FHI 059, Version 12		Issued by: FHI	Date of issue: 0	)8/10/2018
Case No: 2020-0005			Date of visit: 20/01/2	020
Time spent on site:	hours	Main	Inspector:	
Site No: FS0180 Business No: FB0456	Site Name: Business Name:	Loch Earn Dawnfresh Farming L	td	=
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6	
Water Temp (°C): 6	Thermometer No:	T146	FHI 045 completed	
Observations:	Region: TA	Water type: F	CoGP MA	
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see addition	onal information/clinical score she onal information/clinical score she onal information/clinical score she	et.
UNI/REG only - if unable to carry	out intended visit detail	l reason below:		

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

Site details stock continued; May 2019 input - 15084 fish average wt 1975g, Nov 18input- 14353 fish wt2022g, Feb19 input, 9843 fish wt 2869g, Oct 2018 input 5217 fish, wt 3526g.

Input of fish today from Selcoth.

Harvests; Culled percussively - SI7 stunnner/ bleeder. Transported by Blacks Haulage solutions into harvest bins with bin liners tied with cable ties and bins tied with ties and identification labelled - . Transported to Udingstone for harvest to Dawnfresh processing plant.

Fungus - saprolegnia on skin. Water treatment with formalin May to June 2019. (Temp up at 22 and little rain). Peak morts; 13/6/19 573/site, 12/6/19 509/site, 11/6/19 318/site, 10/6/19 172/site, 9/6/19 86/site, 8/6/19 -169/site, Vet (FVG) visited 31/5/19 - Formalin treatment administered.

Aug/Sept 2019 inputs from Rocks Lodge

Cormorants an issue on site, all dynema nets damage only to fish.

Small top net mesh to stop otters with stiched top nets

FHI 059, Version 12			lss	sued by: FHI			Date of issu	e: 08/10/2018
Case No:	2020-0005		Site No:	FS0180				
Date of Visit:		20/01/202	20		Inspector(s	):		]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		site represer	ntative?			Y Y	}
Site Details			_			_		
Total No facilities		1/	Facilities s		1/		es inspected	17
Species	RTR	RTR	RTR	RTR	RTR	RTR	RTR	RTR
Age group	Input Jan	input Oct	Aug-19	Sep 19 input	Sep-19	Apr-19	Jan-19	Jun-19
No Fish	4,506	10,364	19,485	19,705	11,704	10,869	11,351	15,213
Mean Fish Wt	515g	875g	979g	1.06kg	1.179kg	2348g	2768g	1878g
Next Fallow Date (S	ite)	no fallow		Next Input Da	ite (Site)	tomorrow	- Selcoth	
Recent (last 4 wks)	disease prob	olems?		N	Any escape	es (since las	t visit)?	N
If yes, detail:								
<ol> <li>Movement record</li> <li>Date of last inspe</li> <li>Are records comp</li> <li>Are movement re</li> <li>Are records comp</li> <li>Are records comp</li> <li>Are health certific</li> </ol>	ction: plete and cor cords availal plete and cor	rectly entered ble for dead f rectly entered	ያ? ish and waste ያ				21/02/2017	Y Y Y Y
Transport Records	•							
1. Are any movement of yes, is there a sys		•	•	•				N
Mortality Records	·		·					
1. Mortality records	available for	inspection?						Y
2. How are mortalitie	es disposed	of?			Incinerated	- on site		
If other detail:								
3. Mortality records	•	d correctly en	itered?					Y
4. Recent mortality (	(last 4 wks):		averaging	0.1% per week i	n last month			
5. Evidence of recer		• •						N
If yes, facility nos/no	mortality pe	r facility/no s	tock per facili	ity/reason:				
0. 4	1 176 1		1 1 10					
<ol><li>Any other peaks i If yes, detail:</li></ol>		•		0				Y
7. Have increased (		aprolegnia in						V
If yes, detail action:	unexpiaineu)		√G, formalin					
8. Have 'mortality ev	ents' been re				enter on mor	tality 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 inspection and correctly entered. Are fish in a withdrawal period?  5. If yes, what treatment(s)?		Y Y N
If other, detail:  6. Are medicines stored appropriately?		N/A
3. Has the manner and period in which the increased (unexplained) mortality at the sit. 4. Has the action that will be taken in the exist detected been included and how and which is detected been included and how and which the increase is detected by the increase is	lity removal, recording and safe disposal beer APB will notify Scottish Ministers or veterinar	y professional of any Y sence of a listed disease
transmission of disease been covered (mo 7. Is documentation available regarding the	asures implemented between each epidemiol vement of staff, visitors, equipment, live or de e measures in place to maintain the physical of	ead fish etc.)?
aquaculture animals held on site?  8. Have the biosecurity procedures been ad left no, detail:	dequately implemented on site?	Y
Results of Surveillance		

21/2/17-20/1/20

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?

Fungus

	Case no:	2020-00	005	Site No:		FS0180			Date of		20/	01/2020	
ı	Priority samples:	VI		ВА		РА		MG	Samplin	g: HI			
ı	Time sampling starts/ends:	15:0	0:00	15:3	0:00		Inspecto	or:			VMD No	o. <b> </b>	2
	Environmental conditions:	1	Indoors	2		3		4		5			
ı	Summary samples	HIST	E	ВА		MG		VI		PA		Total Sa	imples
Δ	add Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1											
	Pool Group												
	Species	RTR											
	Average weight	1kg											
	Sex												
	Water Type	SW											
Stock Details		ට Rocks Lodge											
V.	) I acility NO	C5											

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

FHI 059, Version 12		Issued by: FHI			Date o	of issue	: 08/10/2018
Case Number:	2020-0005		Site No:	FS0180		Insp:	
Date of Visit	20/01/2020		No of m	ovements/s	supp./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	5
with GB) of susceptible species		novements on from equivalent zone or	0	۵	18	26	
Species	Number of sup	ncluding third country	0			14	- 5
			<u> </u>				
Movements off	Frequency of m		0			10 10	0
Exposure via water	Number of des	Site contacts				10	
Water contacts with other	Farm is protect	ed (secure water supply through	T T	<u> </u>			
farms (holding species	disinfection or l	porehole)	0				
susceptible to same diseases)		or in a coastal zone with category I or within 1 tidal excursion	1	2	4		2
uiscuscs)		or in a coastal zone with category III			7		-
		or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V					
	tarms upstream	n or within 1 tidal excursion	1	4	8		-
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				
the rules of the directive	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				-
		from zone or compartment of		1			-
	equivalent statu		4				$\vdash$
		from Category III farm	8				$\vdash$
	Processing fish	r from Category ∨ farm	10				$\overline{}$
Disposal of fish and fish by-	Site's own was	te only processed.	0				0
products	Common proce	esses with other farms	3				$\overline{}$
	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				H
Biosecurity	<u> </u>	Number of sites	1	」 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		1	2		0
	Sites sharing s	taff and equipment	0		2		ш
Disinfection of equipment	Yes		0	ĺ			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				
Platform access to cages	Yes		<u> </u>	1			0
	No		2	+			igwdapsilon
				J			
					Total		13
					Rank		LOW

Case No:	2020-0005	:	Site No:	FS0180	
Sea Lice Inspection (					
•	nced sea lice problems in the prev	•			
	lanagement Area (or equivalent) 1	•			
azamethiphos and ema can these be deployed 4. Is there a signed do	access to a range of licenced in-feo amectin benzoate) as well as acco in a reasonable period of time? cumented farm management agre	ess to suitable biological a	nd/or mecl	hanical control measur	res, and
Management Area (or					
	cords available for inspection? (Le	-			
6. Do records adequate	ely reflect the required standard sp	pecified in the SSI and the	CoGP? (L	egal SSI, CoGP Annex	(6)
7. Are sea lice ( <i>L. salm</i> records are inspected?	onis) record levels below the sug (CoGP Annex 6)	gested criteria for treatme	nt in the Co	oGP during the period	that
_	female sea lice ( <i>L. salmonis</i> ) num 0/6/19) during the period that reco	•	el of 3 or a	above (prior to w/b 10/6	6/19) or
If yes, have these beer	reported to the Fish Health Inspe	ectorate? If no, FHI see co	mment.		
9. Is C. elongatus infes	station at a level which is consider	ed to cause significant we	lfare proble	ems? (CoGP 4.3.81, 5.	.3.50)
	eatments been administered or ot reatment or where <i>C. elongatus</i> is				
11. Has any other action	on been taken (where applicable)?				
12. Have therapeutic tr	eatments or the actions taken had	l a significant impact upon	the lice le	vels recorded?	
13. Are treatments, wh	ere conducted, carried out in coop	eration between participat	ting farms?	,	
14. Is there a harvestin sea lice?	g strategy for the site, where fewer	r populations or part popu	lations are	held without treatmen	t for
	ific written lice management procescalation of a sea lice infestation?	edure with waypoints desc	ribing set a	ections to deal with rec	ognised
16. Do the sea lice leve	els observed on stocks reflect sea	lice count data? If no plea	ise detail re	easons.	
Containment Inspecti	on				
•	nced equipment damage due to pr	redators in the current or p	revious pro	oduction cycles?	N
2. Are measures in pla	ce to mitigate against the predatio	n experienced on site? (D	etail below	·)	Υ
Top nets					
If other, detail below:					
					N
	nts or events been experienced or		te since the	e last FHI inspection?	N
	estions 4 – 9. If No skip to question	n 10			
4. Have these been rep	ported to Scottish Ministers?				
5. Have these been rep	oorted to local DSFB forthwith (wh	ere they exist)? (CoGP -	4.4.37, 5.4	.17)	
6. Have these been rep	ported to the SSPO and local fishe	eries trusts forthwith (where	e they exist	t)? (CoGP – 4.4.37, 5.4	4.17)
7. Were methods (if an	y) used to recover escapees? If ye	es give detail			
8 If all nets were deal	oyed was this action agreed with le	ocal wild fish interests and	was nerm	ission given by Scottis	h
Ministers? (Legal, CoG		Tan ma non moroto and	poiiii		
9. What action was tak	en to prevent and minimise the ris	k of further escapes? (No	t covered in	n code but could	
be considered under	r satisfactory measures of the A	Act)			
10. Is the site inspecte	d as satisfactory with regards to co	ontainment? If no, please	detail reaso	on(s)	Υ

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Site No: FS0180

Case No: 2020-0005

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2020-0005			Date of visit:	20/01/2020			
Site No:	FS0180	ı		Inspector:		l		
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
	-							
	+							
	+							
	1							
	-							
Report Summary	T			1				
Case Type	Date	Insp	2 <sup>nd</sup> Insp	1				
ECI, CNI, VMD	28/01/2020		2 11130	1				
				1				
				1				
				1				
			I					





Dawnfresh Farming Ltd Bothwellpark Industrial Estate Uddingston Lanarkshire G71 6LS

# FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0456 SITE NO FS0180 INSPECTOR DATE OF VISIT 20/01/2020 SITE NAME Loch Earn CASE NO 20200005

# 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.

Mortality records were inspected and found to be adequately maintained.

