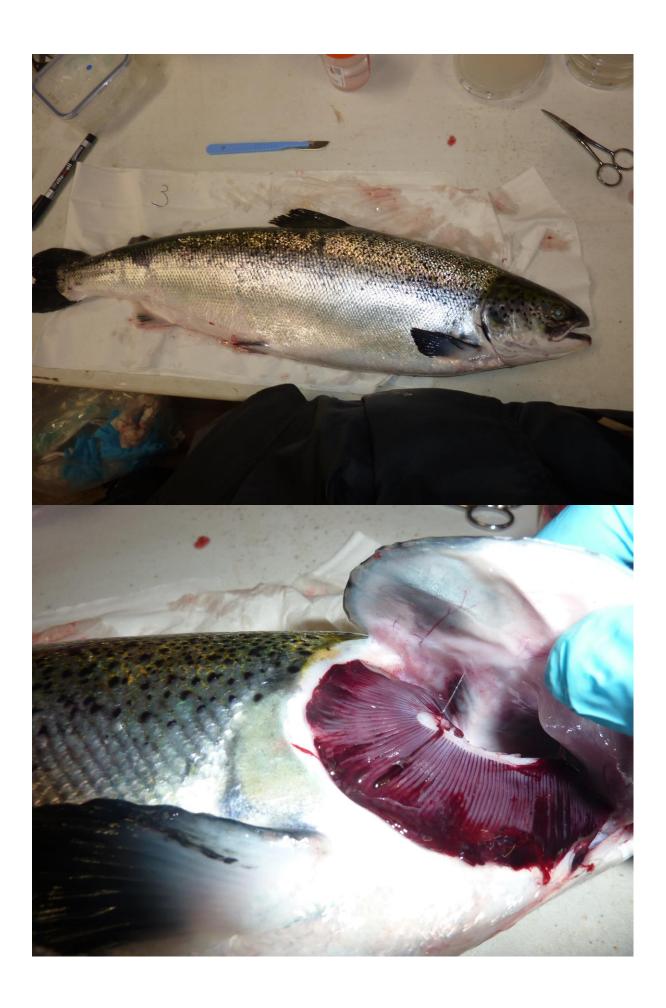
The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at <a href="https://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter">www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter</a>