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

R04

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

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

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

Signed:

Date: 28/01/2020

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>

FHI 059, Version 12	I	ssued by: FHI	Date of issue: 08/10/2018
Case No: 2020-0006			Date of visit: 22/01/2020
Time spent on site: 4	hours	Main Ins	pector:
Site No: FS0866 Business No: FB0235	Site Name: Business Name:	Loch Garasdale Cooke Aquaculture (Fres	hwater) Ltd
Case Types: 1 ECI 2	CNI 3 VMD	4 5	6
Water Temp (°C): 5	Thermometer No:	T146	FHI 045 completed
Observations:	Region: ST	Water type: F	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail	reason below:	

### **Additional Case Information:**

Going to sea 28th March - Stronsay in Orkney.

Fish not vaccinated until 16th of March to prevent fungal issues

Morts are ensiled on site and collected by Hazco for disposal. Collected once a year when site is fallow. Stored in IBCs. Pumped out of IBCs and into a tanker.

Current stock input from Carindow in July 2019.

No issues with previous cycle of fish

Last treatments were post-vaccine for previous cycle - Formalin treatments - 23/3/19 - 30/3/19

Herons and Cormorant predation; some fish damage but no equipment damage - Changing to Dynema nets

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2020-0006	]	Site No:	FS0866				
Date of Visit:		22/01/202	0		Inspector(s):			]
Registration/Authornal 1. Business/site detaction 2. Changes made to	ails summary		site representa	ative?			Y N	-
Site Details								Ī
Total No facilities		10	Facilities sto	cked	1	No facilitie	s inspected	10
Species	SAL							
Age group	Parr							
No Fish	624,000							
Mean Fish Wt	64g							
Next Fallow Date (S	ite)	6th April		Next Input Da	ite (Site)	July from	Cairndow	
Recent (last 4 wks)	disease prob	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
Movement Record	s							
1. Movement record	ls available fo	r inspection?	•					Y
<ol><li>Date of last inspe</li></ol>							09/10/2017	
<ol><li>Are records comp</li></ol>		•						Y
4. Are movement re				•				Y
5. Are records comp		•						Y
6. Are health certific	ates for introd	ductions (out	with GB) availa	able?				Y
Transport Records	•							
1. Are any moveme	nts carried ou	t by (or on be	ehalf) of the bu	ısiness (not usi	ing a STB)?			N
If yes, is there a sys	tem in place t	or maintenar	nce of transpo	rtation records	?			
Mortality Records								
1. Mortality records	available for i	nspection?						Y
2. How are mortalities of other detail:	es disposed o	f?			Ensiled - on	site		
3. Mortality records	complete and	correctly en	tered?					Y
4. Recent mortality	•	concour on		attributed to fu	ungus for last	month		
5. Evidence of recei	•	tvoical morta		· catalogato a	urigue for last	THO THE T		N
If yes, facility nos/no				/reason:				
, ,	71							
6. Any other peaks i	n mortality du	ring period c	hecked?					N
If yes, detail:								
7. Have increased (	unexplained)	mortalities be	een reported to	vet or FHI?				N/A
If yes, detail action:			10.16	IDT		P4		NI/A
8. Have 'mortality ev	ents been re	ported to FH	i? If no, add M	IKI case and e	enter on morta	lity events s	sneet.	N/A

FHI 059, Version 12		Issued by: FHI Date of iss	ue: 08/10/2018
			N
1. Recent treatments	s (last 4 wks)?		N
If yes, detail:			
If other, detail:	aveilele ferie	amostics 2	
2. Medicines records			I
3. Are records comp		tiy entered?	N
<ol> <li>Are fish in a withd</li> <li>If yes, what treatm</li> </ol>	•		IN
If other, detail:	ieni(s)?		
6. Are medicines sto	rod appropriato	N2	
o. Are medicines sto	пец арргорпате	ny:	<u> </u>
<b>Biosecurity Record</b>	ls		
1. Biosecurity record	ls available for i	nspection?	Y
2. Has the manner a	nd frequency of	f mortality removal, recording and safe disposal been considered?	Y
3. Has the manner a	nd period in wh	ich the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplain	ned) mortality a	t the site been included?	Y
		n the event that the presence or suspicion of the presence of a listed disease and when that will be notified to Scottish Ministers?	Y
		ure animals being stocked on the farm site been covered (equal or higher	Y
health status, certific	•	· · · · · · · · · · · · · · · · · · ·	
6. Have the husband	dry and biosecui	rity measures implemented between each epidemiological unit to minimise	Y
transmission of disea	ase been covere	ed (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation	available regard	ding the measures in place to maintain the physical containment of	Y
aquaculture animals	held on site?		
	rity procedures I	been adequately implemented on site?	Y
If no, detail:			
Results of Surveilla	ance		

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?

9/10/17 -22/1/20

	11 055, VEISION 12							133	ded by. I				
	Case no:	2020-00	006	Site No:		FS0866			Date of v		22/0	01/2020	
	Priority samples:	VI		ВА		PA		MG		,. НІ			
	Time sampling starts/ends:	12:0	0:00	13:0	0:00		Inspecto	or:			VMD No	). <b> </b>	11
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI	F	PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-9	10-19	20-29	30-39								
П	Pool Group												
	Species	SAL	SAL	SAL	SAL								
	Average weight	50g	50g	50g	50g								
	Sex												
	Water Type	FW	FW	FW	FW								
Stock Details		Cairndow	Cairndow	Cairndow	∞ Cairndow								
S.	I acility NO		4	I	0								

	Additional Sample Information:														
	killed with anaesthetic														
0	0 Total Tests assigned 0														

FHI 059, Version 12		Issued by: FHI			Date o	of issue	e: 08/10/2018
Case Number:	2020-0006		Site No:	FS0866	l	lnsp:	
Date of Visit	22/01/2020		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	0
Name and a set							10
Movements off	Frequency of n Number of des		0		6	10 10	10
Exposure via water	realiser of des	Site contacts					_
Water contacts with other	Farm is protect	ted (secure water supply through					
farms (holding species	disinfection or	•	0				
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		1
,		or in a coastal zone with category III					
		n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
	iainis upstream	TO WILLIAM FACUSION	<u>'</u>	4	٥		
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	No on farm pro	cessing	0	1			0
the rules of the directive	Processing ow	n fish (re-cycling risk)	1				
		n from MS of equivalent status	1	-			_
	_	n from zone or compartment of					
	equivalent stat		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	1			0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No fooding of a	inpasteurised feed	0	) ]			
ose of unpasteurised feeds	Feeding unpas	· ·	5				- ·
Biosecurity	r county unput	Number of sites		] 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0		2		0
	Sites sharing s	taff and equipment	0		2		
Disinfection of equipment	Yes		0	1			
between sites, use of footbaths etc	No		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				0
	No		2				
					Total		14
					Rank		LOW

Case No:	2020-0006		Site No:	FS0866	
•	(Seawater Sites Only)				
1. Has the site experie	nced sea lice problems	s in the previous 4 years	s?		
2. Is the CoGP Farm N	Management Area (or e	equivalent) fallowed syn	chronously on a single	year class basis?	
azamethiphos and em can these be deployed	amectin benzoate) as d in a reasonable period cumented farm manag	enced in-feed and bath well as access to suitab d of time? ement agreement or sta	le biological and/or me	chanical control meas	ures, and
` `	•	pection? (Legal SSI, Co	GP Annex 6)		
		standard specified in th	•	Legal SSI, CoGP Ann	ex 6)
7. Are sea lice ( <i>L. saln</i> records are inspected?		low the suggested criter	ia for treatment in the (	CoGP during the period	d that
		<i>monis</i> ) numbers per fisl od that records are insp		above (prior to w/b 10	0/6/19) or
If yes, have these bee	n reported to the Fish H	Health Inspectorate? If r	o, FHI see comment.		
9. Is C. elongatus infe	station at a level which	is considered to cause	significant welfare prob	olems? (CoGP 4.3.81,	5.3.50)
		istered or other actions is elongatus is considered			
11. Has any other action	on been taken (where a	applicable)?			
12. Have therapeutic t	reatments or the action	is taken had a significar	t impact upon the lice I	evels recorded?	
13. Are treatments, wh	nere conducted, carried	out in cooperation bety	een participating farms	s?	
sea lice?	• •	where fewer population			
	cific written lice manage scalation of a sea lice i	ement procedure with winfestation?	aypoints describing set	actions to deal with re	cognised
16. Do the sea lice lev	els observed on stocks	reflect sea lice count d	ata? If no please detail	reasons.	
Containment Inspect	ion				
1. Has the site experie	nced equipment dama	ge due to predators in t	ne current or previous p	production cycles?	N
2. Are measures in pla	ace to mitigate against t	the predation experienc	ed on site? (Detail belo	w)	Υ
Top nets					
If other, detail below	:				
3. Have escape incide	ents or events been exp	perienced on or in the vi	cinity of the site since t	he last FHI inspection	? N
	estions 4 – 9. If No skip ported to Scottish Minis	•			
5. Have these been re	ported to local DSFB fo	orthwith (where they exis	st)? (CoGP – 4.4.37, 5	.4.17)	
6. Have these been re	ported to the SSPO an	d local fisheries trusts fo	orthwith (where they exi	ist)? (CoGP - 4.4.37, 5	5.4.17)
7. Were methods (if ar	ny) used to recover esc	capees? If yes give deta	il		
O If all note were dead	loved was this setion	grood with loos wild find	interests and was r	mission siven by Cart	ioh
8. If gill nets were depl Ministers? (Legal, Co		greed with local wild fish	interests and was peri	mission given by Scott	ISII
· -		imise the risk of further	escapes? (Not covered	in code but could	
	er satisfactory measu				
	•	egards to containment?	If no, please detail rea	son(s)	Υ

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Site No: FS0866

Case No: 2020-0006

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2020-0006	Date of visit: 22/01/2020								
Site No:	FS0866	1		Inspector:		1				
Results Summary	Freq.			Dat	te of Notificat	tion				
		Database	Insp		Insp	Writing	Insp	2 <sup>nd</sup> Insp		
Report Summary										
Case Type	Date	Insp	2 <sup>nd</sup> Insp							
ECI, CNI, VMD	28/01/2020		2 11135							
, ,										





Cooke Aquaculture (Freshwater) Ltd c/o Cooke Aquaculture Scotland Ltd Crowness Road, Hatston Kirkwall Orkney KW15 1RG

# FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0235 SITE NO FS0866 INSPECTOR DATE OF VISIT 22/01/2020
SITE NAME Loch Garasdale
CASE NO 20200006

# 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.

Mortality records were inspected and found to be adequately maintained.

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

R04

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: 28/01/2020

FHI 059, Version 12		Issued by: FHI	Da	te of issue: 08/10/2018
Case No: 2020-0007			Date of vis	it: 22/01/2020
Time spent on site:	hours	Mai	n Inspector:	
Site No: FS0323 Business No: FB0235	Site Name: Business Name:	Cairndow Hatchery Cooke Aquaculture (	(Freshwater) Ltd	
Case Types: 1 ECI	2 CNI 3	4 5	6	
Water Temp (°C):	Thermometer No:	Site	FHI 045 co	ompleted
Observations:	Region: ST	Water type:	F CoGP I	MA
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		N If yes, see addit	tional information/clinic tional information/clinic tional information/clinic	al score sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:		

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

Fish on site will be 2020 S0 -Put to sea in October. They will be held onsite until about 10-15g then transferred to Loch Garasdale and Furnace,

Current stock imported as ova from Stofnfiskur.

Mortalities are ensiled on site and collected by Hasco about once a year. Transported by tanker to Energen biogas plant, Deerdykes

wk 13/1/20 Issue with spate and matting caused mortality increase due to suffocation in C section; 16,000 morts on Sat 18/1/20 and 65,591 on Friday 17/1/20. Morts now back to normal.

Last cycle some fish held until S1. Not planning to do that this year due to water shortage in the summer.

High morts in spring 2019, poor water quality resulting in morts attributed to fungus and lesion only in C section. - 27/5/19 approx. 70.000 lost at 0.25g in C section. 10/6/19 peak; about 153356 morts for C section in week. Wt 0.4g

Site thermometers used for biosecurity reasons.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	ie: 08/10/2018
Case No:	2020-0007	]	Site No:	FS0323	3			
Date of Visit:		22/01/2020			Inspector(s):			]
Registration/Author	orisation Deta	ails						
1. Business/site det			site representa	ative?			Υ	1
2. Changes made to	•	Í	·				N	1
Site Details			_			_		
Total No facilities		76	Facilities sto	cked	50	No facilities	s inspected	50
Species	sal							
Age group	fry							
No Fish	2,309,035							
Mean Fish Wt	0.32g							
Next Fallow Date (S	site)	Oct 2020		Next Input Da	ate (Site)	Dec 2020		
Decemb (least 4 vides)	-l'	0		N	1,	(=:=== l==4 ·	.:-:4\O	N
Recent (last 4 wks)	disease probi	ems?		IN	Any escapes	(since last v	/ISIT) ?	N
If yes, detail:								
<b>Movement Record</b>	s							
1. Movement record	ds available fo	r inspection?						Y
2. Date of last inspe	ection:						23/01/2019	
3. Are records comp	olete and corre	ectly entered	?					Y
4. Are movement re	cords availab	le for dead fis	sh and waste?	•				Y
5. Are records comp	olete and corre	ectly entered	?					Y
6. Are health certific	ates for introd	ductions (outv	vith GB) availa	able?				Y
Transport Records	<b>3</b>							
1. Are any moveme	nts carried ou	t by (or on be	half) of the bu	ısiness (not us	ing a STB)?			N
If yes, is there a sys	tem in place f	or maintenan	ice of transpo	rtation records	?			
Mortality Records								
Mortality records	available for i	nspection?						Y
2. How are mortalities		•			Ensiled - on s	site		_
If other detail:					Ellonod oll	J. (C)		
3. Mortality records	complete and	correctly ent	ered?					Y
	·	•		2800 fish mort	ts 34949 in cvo	ele so far: C	section 1438	3499 fish
				this cycle. Bo	•			
4. Recent mortality	(last 4 wks):		hatch					
5. Evidence of recei	nt increased/a	typical morta	lities?					Y
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:				
see additional info								
6. Any other peaks i	in mortality du	ring period cl	hecked?					Y
If yes, detail:	Spring 2019	-see addition	nal info.					
7. Have increased (	unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	vents' been re	ported to FHI	l? If no, add M	IRT case and e	enter on morta	lity events s	heet.	N

FHI 059, Version 12	Issue	ed by: FHI	Date of issue: 08/10/2018
Recent treatments (I If yes, detail:	ast 4 wks)?		N
If other, detail:			
2. Medicines records a	vailable for inspection?		Y
3. Are records complete	e and correctly entered?		Y
4. Are fish in a withdraw	wal period?		N
5. If yes, what treatmer	nt(s)?		
If other, detail:			
6. Are medicines stored	d appropriately?		Y
Biosecurity Records			
•	available for inspection?		Y
•	•	ding and safe disposal been considered	? Y
	•	ottish Ministers or veterinary professiona	al of any
increased (unexplained	d) mortality at the site been included?		Y
	•	ence or suspicion of the presence of a lis	ted disease Y
	led and how and when that will be not		· · · · · · · · · · · · · · · · · · ·
	•	d on the farm site been covered (equal o	or higher
health status, certificati	on ir required)?		
6. Have the husbandry	and hipsecurity measures implement	ed between each epidemiological unit to	minimise Y
•	•	sitors, equipment, live or dead fish etc.)?	
		ce to maintain the physical containment	
aquaculture animals he			
•	procedures been adequately impleme	ented on site?	Y
If no, detail:			
Results of Surveilland	ce		
1. Has any animal heal	Ith surveillance been carried out by, or	on behalf of, the business?	Y

23/1/19- 22/1/20

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	of issue	: 08/10/2018
Case Number:	2020-0007		Site No:	FS0323		Insp:	
Date of Visit	22/01/2020		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	
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	9
	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	ed (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		igsquare
		or in a coastal zone with category V or within 1 tidal excursion	1		8		
	iaims upstream	TOT WILLIAM FACULSION	<u>'</u>	-	<u> </u>		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	from zone or compartment of us	4				
	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	i			0
·	Feeding unpas	teurised feed	5	1			-
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				-
CoGP/Regulator				•			
Practices in accordance	Yes		0	]			0
with regulator or industry code of practice	No		3				┝─┤
code of practice				J			
Platform access to cages	Yes		0				0
	No		2				
					Total		30
					Rank		HIGH

Case No:	2020-0007	;	Site No:	FS0323	
Sea Lice Inspection (	**				
•	nced sea lice problems in the	•			
	lanagement Area (or equivaler				
azamethiphos and ema can these be deployed 4. Is there a signed do	access to a range of licenced in amectin benzoate) as well as in a reasonable period of time cumented farm management a	access to suitable biological a	nd/or mecl	hanical control measu	res, and
Management Area (or					
	ecords available for inspection				
6. Do records adequate	ely reflect the required standar	d specified in the SSI and the	CoGP? (L	egal SSI, CoGP Anne:	(6)
7. Are sea lice ( <i>L. salm</i> records are inspected?	nonis) record levels below the (CoGP Annex 6)	suggested criteria for treatme	nt in the Co	oGP during the period	that
_	female sea lice ( <i>L. salmonis</i> ) (0/6/19) during the period that r	•	el of 3 or a	above (prior to w/b 10/	6/19) or
•	n reported to the Fish Health Ir				
9. Is C. elongatus infes	station at a level which is cons	idered to cause significant we	lfare proble	ems? (CoGP 4.3.81, 5	.3.50)
	reatments been administered of reatment or where <i>C. elongatu</i>				
11. Has any other action	on been taken (where applicab	le)?			
12. Have therapeutic tr	eatments or the actions taken	had a significant impact upon	the lice le	vels recorded?	
13. Are treatments, wh	ere conducted, carried out in o	cooperation between participat	ting farms?	?	
sea lice?	ng strategy for the site, where f				
	ific written lice management p scalation of a sea lice infestation		ribing set a	actions to deal with rec	ognised
16. Do the sea lice leve	els observed on stocks reflect	sea lice count data? If no plea	ise detail re	easons.	
Containment Inspecti	ion				
1. Has the site experien	nced equipment damage due t	to predators in the current or p	revious pr	oduction cycles?	N
2. Are measures in pla	ce to mitigate against the pred	ation experienced on site? (D	etail below	')	Υ
indoors					
If other, detail below:					
2. Haya sasana insida	into ar avanto baan avnarianas	d on or in the vicinity of the ci	to oingo the	a last EUI inspection?	N
	ents or events been experience		te since the	e last Fri Inspection?	•
	estions 4 – 9. If No skip to que ported to Scottish Ministers?	SHOIT TO			
5. Have these been rep	ported to local DSFB forthwith	(where they exist)? (CoGP -	4.4.37, 5.4	l.17)	
	ported to the SSPO and local f				4.17)
7. Were methods (if an	y) used to recover escapees?	If yes give detail			
8. If gill note were deal.	oved was this action careed w	ith local wild fish interests and	Wae norm	ission given by Seettie	h
Ministers? (Legal, CoG	oyed was this action agreed w 6P – 4.4.38, 5.4.18)	in local wild lish interests and	was perm	ission given by Scottis	" -
9. What action was tak	en to prevent and minimise the	e risk of further escapes? (No	t covered in	n code but could	
be considered under	r satisfactory measures of t	he Act)			
10. Is the site inspecte	d as satisfactory with regards	to containment? If no, please	detail reaso	on(s)	Υ

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Case No: 2020-0007 Site No: FS0323 Date of visit: 22/01/2020

Start date:	End date: (if applicable)	fish:	Average weight of affected population:	Species:	Yearclass:	Timescale	Mortality rate recorded(%):	Explained/ unexplained:	If explained, select reason(s):
13/01/20	19/02/2020	1st feed to 5g	0.3g	SAL		Weekly	4.24	Explained	O2 problems
10/06/19	16/06/2019	1st feed to 5g	0.4g	SAL		Weekly	5.20	Explained	Water quality and fungus
17/06/19	23/06/2019	1st feed to 5g	0.4g	SAL		Weekly	5.30	Explained	Water quality and fungus
24/06/19	30/06/2019	1st feed to 5g	0.4g	SAL		Weekly	3.90	Explained	Water quality and fungus

If unexplained, select observations:	Total mortality during event (if available):	Additional information (e.g. action taken by company):	Action taken by FHI (include case no where applicable):
	99369	Suffocation on the screen due to spate conditions on Thursday night 16th Jan. Mortality on the 17th and 18th January. 2345868 fish on site at time. Mortality for the site was 1.06% the week before and 0.4% the week after.	Collected during a site inspection. No increased mortality at time of inspection.
		High morts in spring 2019, poor water quality resulting in morts attributed to fungus and lesion only in C section.	Collected during a site inspection. No increased mortality at time of inspection.
		High morts in spring 2019, poor water quality resulting in morts attributed to fungus and lesion only in C section.	Collected during a site inspection. No increased mortality at time of inspection.
		High morts in spring 2019, poor water quality resulting in morts attributed to fungus and lesion only in C section.	Collected during a site inspection. No increased mortality at time of inspection.