Date: 24/03/2020





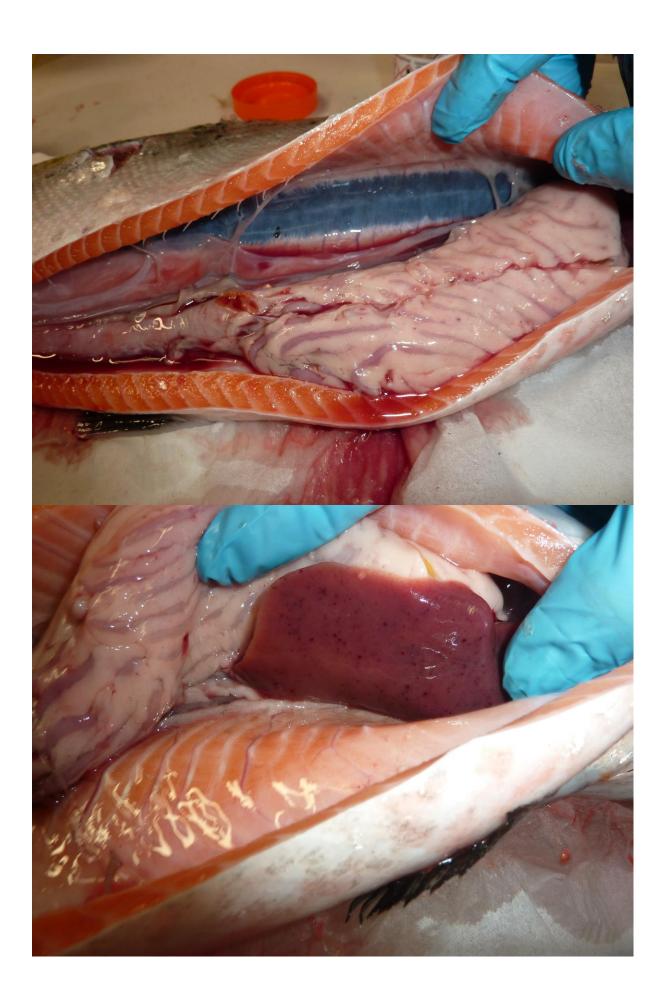














FHI 059, Version 12  Case No: 2020-0117	Issued by: FHI	Date of issue: 08/10/2018  Date of visit: 10/03/2020
Time spent on site: 2 hours	Main Inspect	
Site No: FS0708 Site Name Business No: FB0169 Business I	. 518.55	ny
Case Types: 1 REG 2 CNI	3 SLI 4 VMD 5	6
Water Temp (°C): 7.6 Thermome	eter No: Site	FHI 045 completed
Observations: Region:	HI Water type: S	CoGP MA M-26
Dead/weak/abnormally behaving fish present Clinical signs of disease observed? Gross pathology observed?	N/A If yes, see additional info N/A If yes, see additional info N/A If yes, see additional info N/A	rmation/clinical score sheet.
Diagnostic samples taken?		
UNI/REG only - if unable to carry out intended	l visit detail reason below:	
Unab	e to inspect pens due to adverse weather	

#### **Additional Case Information:**

Fish went to sea in September 2018.

11% stocking of lump fish - from Anglesey and ROI.- stocked primarily due to farmed origin.

hydroliced - end feb reported 98-100% clearance.

Movement book input of lumpfish, 11/12/2019 from ROI not in movement book. Added during visit.

Morts ensiled on barge, removed by Ferguson. 5 removals this cycle. Taken to Energen Biogas in Cumbernauld. Live harvest to Arnish

Morts, 2020; wk 7 768 fish 0.14%, wk8 2091, 0.25%, wk9 1005, 0.20% (post treatment), wk 10 422, 0.09%

23/9-29/9/19 last Slice treatment only on Portree due to different discharge consents as Portree Outer is a new site with new consents,

Routine health checks every 2 weeks by own health team.

Unable to inspect pens due to adverse weather. Fish had been collected from yesterdays harvest and stored at the site shore base for flesh quality sampling by TSSC and EWOS. Pen numbers were recorded. Samples were taken from these fish for VMD sampling.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2020-0117		Site No:	FS0708				
Date of Visit:		10/03/2020	]		Inspector(s):			]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		ite representa	itive?			Y Y	
Site Details								
Total No facilities		10	Facilities sto	cked	10	No facilitie	s inspected	0
Species	sal	lumpfish						
Age group	2018 S0	MVG						
No Fish	490,000	mixed						
Mean Fish Wt	3133g	54378						
Next Fallow Date (S	ite)	April/May 20	20	Next Input Da	ite (Site)	Sept 2020		
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:						,	,	
Movement Records	5							
1. Movement record	s available fo	r inspection?						Y
2. Date of last inspe							18/02/2018	
3. Are records comp		ectly entered?	?					N
4. Are movement re		•						Y
5. Are records comp	lete and corr	ectly entered?	?					Y
6. Are health certific	ates for introd	luctions (outw	vith GB) availa	ıble?				Y
Transport Records								
Are any movement		t by (or on be	half) of the hu	siness (not us	ing a STR\2			N
If yes, is there a sys				•	_			
	iom in place i		oc or transpor		•			
Mortality Records  1. Mortality records	available for i	nspection?						
2. How are mortalities		•			Ensiled - on	site		
If other detail:	es disposed o				Erisiica - ori	Site		
3. Mortality records	complete and	correctly ento	ered?					Y
4. Recent mortality (	•		see additiona	al info				
5. Evidence of recer	•	typical mortal						N
If yes, facility nos/no		• •		/reason:				
,,	<b>,</b> p	,	, , , , , , , , , , , , , , , , , , ,					
6. Any other peaks i	n mortality du	ring period ch	necked?					Y
If yes, detail:			k 44 2019 0.8	6%				
7. Have increased (u								N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	RT case and e	enter on morta	llity events s	heet.	N/A

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:	o.	
Medicines records available for insper	ection?	Y
3. Are records complete and correctly e		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 insp	ection?	Y
2. Has the manner and frequency of mo	ortality removal, recording and safe disposal bee	en considered?
3. Has the manner and period in which	the APB will notify Scottish Ministers or veterina	ry professional of any
increased (unexplained) mortality at th	e site been included?	Y
4. Has the action that will be taken in th	ne event that the presence or suspicion of the pre	esence of a listed disease
is detected been included and how and	d when that will be notified to Scottish Ministers?	
•	animals being stocked on the farm site been co	vered (equal or higher Y
health status, certification if required)?		
6. Have the husbandry and biosecurity	measures implemented between each epidemic	ological unit to minimise Y
transmission of disease been covered	(movement of staff, visitors, equipment, live or d	ead fish etc.)?
7. Is documentation available regarding aquaculture animals held on site?	the measures in place to maintain the physical	containment of Y
8. Have the biosecurity procedures bee	n adequately implemented on site?	N/A

If no, detail:

**Results of Surveillance** 

3. Any significant results?

2. If yes, are results available for inspection?

AGD but not causing issues on site.

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

Records checked between:

unable to inspect due to weather

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

18/2/18-11/3/20

	11 000, VOIDIOI1 12			_					aca by.				
	Case no:	2020-01	117	Site No:		FS0708			Date of Samplin		10/0	03/2020	
	Priority samples:	VI		ВА		PA		MG	•	Ĭ HI		l	
	Time sampling starts/ends:	11:0	0:00	12:0	0:00		Inspecto	or:			VMD No	o.	11
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		BA		MG		VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2	3									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	3kg	3kg	3kg									
	Sex												
	Water Type	SW	SW	SW									
		an	an	an									
		Tullich, Hebridean	Tullich, Hebridean	Tullich, Hebridean									
		ebr	əbr	ebr									
Details		Ĭ	Ĭ	Ĭ									
Def		ch,	ch,	ch,									
Ock	ll .	<u> </u>	<u>=</u>	الله									
Sto	Facility No	1	3	7									
U)	,	•											

	Addition	nal Sam	ple Infor	mation:										
0	0 Total Tests assigned 0													

FHI 059, Version 12		Issued by: FHI			Date of	of issue	: 08/10/2018
Case Number:	2020-0117		Site No:	FS0708		Insp:	
Date of Visit	10/03/2020		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	5
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
	Number of sup	ncluding third country	0			14	5
Mayamanta off							10
Movements off	Frequency of n Number of des		0			10 10	10
Exposure via water	rtuiliber er des	Site contacts		_			
Water contacts with other	Farm is protect	ted (secure water supply through					
farms (holding species	disinfection or l	,	0				igwdow
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
,	•	or in a coastal zone with category III					
		n or within 1 tidal excursion	1	3	6		igwdow
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
	namio apotroan	TO WARM T add execution	<u> </u>		<u> </u>		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing ow	n fish (re-cycling risk)	1	1			
	Processing fish	from MS of equivalent status	2	1			-
	Processing fish from zone or compartment of equivalent status						
	Processing fish	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	Ī			$\overline{}$
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				5
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	Ī			0
	Feeding unpas	teurised feed	5				
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	1			0
between sites, use of footbaths etc	No		1				-
CoGP/Regulator				•			
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				$\vdash$
	l.			1			
Platform access to cages	Yes		0				0
	No		2				
					Total		32
					Rank		HIGH