Case No:	2020-0007			Date of visit:	22/01/2020				
Site No:	FS0323	1		Inspector:		ı			
Results Summary	Freq.			Date of Notification					
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp	
Penort Summan									
Report Summary Case Type	Dete	lnen	ond .						
Case Type	Date	Insp	2 <sup>nd</sup> Insp						
ECI, CNI	12/02/2020								





Cooke Aquaculture (Freshwater) Ltd c/o Cooke Aquaculture Scotland Ltd Crowness Road, Hatston Kirkwall Orkney KW15 1RG

# FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0235 SITE NO FS0323 INSPECTOR DATE OF VISIT 22/01/2020
SITE NAME Cairndow Hatchery
CASE NO 20200007

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

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

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

#### Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

R04

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 assistance or clarification in implementing any requirement or recommendation detailed in 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: 12/02/2020

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2020-0008			Date of visit: 21/01/2020
Time spent on site:	hour	Main Inspecto	r:
Site No: FS0681 Business No: FB0061	Site Name: Business Name:	Ormsary Hatchery Landcatch Natural Selection Lt	rd
Case Types: 1 ECI 2	CNI 3	4 5	6
Water Temp (°C): 5	Thermometer No:	Site	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?	•	N If yes, see additional inform	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:**

Imported eggs - higher non hatch numbers but low deformities.

Loch Duart - ova arrived as unfertilised ova, Stripped at Geisgeil (FS0885)

Mort numbers per stocks for January; Loch Duart; 1575, Organic sea harvest; 4733, SSC; 28390, Salmonid France; 2903

Site thermometer used for biosecurity reasons.

All fish on site moved to Ormsary Smolt Unit prior to feeding.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2020-0008		Site No:	FS0681				
Date of Visit:		21/01/2020			Inspector(s):			]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y Y	}
Site Details								
Total No facilities		1	Facilities sto	cked	1	No facilitie	s inspected	1
Species	Sal	Sal						
Age group	Green Ova	alvins						
No Fish	4,491,843	2,624,337						
Mean Fish Wt	<0.1g	<0.1g						
Next Fallow Date (S	ite)	May 2020		Next Input Da	ate (Site)	Oct 2020		•
Recent (last 4 wks) (	disease probl	ems?		N	Any escapes	(since last	visit)?	N
<ol> <li>Movement record</li> <li>Date of last inspects</li> <li>Are records comp</li> <li>Are movement rest</li> <li>Are records comp</li> <li>Are health certification</li> </ol> Transport Records	ction: olete and corre cords availab olete and corre ates for introd	ectly entered? le for dead fis ectly entered?	sh and waste? ?				25/02/2018	Y Y N/A N/A
1. Are any movemen				•	_			Y
If yes, is there a syst	tem in place f	or maintenan	ce of transpor	rtation records	?			Y
Mortality Records								
Mortality records a						••		Y
2. How are mortalities If other detail:	es aisposea o	Τ?			Incinerated -	on site		
3. Mortality records	complete and	correctly ente		-11			l-fiti l	Y
4. Recent mortality (	last 4 wks):			shock morts - ns 0.94% , Ova			aetormities. L	ower than
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 If yes, detail:	n mortality du	ring period ch	necked?					N
7. Have increased (u	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	IRT case and e	enter on morta	lity events s	heet.	N/A

If yes, detail:	twice a week formalin	
If other, detail:		
	available for inspection?	Y
-	lete and correctly entered?	Y
4. Are fish in a withd	•	Y
5. If yes, what treatm	nent(s)? formalin	
If other, detail:		
6. Are medicines sto	red appropriately?	Y
<b>Biosecurity Record</b>	ls .	
1. Biosecurity record	s available for inspection?	Y
2. Has the manner a	nd frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner a	nd period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplain	ned) mortality at the site been included?	Y
	t will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
	uded and how and when that will be notified to Scottish Ministers?	
	tus of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certific	ation if required)?	
6 Have the bushane	Iry and biosecurity measures implemented between each epidemiological unit to minimise	
	ase been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
	available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals		
•	ity procedures been adequately implemented on site?	Y
If no, detail:		
Results of Surveilla	nnce	
1 Has any animal he	ealth surveillance been carried out by, or on behalf of, the business?	N
-	available for inspection?	
3. Any significant res	·	
	etailed under recent disease problems).	
j co, dotaii (ii fiot di	Table 1 and	

Records checked between: 22/5/18- 21/1/20

FHI 059, Version 12		Issued by: FHI			Date of	of issue	: 08/10/2018
Case Number:	2020-0008		Site No:	FS0681		Insp:	
Date of Visit	21/01/2020		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species		novements on from equivalent zone or	0	0	18	26	10
Species	Number of sup	ncluding third country	0			26 14	18
Marray and a ff							
Movements off	Frequency of m		0			10 10	3
Exposure via water	Ivalliber of des	Site contacts		_			بــــــــــــــــــــــــــــــــــــــ
Water contacts with other	Farm is protect	ed (secure water supply through					$\overline{}$
farms (holding species	disinfection or l	,	0				-
susceptible to same diseases)		or in a coastal zone with category I or within 1 tidal excursion	1	2	4		2
,		or in a coastal zone with category III					-
		or within 1 tidal excursion	1	3	6		ш
		or in a coastal zone with category V n or within 1 tidal excursion	1		8		
	iainis apstream	TOT WITHIN T HALF EXCUISION	<u>'</u>	-	٥		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
the rules of the directive	Processing own	n fish (re-cycling risk)	1				ш
	Processing fish	from MS of equivalent status	2				-
	Processing fish equivalent state	from zone or compartment of us	4				П
	Processing fish	from Category III farm	8	1			
	Processing fish	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				3
	Collection poin	t for waste from other farms	5				-
Use of unpasteurised feeds	No feeding of u	npasteurised 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				H
CoGP/Regulator				J			
Practices in accordance	Yes			1			0
with regulator or industry code of practice	No		3				┝─┤
code of practice				J			
Platform access to cages	Yes		0				0
	No		2				
					Total		34
					Rank		HIGH

Case No:	2020-0008	;	Site No:	FS0681	
•	(Seawater Sites Only) enced sea lice problems in the pre	vious 4 years?			
2. Is the CoGP Farm	Management Area (or equivalent)	fallowed synchronously on	a single ye	ear class basis?	
azamethiphos and en can these be deployed	access to a range of licenced in-fenamectin benzoate) as well as acceding a reasonable period of time?	cess to suitable biological a	nd/or mech	hanical control measure	es, and
Management Area (or					
5. Are sea lice count i	records available for inspection? (I	egal SSI, CoGP Annex 6)			
6. Do records adequa	tely reflect the required standard s	specified in the SSI and the	CoGP? (L	egal SSI, CoGP Annex	6)
7. Are sea lice ( <i>L. sali</i> records are inspected	monis) record levels below the sugary (CoGP Annex 6)	ggested criteria for treatmer	nt in the Co	oGP during the period the	nat
_	t female sea lice ( <i>L. salmonis</i> ) nul 10/6/19) during the period that rec	•	el of 3 or a	above (prior to w/b 10/6/	/19) or
If yes, have these bee	en reported to the Fish Health Insp	ectorate? If no, FHI see co	mment.		
9. Is C. elongatus infe	estation at a level which is conside	red to cause significant we	lfare proble	ems? (CoGP 4.3.81, 5.3	3.50)
	treatments been administered or c treatment or where <i>C. elongatus</i> i				
11. Has any other act	ion been taken (where applicable)	?			
12. Have therapeutic	treatments or the actions taken ha	d a significant impact upon	the lice lev	vels recorded?	
13. Are treatments, w	here conducted, carried out in coo	peration between participat	ing farms?	•	
14. Is there a harvesti sea lice?	ing strategy for the site, where few	er populations or part popu	lations are	held without treatment	for
	cific written lice management proc escalation of a sea lice infestation		ribing set a	ctions to deal with reco	gnised
16. Do the sea lice lev	vels observed on stocks reflect sea	a lice count data? If no plea	se detail re	easons.	
Containment Inspec	tion				
1. Has the site experie	enced equipment damage due to p	predators in the current or p	revious pro	oduction cycles?	N
2. Are measures in pla	ace to mitigate against the predati	on experienced on site? (De	etail below	)	Υ
indoors					
If other, detail below	V:				
0 11	lantata bana			- I4 FI II '	N
	ents or events been experienced	•	te since the	e last FHI Inspection?	N .
	uestions 4 – 9. If No skip to question apported to Scottish Ministers?	on 10			
4. Have these been re	sported to ocotton willisters:				
5. Have these been re	eported to local DSFB forthwith (w	here they exist)? (CoGP -	4.4.37, 5.4	.17)	
6. Have these been re	eported to the SSPO and local fish	eries trusts forthwith (where	e they exist	t)? (CoGP – 4.4.37, 5.4	.17)
7. Were methods (if a	ny) used to recover escapees? If	yes give detail			
8. If gill nets were den	ployed was this action agreed with	local wild fish interests and	was perm	ission given by Scottish	
Ministers? (Legal, Co			, p. 2	J, 223	
9. What action was ta	ken to prevent and minimise the ri	sk of further escapes? (Not	covered ir	n code but could	
be considered under	er satisfactory measures of the	Act)			
10. Is the site inspect	ed as satisfactory with regards to	containment? If no, please of	detail reaso	on(s)	Υ

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Case No:	2020-0008			Date of visit:	21/01/2020			
Site No:	FS0681	1		Inspector:		1		
Results Summary	Freq.			Dat	te of Notificat	tion		
		Database	Insp		Insp	Writing	Insp	2 <sup>nd</sup> Insp
	-							
	<del> </del>							
Report Summary	1			I				
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
ECI, CNI	30/01/2020		Z IIISP					
201, 0111	00/01/2020							
	1							
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Landcatch Natural Selection Ltd Ormsary Fish Farm Lochgilphead Argyll PA31 8PE

# FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0061 SITE NO FS0681 INSPECTOR DATE OF VISIT 21/01/2020
SITE NAME Ormsary Hatchery
CASE NO 20200008

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

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

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

### Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

R04

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

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

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

## 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: 30/01/2020

FHI 059, Version 12	Issu	ed by: FHI	Date of issue: 08/10/2018
Case No: 2020-0009			Date of visit: 21/01/2020
Time spent on site:	hours	Main Inspecto	r:
Site No: FS0892 Business No: FB0061	Site Name: Business Name:	Clachbreac Landcatch Natural Selection Li	d
Case Types: 1 ECI 2	2 CNI 3 VMD	4 5	6
Water Temp (°C): 5	Thermometer No:	T146	FHI 045 completed
Observations:	Region: ST	Water type: F	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see additional inform	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail rea	son below:	