Case No:	2020-0117	Site No: FS0708							
Sea Lice Inspection (S	• •								
<ol> <li>Has the site experien</li> </ol>	ced sea lice problems	s in the previous 4 years?	N						
2. Is the CoGP Farm Ma	anagement Area (or e	quivalent) fallowed synchronously on a single year class basis?	Υ						
	mectin benzoate) as	enced in-feed and bath sea lice medications (including deltamethrin, well as access to suitable biological and/or mechanical control measures, and d of time?	Υ						
4. Is there a signed doc Management Area (or e		ement agreement or statement relevant to the site and CoGP Farm	Y						
5. Are sea lice count red	cords available for ins	pection? (Legal SSI, CoGP Annex 6)	Υ						
6. Do records adequate	ly reflect the required	standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	Υ						
7. Are sea lice ( <i>L. salmo</i> records are inspected?	•	low 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 (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?									
If yes, have these been	reported to the Fish H	Health Inspectorate? If no, FHI see comment.	N/A						
9. Is C. elongatus infes	tation at a level which	is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	N						
•		stered or other actions taken when <i>L. salmonis levels</i> have exceeded the <i>elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	Υ						
11. Has any other action	n been taken (where a	applicable)?	Υ						
12. Have therapeutic tre	eatments or the action	is taken had a significant impact upon the lice levels recorded?	Υ						
•			Υ						
13. Are treatments, where conducted, carried out in cooperation between participating farms? Y 14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?									
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised 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.	N/A						
unable to inspect site du	ue to weather								
Containment Inspection	on								
		ge due to predators in the current or previous production cycles?	N						
2. Are measures in plac	e to mitigate against t	the predation experienced on site? (Detail below)	Υ						
Top nets seal blinds A									
	1550								
If other, detail below: looking to get seal pro n	nets next cycle								
	<u> </u>	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	/) used to recover esc	apees? If yes give detail							
9 If all note were deals	wod was this setion a	greed with local wild fish interests and was permission given by Scottish							
Ministers? (Legal, CoGF	P – 4.4.38, 5.4.18)								
	-	imise the risk of further escapes? (Not covered in code but could							
be considered under	•	·							
·	-	egards to containment? If no, please detail reason(s)	N/A						
unable to inspect site du	ue to weather								

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: 2020-0117	Site No: FS0708	
Date of Visit: 10/03/2020	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	
<ul><li>3. Is the current FMAg/S available for it</li><li>4. Does the FMAg/S identify the relevant</li><li>5. Does the FMAg/S identify the fish fair</li></ul>	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	
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	nation requirements for stocks held in the area of ies of fish which may be stocked into the area of mum stocking density of any pen on any farm i	or farm?
12. Does the FMAg/S identify the arran fish farm in the area or the individual fa	ngements for the storage and disposal of any do 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 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 require 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
	ngements for synchronous treatments on farms	within the area?
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or ingements for the movement of live fish on and o	

FHI 059, Version 12	Issued by: FHI	Date	of issue: 08/10/2018
Harvesting			
20. Does the FMAg/S identify acceptable harvest pra	actices on farms in the area or	individual farms?	Υ
Fallowing			
21. Does the FMAg/S identify the dates by which the date when a farm or area may be restocked?	e area or individual farm will be	fallow and the earliest	Y
22. Does the FMAg/S identify whether one or more y agreement or statement?	year classes may be stocked o	nto sites covered by the	Y
23. Does the FMAg/S identify whether broodstock or covered by the agreement or statement?	r potential broodstock are to be	e kept on any site	Υ
Point of Compliance for Farm Management Agree	ements Only		
24. Does the farm management agreement include a parties to the agreement?	arrangements for persons to b	ecome, or cease to be,	N/A
Management and operation			
25. Is the fish farm being managed and operated in a	accordance with the agreemer	nt or statement?	Y
26. What is the version no/date of issue of the FMAg	g/S? 11/07/2018		

Site No: FS0708

Case No: 2020-0117

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

Case No:	2020-0117	Date of visit: 10/03/2020								
Site No:	FS0708	1		Inspector:		1				
Results Summary	Freq.	Date of Notification								
		Database	Insp		Insp	Writing	Insp	2 <sup>nd</sup> Insp		
	<del>1</del>									
	1									
	-									
Report Summary										
Case Type	Date	Insp	2 <sup>nd</sup> Insp							
Reg,CNI, SLI, VMD	19/03/2020		2 11135							





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
 11/03/2020

 Site No
 FS0708
 Site Name
 Portree

 Inspector
 Case No
 20200117

## Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

On this occasion, the site inspection could not be conducted due to adverse weather. Paperwork was completed and samples were taken from previously harvested fish for veterinary residue testing.

#### Records

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

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

Aquaculture animal and aquaculture animal product movement records were inspected and found to be inadequately maintained. The input of lump fish from the Republic of Ireland on the 11<sup>th</sup> December 2019 had not been recorded in the movement book. This was added and no further action is required.

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. However an inspection of the fish and pens was not possible to confirm procedures on site.

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

Samples were taken to be analysed for veterinary residues.

# Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site paperwork was 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 paperwork was found to be satisfactory with regards to parasites, fish farm management agreements and statements and containment and escapes. An inspection of the fish and pens was not possible to confirm procedures on site.

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 <a href="https://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter">www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter</a>

Date: 19/03/2020