## **Additional Case Information:**

Morts are frozen on site and regularly taken to Ormsary for incineration

All fish going out as S1 starting wk15 - Loch Duart and Organic Sea Harvest small amount of fish with fungus observed on site.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2020-0009		Site No:	FS0892				
Date of Visit:		21/01/2020			Inspector(s):			]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		ite representa	itive?			Y N	]
Site Details								
Total No facilities		24	Facilities sto	cked	18	No facilitie	s inspected	24
Species	sal							
Age group	2020 S1							
No Fish	292,949							
Mean Fish Wt	56g							
Next Fallow Date (S	ite)	April 2020		Next Input Da	te (Site)	May 2020		
Recent (last 4 wks)	disease proble	ems?		Υ	Any escapes	(since last	visit)?	N
If yes, detail:		jus treated wi	th formalin in			(		
Movement Records	<b>S</b>							
1. Movement record	s available for	r inspection?						Y
2. Date of last inspe							01/12/2019	
3. Are records comp		ectly entered?						Y
4. Are movement re	cords availabl	e for dead fis	h and waste?					Y
5. Are records comp	lete and corre	ectly entered?						Y
6. Are health certific	ates for introd	luctions (outw	ith GB) availa	ıble?				N/A
Transport Records	•							
Are any movement		by (or on bel	nalf) of the bu	siness (not usi	ing a STB)?			Y
If yes, is there a sys					_			Y
Mortality Records	·		·					
Mortality records :	available for ir	espection?						Y
2. How are mortalities		•			Incinerated -	on site		
If other detail:					momoratoa	on one		
3. Mortality records	complete and	correctly ente	ered?					Y
				ghtly over last	4 weeks to ab	out 1000/sit	te/wk attribute	ed to fungus
4. Recent mortality (	last 4 wks):		and treatmer	•				J
5. Evidence of recer	nt increased/a	typical mortal	ities?					Y
If yes, facility nos/no	mortality per	facility/no sto	ck per facility/	/reason:				
across all stocks du	e to fungus sn	nall increase t	to about 50/ta	nk/week				
6. Any other peaks i	n mortality du	ring period ch	ecked?					N
If yes, detail:								
7. Have increased (	unexplained) r	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	lity events s	heet.	N/A

1. Necelli irealinenta (last 4 wks):		
If yes, detail: form	alin - throughout B section	
If other, detail:		
2. Medicines records available for inspe		Y
3. Are records complete and correctly e	entered?	Y
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?	formalin	
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
1. Biosecurity records available for insp	pection?	Y
	ortality removal, recording and safe disposal been considered?	Y
	the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at th	•	Y
4. Has the action that will be taken in the	ne event that the presence or suspicion of the presence of a listed disease	Y
	d when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture	animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?		
	measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered	(movement of staff, visitors, equipment, live or dead fish etc.)?	
	g the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?		
8. Have the biosecurity procedures bee	en adequately implemented on site?	Y
If no, detail:		
Results of Surveillance		
Has any animal health surveillance h	peen carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspe		
3. Any significant results?		
If yes, detail (if not detailed under recei	nt disease problems).	

1/12/19- 21/1/20 Records checked between:

	11 059, Version 12							155	ueu by. F	111			
	Case no:	2020-00	009	Site No:		FS0892			Date of v		21/0	01/2020	
	Priority samples:	VI		ВА		PA		MG		ı. HI			
	Time sampling starts/ends:	15:0	0:00	16:0	0:00		Inspect	or:			VMD No	). <b>[</b>	14
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI	F	PA		Total Sa	mples
Α	dd Fish/Pools - click												
	Pool/Fish No												
L	Fish nos	1-6	7-12	13-18	19-24	25-30	31-36	37-42					
	Pool Group												
	Species	SAL	SAL	SAL	SAL	SAL		SAL					
	Average weight	40g	40g	40g	40g	40g	60g	50g					
	Sex												
	Water Type	FW											
Stock Details	Stock Origin	Ormsary Smolt Unit											
S	Facility No	B2	A5	A7	A11	A14	B1	B7					

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

FHI 059, Version 12	Issued by: FHI Date of issue:						
Case Number:	2020-0009		Site No	: FS0892		Insp:	
Date of Visit	21/01/2020		No of r	novements/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 o	or	0 9	18	26	
·	Number of sup	ncluding third country pliers		0 5		14	-
Movements off	Frequency of n		+	0 3	6	10	6
Movements on	Number of des			0 3		10	6
Exposure via water		Site contac	ts	0 1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	,		0			
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion		1 2	4		2
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion		1 3	6		ш
		or in a coastal zone with category V n or within 1 tidal excursion		1 4	8		ш
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent wate	ers	0 1	2		0
On farm processing within the rules of the directive	No on farm pro			0			0
	Processing ow	n fish (re-cycling risk)		1			
		from MS of equivalent status		2			
	equivalent stat			4			
	_	r from Category III farm		8			
	Processing fish	n from Category ∨ farm	1	0			ш
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		<u> </u>			0
	Feeding unpas	teurised feed		5			ш
Biosecurity		Number of sit	es	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			ш
CoGP/Regulator			_				
Practices in accordance	Yes		T	o			0
with regulator or industry code of practice	No			3			
Platform access to cages	Yes			0			0
	No			2			Ш
					<b>Total</b> Rank		17 MEDIUM

15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?  16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.  Containment Inspection  1. Has the site experienced equipment damage due to predators in the current or previous production cycles?  2. Are measures in place to mitigate against the predation experienced on site? (Detail below)  Inside tanks and overhead nets on outside tanks	Case No:	2020-0009	Site No:	FS0892	
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?  3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamentin beroate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?  4. Is there a slighed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?  5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)  6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)  7. Are sea lice (L. salmonis) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)  8. Have average adult female sea lice (L. salmonis) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 10 cords or 10 cor					
3. Does the site have access to a range of licenced in-feed and bath see lice medications (including deltamethrin. azamethiphos and memberch berzozele) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?  4. Is there a slighed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?  5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)  6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)  7. Are sea lice ( <i>L. salmonis</i> ) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)  8. Have average adult female sea lice ( <i>L. salmonis</i> ) numbers per fish been at a level of 3 or above (prior to wib 10/6/19) or 2 or above (from wib 10/6/19) during the period that records are inspected?  7. Are sea lice in the station of the records are inspected?  8. Have average adult female sea lice ( <i>L. salmonis</i> ) numbers per fish been at a level of 3 or above (prior to wib 10/6/19) or 2 or above (from wib 10/6/19) during the period that records are inspected?  9. Is C. elongatus infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)  10. Have therapeutic treatments been administered or other actions taken when <i>L. salmonis</i> fevels have exceeded the suggested criteria for treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)  11. Has any other action been taken (where applicable)?  12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?  13. Are treatments, where conducted, carried out in cooperation between participating farms?  14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice levels observed on stocks	·				
azamathiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and ant hase be deployed in a reasonable period of time?  4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Are (or equivalent)?  5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)  6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)  7. Are sea lice (L. salmonis) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)  8. Have average adult female sea lice (L. salmonis) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) (unifor the period that records are inspected?)  10. Have these been reported to the Fish Health inspectorate? If no, Firl see comment.  13. Is C. elongatus infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)  10. Have therapeutic treatments been administered or other actions taken when L. salmonis levels have exceeded the baugegested criteria for treatment or where C. elongatus is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)  11. Has any other action been taken (where applicable)?  12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?  13. Are treatments, where conducted, carried out in cooperation between participating farms?  14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?  15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised coverance during the escalation of a sea lice linestation?  16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.  17 of their detail below:  18 of					
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6) 5. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6) 5. Do records are inspected? (CoGP Annex 6) 6. 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) uniting the period that records are inspected? 6. If ave 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) uniting the period that records are inspected? 6. If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment. 9. Is <i>C. elongatus</i> infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50) 10. Have therapeutic treatments been administered or other actions taken when <i>L. salmonis levels</i> have exceeded the suggested criteria for treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) 11. Has any other action been taken (where applicable)? 12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? 13. Are treatments, where conducted, carried out in cooperation between participating farms? 14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice? 15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation? 16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.  17. A site of the site is a specific to mitigate against the predation experienced on site? (Detail below) 18. If we shall be one site of mitigate against the predation experienced on site? (Detail below) 19. The site of the site is the last FHI inspectio	azamethiphos and ema can these be deployed 4. Is there a signed doo	amectin benzoate) as well as access to suitable bio I in a reasonable period of time? cumented farm management agreement or stateme	ological and/or med	hanical control measure	es, and
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If other, detail below:  3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?  If Yes proceed with questions 4 – 9. If No skip to question 10  4. Have these been reported to Scottish Ministers?  5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)  6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)  7. Were methods (if any) used to recover escapees? If yes give detail  8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)  9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)	2. Are measures in place	ce to mitigate against the predation experienced on	site? (Detail below	<b>'</b> )	Y
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If Yes proceed with questions 4 – 9. If No skip to question 10 4. Have these been reported to Scottish Ministers?  5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)  6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)  7. Were methods (if any) used to recover escapees? If yes give detail  8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)  9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)	If other, detail below:				
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5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 7. Were methods (if any) used to recover escapees? If yes give detail  8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18) 9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)		· · ·			
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Ministers? (Legal, CoGP – 4.4.38, 5.4.18)  9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)	7. Were methods (if an	y) used to recover escapees? If yes give detail			
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)  9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)	8. If all nets were denic	oved was this action agreed with local wild fish inter	rests and was nerm	ission given by Scottish	1
be considered under satisfactory measures of the Act)			23.0 and nao point		
	9. What action was take	en to prevent and minimise the risk of further escap	es? (Not covered in	n code but could	
10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)	be considered under	r satisfactory measures of the Act)			
	10. Is the site inspected	d as satisfactory with regards to containment? If no	, please detail reas	on(s)	Υ

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Site No: FS0892

Case No: 2020-0009

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

Case No:	2020-0009	Date of visit: 21/01/2020								
Site No:	FS0892	1		Inspector:		l				
Results Summary	Freq.	Date of Notification								
		Database	Insp		Insp	Writing	Insp	2 <sup>nd</sup> Insp		
Report Summary										
Case Type	Date	Insp	2 <sup>nd</sup> Insp							
ECI, CNI, VMD	30/01/2020		2 11135							
, ,										





Landcatch Natural Selection Ltd Ormsary Fish Farm Lochgilphead Argyll PA31 8PE

# FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0061 SITE NO FS0892 INSPECTOR DATE OF VISIT 21/01/2020 SITE NAME Clachbreac CASE NO 20200009

# 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.

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

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

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

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 www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter

Date: 30/01/2020

FHI 059, Version 12		Issued by: FHI	Date	of issue: 08/10/2018
Case No: 2020-0010			Date of visit:	21/01/2020
Time spent on site:	hours	Mair	n Inspector:	
Site No: FS0575 Business No: FB0061	Site Name: Business Name:	Ormsary Smolt Unit Landcatch Natural Se	election Ltd	
Case Types: 1 MOV	2 VMD 3 DIA	4 5	6	ן
Water Temp (°C): 3.2	Thermometer No:	T146	FHI 045 com	pleted
Observations:	Region: ST	Water type: F	CoGP MA	A
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see additi	ional information/clinical ional information/clinical ional information/clinical	score sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:		

#### Additional Case Information:

Export of 315@58g smolts to Wageningen University in Holland, IntraGB.2020.0001584. Transported by Solway Transport. From tank E1. Vaccinated 20/11/19 and post treated with formalin. Morts in tank low and attributed to fungus.

2020 S1 going to sea starting wk10 to wk17 - going SSC - Lamlash, Loch Duart to Sound of Harris

FVG in for lesions observed mainly in tank X9, suspected bacterial growth, likely Flavobacterium - treatments; florocol, cress and formalin. Morts across the site since vaccination in September about 2.2% in 2020 S1s.

Florocol treatment 16th Jan 2020 - all 2020 S1 tanks treated and currently under treatment finishing on Sunday. Feed mixed on site.

wk3 peak morts in tank X9 -146 for the day all with lesions; 13/1/20, tank X10 338 morts due to lesions

Feed mixing licence from 2014 - is an annual licence sent out? Contacted VMD licences are not sent out annually. 2014 one is currrent. Site contact informed 3/2/20

FHI 059, Version 12			Issu	ed by: FHI			Date of issue	e: 08/10/2018
Case No:	2020-0010		Site No:	FS0575				
Date of Visit:		21/01/2020			Inspector(s):			]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	itive?			Y N	
Site Details								
Total No facilities		108	Facilities sto	cked	58	No facilitie	s inspected	58
Species	sal	sal						
Age group	2020 S1	2020 S0						
No Fish	1,153,225	1,095,012						
Mean Fish Wt	70g	0.2g						
Next Fallow Date (Si	ite)	None		Next Input Da	ate (Site)	This week	from Ormsar	y Hatchery
Broont (last 4 wks)	diagona prob	2		V	Any seesnes	(since last)	visit\2	N
Recent (last 4 wks) of lf yes, detail:		cterial lesions			Any escapes	(Since last	/ISIL) !	N
Movement Records								
		r increation?						V
Movement records     Date of last inspec		r inspection :					21/07/2019	1
<ol> <li>Date of last inspect</li> <li>Are records comp</li> </ol>		cotly optored	,				21/0//2019	Y
4. Are movement red		•						N/A
5. Are records comp								N/A
6. Are health certification		•		able?				N/A
Transport Records								
1. Are any movemen		t by (or on be	half) of the bu	siness (not us	ing a STB)?			
If yes, is there a syst				•	_			
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalitie	s disposed o	f?			Incinerated -	on site		
If other detail:								V
3. Mortality records of	complete and	correctly enter						Y
4. Recent mortality (	last 4 wks):			rts; 0.33%/site/ fungus and les		/k 1, wk52, (	).2%, wk51 0.	.23%-
5. Evidence of recen		typical mortal		idilgas aria is	no.15			Y
If yes, facility nos/no		• •		/reason:				
2020 S1 peaked at 1		•						
6. Any other peaks in								N
If yes, detail:								
7. Have increased (u	inexplained)	mortalities be	en reported to	vet or FHI?				Y
If yes, detail action:		Visit from F\	/G - prescribe	d florfenicol				
8. Have 'mortality ev	ents' been re	ported to FHI	? If no add M	RT case and c	enter on morta	lity events s	heet	N/A

1. Recent treatments (last 4 wks)?				Y
If yes, detail: Florfenicol, Formalin	Cress			
If other, detail:				
2. Medicines records available for inspection?				Y
3. Are records complete and correctly entered?				Y
4. Are fish in a withdrawal period?				Y
5. If yes, what treatment(s)?	florfenicol	formalin	Cress	
If other, detail:				
6. Are medicines stored appropriately?				Y
Biosecurity Records				
Biosecurity records available for inspection?				
Has the manner and frequency of mortality removal, record	rding and safe	e disposal bee	en considered?	
3. Has the manner and period in which the APB will notify So	_	•		
increased (unexplained) mortality at the site been included?			., , , , , , , , , , , , , , , , , , ,	
•				
4. Has the action that will be taken in the event that the prese	ence or suspi	cion of the pr	esence of a listed disease	
is detected been included and how and when that will be no	tified to Scott	ish Ministers?	?	
5. Has the health status of aquaculture animals being stocked	ed on the farm	n site been co	vered (equal or higher	
health status, certification if required)?				
6. Have the husbandry and biosecurity measures implement		•	_	
transmission of disease been covered (movement of staff, vi				
7. Is documentation available regarding the measures in plants.	ce to maintain	n the physical	containment of	
aquaculture animals held on site?		•		
8. Have the biosecurity procedures been adequately implem	ented on site	?		
If no, detail:				
Results of Surveillance				
1. Has any animal health surveillance been carried out by, or	r on behalf of,	, the business	?	Y
2. If yes, are results available for inspection?				Y
3. Any significant results?				Y
If yes, detail (if not detailed under recent disease problems).				
bacterial infection and fungus				

21/7/19- 21/1/19 Records checked between:

	11 000, VOIDIOI1 12					F00F7F							
	Case no:	2020-00	010	Site No:		FS0575			Date of		21/	01/2020	21/0
									Samplin				
	Priority samples:	VI		BA		PA		MG		HI			
	Time sampling	11:3	0:00	12:3	0:00		Inspecto	or:			VMD No	٥.	20
	starts/ends:												
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST	Υ	BA	Υ	MG	Υ	VI	Υ	PA	Υ	Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No	F1	F2			F5	P1						
	Fish nos	1	2	3		5	1-5	6-11	12-17	18-23	24-29	30-36	37-42
	Pool Group	P1	P1	P1	P1	P1							
	Species	SAL	SAL	SAL		SAL	SAL	SAL	SAL	SAL		SAL	SAL
	Average weight	50g	50g	50g	50g	50g							
	Sex												
	Water Type	FW	FW	FW	FW	FW							
		<u></u>	Σi	Şıs	SIZ.	Şı	<u></u>	Şıs	SIZ.	>	_	>	>
		g a	a	a che	a	a che	a Che	a che	a	saı	sai	Ormsary	sai
		t vi	t vi late	t vi Iato	t vi Iato	t vi Iato	t vi lato	t vi Iato	t vi Iato	Ë	Ë	Ë	Ë
siis	l	Jar y	Jar y F	uar y F	Jar y F	uar y F	Jar y F	uar y F	Jar y F	0 >	0 >		0 >
Details	l	J Z E	Du	Du	Du	Du	D Sar	Du	Du	via	via	via	via
		Loch Duart via Ormsary Hatchery	SSC via Ormsary Hatchery	SSC via Ormsary Hatchery	SSC via Hatchery	SSC via Ormsary Hatchery							
Stock	Stock Origin	)		)								ļ	
St	Facility No	X9	X9	X9	X9	X9	X9	A4	A6	E6	E13	E20	E28

	111 000, Volume 12												
01/2020	01/2020 Additional Sample Information:												
	MG DNA Prep for Flavobacterium. PCR test to be added into LIMS												
6	1	Total To	ests ass	igned	5	l							
43-48	49-54	55-60	61-66										
SAL	SAL	SAL	SAL										
50g	50g	50g	50g										
FW	FW	FW	FW										
SSC via Ormsary Hatchery	SSC via Ormsary Hatchery Loch Duart via Ormsary Hatchery SSC via Ormsary Hatchery												
X11	X10	X7	X5										

FHI 059, Version 12 Issued by: FHI Date of issue: 08/10/2018 Method of killing: Anaesthetic Case no: FS0575 2020-0010 Site No: Inspector(s): Date of visit: 21/01/2020 Sheet Relevant: Y 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 Zoned Necrotic Lesions Flank Elsewhere Vent Inflamed Trailing faeces Lice Load Estimate numbers Internal Signs Ascites Clear Bloody Oedema In tissues Heart Pale/anaemic Granulomas Deformed Liver Petechial haem Gross haem Tissue breakdown Enlarged Colour number(s) Granulomas Lesions Pyloric caeca Petechial haem Tubules mauve Lack of fat Spleen Enlarged Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Swollen Grey Granular

Liquefied

Anaemia

Parasites present

General

Case no: 2020-0010

Date of visit: 21/01/2020

Ventrum	Date of visit:	21/01/2020	J					
Fish Number	S for strong presen	nce: M for medium presence: W for y						
Time sampled after death (if > 46 minutes) Echarola (signa Ech		ico. In for modium prosoneo. W for						
External Signs Behaviour Moribund Lethargic Hanging vertical Spiralling Flashing Loss of equilibrium Body Dark Obsended abdomen Obsended abdomen Anorexic Scale Oedena Sportaned Percuia Scale Oedena Scale Oedena State Oedena St		er death (if > 45 minutes)						
Behaviour   Moribund		or death (ii > 40 minutes)						
Lethargic	Behaviour	Moribund						
Hanging vertical	Bollavioui							
Spiraling								
Flashing								
Loss of equilibrium								
Body		Loss of equilibrium						
Distended abdomen	Body							
Anorexic   Scale Oedema   Scale Oedema   Scale Oedema   Shortened   Shortene	,							
Scale Dedema								
Flared		Scale Oedema						
Flared	Opercula	Shortened						
Ventrum								
Ventrum	Haemorrhaging	Throat						
Elsewhere		Ventrum						
Eyes								
Cataract								
Cataract	Eyes							
Haemorrhagic								
Gills								
Zoned								
Necrotic	Gills							
Lesions								
Elsewhere								
Vent	Lesions							
Trailing faeces								
Lice Load	Vent							
Internal Signs								
Ascites   Clear	Lice Load	Estimate numbers						
Ascites   Clear	Internal Cinna							
Bloody		Class						
Oedema         In tissues         In tissues<	ASCITES							
Heart	Oodoma							
Granulomas								
Deformed	neart							
Liver         Petechial haem								
Gross haem	Liver							
Tissue breakdown	LIVOI							
Enlarged								
Colour number(s)								
Granulomas								
Lesions								
Pyloric caeca         Petechial haem								
Tubules mauve Lack of fat Spleen Enlarged Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem Internal haem Swim bladder Haemorrhaging Fluid filled Kidney Granular Granular Liquefied General Farasites present	Pyloric caeca							
Lack of fat       Image: Company of the c								
Spleen         Enlarged         Image: Continuous of the cont								
Granulomas         Image: Control of the control	Spleen							
Gut         No food present         Image: square sq								
External haem         Internal	Gut	No food present						
External haem         Internal		Yellow pseudo-faeces						
Body wall         Haemorrhaging         Image: Control of the control		External haem						
Swim bladder     Haemorrhaging     Image: Control of the cont								
Fluid filled         Image: Control of the contro	Body wall							
Kidney         Swollen         Image: Control of the co	Swim bladder							
Grey         Image: Control of the								
Granular	Kidney							
Liquefied Seneral Parasites present Seneral Se								
General Parasites present								
Anaemia	General							
		Anaemia						

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/201
Additional comments:		
Lesion on dorsal surface		
		l
		l
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Site No: FS0575

Case No: 2020-0010

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

Case No: 2020-0010 Date of visit: 21/01/2020 Site No: FS0575 Inspector: Results Summary Freq. Date of Notification Writing Database Phone Insp Insp Insp 2<sup>nd</sup> Insp MG IPN 26/02/2020 1/1 27/01/2020 28/01/2020 MG FPSY 1/1 27/01/2020 28/01/2020 26/02/2020 MG; IHN, SAV, VHS 0/1 27/01/2020 28/01/2020 26/02/2020 03/02/2020 03/02/2020 26/02/2020 **GSAL** 0/1 SKIN 26/02/2020 4/5 03/02/2020 03/02/2020 03/02/2020 **MPAT** 4/5 26/02/2020 03/02/2020 26/02/2020 SAPR 3/5 03/02/2020 03/02/2020 03/02/2020 **BACT** 4/5 03/02/2020 26/02/2020 Lactococcus piscium 5/5 26/02/2020 26/02/2020 PSPE 5/5 24/02/2020 26/02/2020 **FSPE** 26/02/2020 2/5 24/02/2020 Report Summary 2<sup>nd</sup> Insp Case Type Date Insp VMD, MOV 30/01/2020 DIAG 26/02/2020





Landcatch Natural Selection Ltd Ormsary Fish Farm Lochgilphead Argyll PA31 8PE

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

**BUSINESS No** FB0061 SITE NO FS0575

INSPECTOR

DATE OF VISIT 21/01/2020 SITE NAME

Ormsary Smolt Unit

CASE NO 20200010

# **Section 1: Summary**

During a routine inspection at Ormsary Smolt Unit records showed increased mortalities in tanks X9 and X3. Five fish were removed for diagnostic examination.

Histopathology examination revealed moderate to marked, focal, necrotizing myositis and mild focal muscular haemorrhage likely associated with oomycetes and bacteria.

Pseudomonas sp., and Lactococcus piscium, were isolated on plates taken from the fish. The level and purity of growth would suggest they may be a threat to fish health if the population is compromised. Flavobacterium sp. was isolated but was not identified as F. psychrophilum. Flavobacterium psychrophilum was detected by QPCR testing.

Sample tested positive by QPCR for infectious pancreatic necrosis virus (IPNV). However histopathology results were not consistent with IPN disease. The fish had been vaccinated against IPN.

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

Ormsary Smolt Unit was visited to carry out a routine inspection. During the visit site staff informed me of increased mortality levels in tanks X9 and X3. This was being attributed to lesions and a Flavobacterium sp. infection. The fish were undergoing a florfenicol treatment. inspection of tanks X9 and X3 approximately 30 moribund fish were observed with lesions on the dorsal surface in each tank. Five fish were removed for diagnostic sampling.

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# **Samples**

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

Fis numl		Pool number	Facility number	Species	Stage	Origin
1-5	5	P1	Х9	Atlantic salmon	50g	Ormsary Hatchery for Loch Duart

## Results

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

The following bacteria were isolated;

- Pseudomonas sp. lesion (F1-F5).
- Lactococcus piscium lesion (F1-F5), spleen (F2) and kidney (F2).
- Flavobacterium sp lesion (F2).

The predominant isolate observed was *Pseudomonas sp.* From the tests conducted, we do not have evidence of resistance to oxytetracycline or sulphamethoxazole/trimethoprim. There was however no sensitivity to amoxicillin and florfenicol.

A second predominant isolate was identified as *Lactococcus piscium* by sequencing. The level and purity of growth would suggest it may be a threat to fish health if the population is compromised.

Due to the suspicion of the presence of *Flavobacterium psychrophilum* tissue samples were tested for segments of nucleic acid indicative of the presence of the pathogen using real-time PCR (QPCR). This test proved positive.

Flavobacterium psychrophilum

Pool Number	Endogenous control Cp value		Cp Values		Reported Result (PCR)
P1	22.21	34.79	35.84	35.87	Positive

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

The samples tested positive for infectious pancreatic necrosis virus (IPNV)

Pool Number	Endogenous control Cp value		Cp Values		Reported Result (PCR)
P1	17.10	34.46	34.98	34.61	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:** Fins were collected to determine the presence of *Gyrodactylus salaris* using light microscopy. No *G. salaris* parasites were detected in the samples examined.

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

Gill: Within normal range.

<u>Skin & Muscle:</u> Focally extended white muscle necrosis and small foci of haemorrhage and few polymorphonuclear leukocyte among red muscle fibres (F2-F5). Both skeletal muscle displayed structures resembling hyphae and F2, F3 & F5 a small mat of hyphae close to the outer layer of epidermis. Epidermal layer displayed areas of spongiosis (F2, 5). Filamentous and few rod-shaped bacteria was also noted associated with dermis and muscular layer at the lesion edge (F2-F5).

Heart: Within normal range.

<u>Gut and pyloric caeca:</u> Some fibrous adhesions likely associated with vaccine administration (F1-F3).

Pancreas: Within normal range.

<u>Liver:</u> Some diffuse hepatocyte vacuolation (F1).

Kidney: Mild renal tubule dilation (F2).

Spleen: Slightly congested (F5).

Brain: Within normal range.

A mild peritonitis likely associated with vaccine administration was also noted.

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: 24/02/2020

R09





21/01/2020

**Ormsary Smolt Unit** 

Landcatch Natural Selection Ltd Ormsary Fish Farm Lochgilphead Argyll PA31 8PE

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0061 DATE OF VISIT
SITE NO FS0575 SITE NAME

INSPECTOR CASE NO 20200010

## Inspection for placing on the market in the EU

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

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

Signed: Date: 30/01/2020

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>





Landcatch Natural Selection Ltd Ormsary Fish Farm Lochgilphead Argyll PA31 8PE

# FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0061 Date of Visit 21/01/2020

SITE NO FS0575 SITE NAME Ormsary Smolt Unit

INSPECTOR CASE No 20200010

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

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

Samples were taken to be analysed for veterinary residues.

In addition, samples were taken for diagnostic purposes. A separate report will be issued detailing the results of these tests.

#### Records

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

Medicine records were inspected and found to be adequately maintained.

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

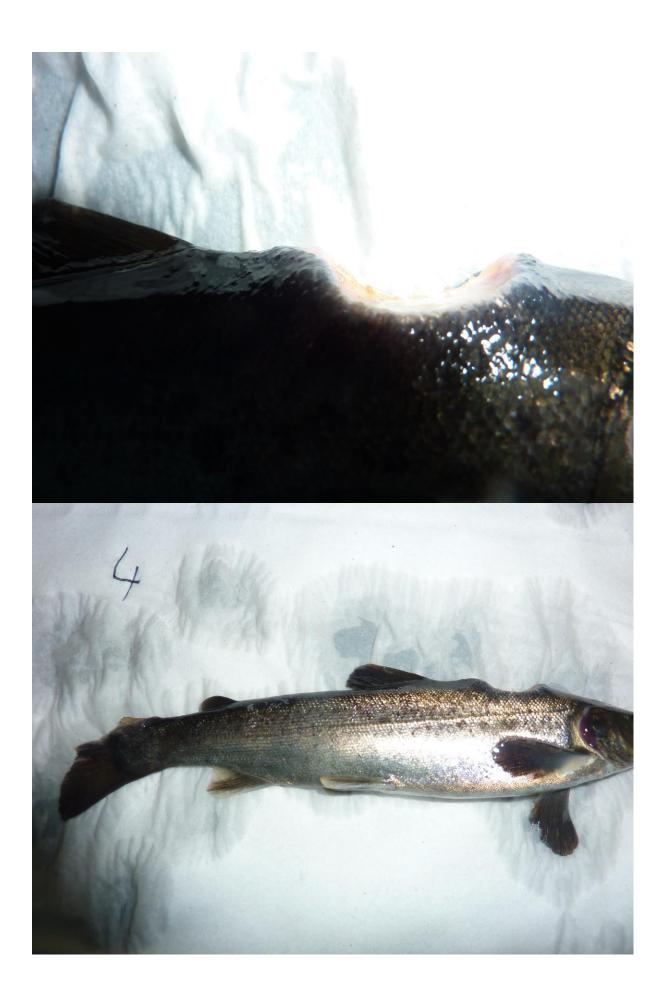
Mortality records were inspected and found to be adequately maintained.

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.

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



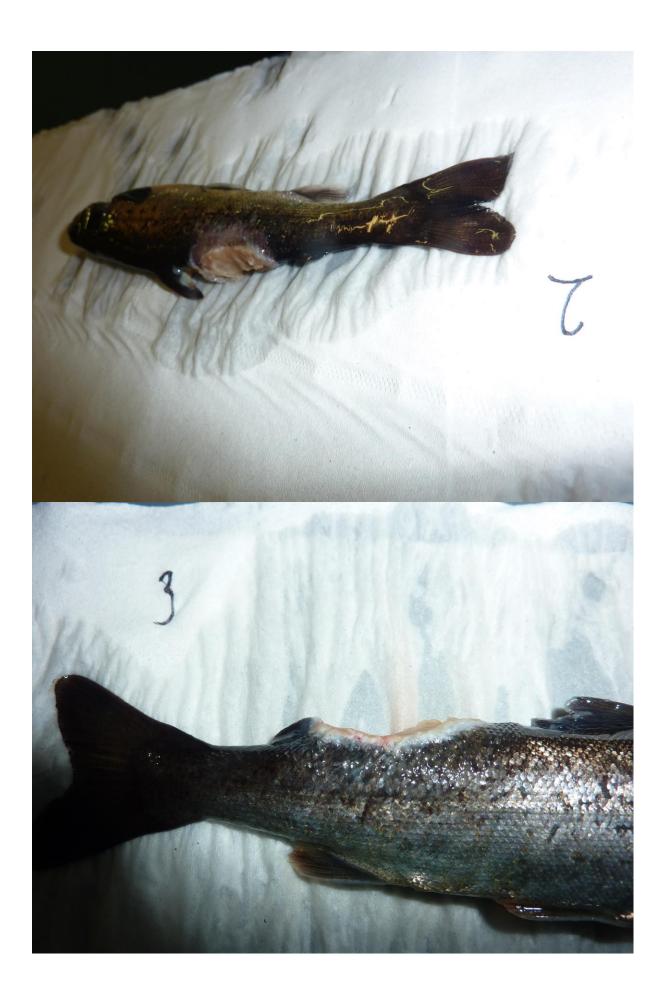
Date: 30/01/2020













FHI 059, Version 12	Iss	ued by: FHI	Date of issue: 08/10/2018				
Case No: 2020-0012			Date of visit: 20/01/2020				
Time spent on site:	1	Main Inspecto	or:				
Site No: SS0548 Business No: SB0553	Site Name: Business Name:	Lamb Holm Orkney Shellfish Hatchery (OS	SH) Ltd				
Case Types: 1 DIS 2	3	4 5	6				
Water Temp (°C):	Thermometer No:		FHI 045 completed				
Observations:	Region: OR	Water type: S	CoGP MA				
Dead/weak/abnormally behaving fish present?  Clinical signs of disease observed?  Gross pathology observed?  Diagnostic samples taken?  If yes, see additional information/clinical score sheet.  If yes, see additional information/clinical score sheet.							
UNI/REG only - if unable to carry out intended visit detail reason below:							

### **Additional Case Information:**

Site fallow since 19/12/19 when remaining stock was transferred for disposal as per permission to move shellfish.

Disinfection inspection conducted to determine if the active CDN can be lifted.

Site had been disinfected in accordance with the agreed protocol, all records of disinfection, contact times, concentrations etc were maintained and available for inspection.

The site was inspected and had been cleaned and disinfected to a satisfactory level.

It will be recommended that the CDN can be revoked.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	ie: 08/10/2018
Case No: 2	2020-0012		Site No:	SS0548	,			
Date of Visit:		20/01/2020	3		Inspector(s)			]
Registration/Authori 1. Business/site detail 2. Changes made to d	s summary		ite representa	ative?			у	-
Site Details								
Total No facilities Species	- U	1 Hatchery	Facilities sto	cked	0	No facilitie	es inspected	all
Age group	allow							
No Fish								
Mean Fish Wt								
Next Fallow Date (Site	e)	currently fallo	ow	Next Input Da	ite (Site)	to be conf	irmed	
5 (1 (1 of 4 odgs) dis				N/A	1.	C last		
Recent (last 4 wks) dis	sease proble	ems?		IN/A	Any escape	s (since last	visit)?	
_								
Movement Records		in and and						V
<ol> <li>Movement records</li> <li>Date of last inspect</li> </ol>		inspection?					13/11/2019	1
3. Are records comple		ectly entered?	,				13/11/2013	Y
4. Are movement reco		•		,				Ÿ
5. Are records comple								У
6. Are health certificat		•		able?				N/A
Transport Records								
1. Are any movements	s carried out	by (or on be	half) of the bu	usiness (not usi	ing a STB)?			
If yes, is there a syste			•	•	_			
Mortality Records								
1. Mortality records av	ailable for in	spection?						N/A
2. How are mortalities	disposed of	?						
If other detail:								
3. Mortality records co	•	correctly enter	ered?					
4. Recent mortality (la	st 4 wks):							
5. Evidence of recent increased/atypical mortalities?								
If yes, facility nos/no mortality per facility/no stock per facility/reason:								
6. Any other peaks in	mortality dur	ring period ch	necked?					
If yes, detail:								
	7. Have increased (unexplained) mortalities been reported to vet or FHI?							
If yes, detail action: 8. Have 'mortality ever	nte' been rer	ported to EHI	2 If no ladd M	IDT case and s	enter on mort	ality events	choot	
o. Have mortality ever	iirə neeli iek	Julied to 1 111	: II IIO, auu iv	iiti case and e	since on more	anty events:	SHEEL.	/

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 inspects 3. Are records complete and correctly er 4. Are fish in a withdrawal period?  5. If yes, what treatment(s)?  If other, detail:  6. Are medicines stored appropriately?		
Biosecurity Records  1. Biosecurity records available for inspective and frequency of more	rtality removal, recording and safe disposal bee he APB will notify Scottish Ministers or veterina	
is detected been included and $\ensuremath{\mathit{how}}$ and	e event that the presence or suspicion of the pre when that will be notified to Scottish Ministers? animals being stocked on the farm site been co	
transmission of disease been covered (n	neasures implemented between each epidemio movement of staff, visitors, equipment, live or de the measures in place to maintain the physical n adequately implemented on site?	ead fish etc.)?
Results of Surveillance		
Has any animal health surveillance be	een carried out by, or on behalf of, the business	?

13/11/2019

2. If yes, are results available for inspection?

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

Records checked between:

3. Any significant results?

Case No:	2020-0012	Date of visit: 20/01/2020									
Site No:	SS0548	1		Inspector:		l					
Results Summary	Freq.			Da	te of Notificat	of Notification					
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp			
Report Summary											
Report Summary Case Type	Date	Inco	and I								
Dis	27/01/2020	Insp	2 <sup>nd</sup> Insp								
DIS	21/01/2020										





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

# FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0553
 Date of Visit
 20/01/2020

 Site No
 SS0548
 Site Name
 Lamb Holm

 Inspector
 Case No
 20200012

## Cleaning and disinfection inspection of a site subject to movement restrictions

The above site was inspected to confirm that fallowing, cleaning and disinfection had taken place. The site met the standard approved by Marine Scotland. The movement restrictions currently in force will be revoked.

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

Signed: Date: 27/01/2020
Fish Health Inspector

FHI 059, Version 12	Is	sued by: FHI	Date of	issue: 08/10/2018			
Case No: 2020-0013			Date of visit:	21/01/2020			
Time spent on site:	n	Mair	n Inspector:				
Site No: FS1198 Business No: FB0095	Site Name: Business Name:	South Cava Cooke Aquaculture S	Scotland Ltd				
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD 5	6				
Water Temp (°C): 8.2	Thermometer No:	T173	FHI 045 comple	eted			
Observations:	Region: OR	Water type: S	CoGP MA	O-3			
Dead/weak/abnormally behaving fish present?  Clinical signs of disease observed?  Gross pathology observed?  Diagnostic samples taken?  If yes, see additional information/clinical score sheet.  If yes, see additional information/clinical score sheet.  If yes, see additional information/clinical score sheet.  If yes, see additional information/clinical score sheet.							
UNI/REG only - if unable to carry out intended visit detail reason below:							

## **Additional Case Information:**

Some runts observed in several cages.

Most cages with seal pro netting, although no issues with seal interaction. No sea lice issues. All fish sampled for VMD had zero lice.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2020-0013		Site No:	FS1198				
Date of Visit:		21/01/2020			Inspector(s):			]
Registration/Autho	risation Deta	ails						
1. Business/site deta	ails summary	checked by s	site representa	ative?			У	1
2. Changes made to	details?						у	
Site Details								
Total No facilities		16	Facilities sto	cked	16	No facilities	s inspected	16
Species	SAL							
Age group	2018 s0							
No Fish	493,518							
Mean Fish Wt	4kg							
Next Fallow Date (S	ite)	June/July 20	020	Next Input Da	ite (Site)	October/No	ovember 202	0
D	dia a a a a u u a la l	2		N	1,	(-i lt ·	.:-:4\0	N
Recent (last 4 wks) (last 4 wks) (last 4 wks)	disease probi	ems?		IN	Any escapes	(since last \	/ISIT) ?	N
•								
Movement Records								
1. Movement record		r inspection?					04/05/0047	Y
2. Date of last inspe		41411	2				31/05/2017	•
<ol> <li>Are records comp</li> <li>Are movement re</li> </ol>		•		,				y
5. Are records comp								· · · · · · · · · · · · · · · · · · ·
6. Are health certific				able?				N/A
			02/ 414					
Transport Records		t by (or on bo	half) of the hi	usinoss (not us	ing a CTD\2			N
<ol> <li>Are any movement</li> <li>If yes, is there a system</li> </ol>				•	_			14
	terri iri piace i	or maintenar	ice of transpor	riation records				
Mortality Records  1. Mortality records	available for i	nspection?						V
2. How are mortalities		•			Biogas - Gas	k. Turriff		,
If other detail:						,		
3. Mortality records	complete and	correctly ent	ered?					Y
4. Recent mortality (	last 4 wks):		1326/site las	t four weeks (0	0.28%)			
5. Evidence of recent increased/atypical mortalities?								N
If yes, facility nos/no mortality per facility/no stock per facility/reason:								
	( 12)		1 10					• N
<ol><li>6. Any other peaks i If yes, detail:</li></ol>	n mortality du	ring period cl	necked?					N
7. Have increased (unexplained) mortalities been reported to vet or FHI?  N/A								
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FH	? If no, add M	IRT case and e	enter on morta	lity events s	heet.	N/A

if other, detail:								
2. Medicines records available for inspection?	Y							
3. Are records complete and correctly entered?	Y							
4. Are fish in a withdrawal period?	Y							
5. If yes, what treatment(s)? T.M.S.								
If other, detail:								
6. Are medicines stored appropriately?	Y							
Biosecurity Records								
Biosecurity records available for inspection?	Y							
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y							
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any								
increased (unexplained) mortality at the site been included?	Y							
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease								
is detected been included and how and when that will be notified to Scottish Ministers?								
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y							
health status, certification if required)?								
	V							
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y							
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	V							
7. Is documentation available regarding the measures in place to maintain the physical containment of	1							
aquaculture animals held on site?	V							
8. Have the biosecurity procedures been adequately implemented on site?  If no, detail:	У							
ii iio, detaii.								
Results of Surveillance								
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y							
2. If yes, are results available for inspection?	Y							
3. Any significant results?	N							
If yes, detail (if not detailed under recent disease problems).								
Records checked between: 31/5/2017 to 21/1/2020								

	11 009, Version 12							155	ueu by. Fi	Ш			
	Case no:	2020-00	)13	Site No:		FS1198			Date of vi Sampling		21/0	01/2020	
	Priority samples:	VI		ВА		PA		MG		HI		l	
	Time sampling starts/ends:	15:0	0:00	16:0	0:00		Inspecto	or:			VMD No	o.	21
	Environmental conditions:	1	Wet	2	Windy	3	Cloudy	4		5			
	Summary samples	HIST		ВА		MG		VI	P	Α		Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2	3	4								
	Pool Group												
	Species	SAL	SAL	SAL	SAL								
	Average weight	3.5kg	3.5kg	3.5kg	3.5kg								
	Sex	N/A	N/A	N/A	N/A								
	Water Type	SW	SW	SW	SW								
		be	be	be	be								
		운	웃	웃	웃								
Details		Chalmers Hope	Chalmers Hope	Chalmers Hope	Chalmers Hope								
etg		me	me	me	me								
		la	hali	hali	lalı								
Stock	Stock Origin												
St	Facility No	8	5	1	15								

	Additional Sample Information:											
0	l	Total To	ests ass	igned	0	l						

FHI 059, Version 12		Issued by: FHI			Date of	of issue	: 08/10/2018
Case Number:	2020-0013		Site No:	FS1198		Insp:	
Date of Visit	21/01/2020		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	Frequency of movements on from equivalent zone or compartment including third country			9	18	26	
	Number of sup	·	0			14	0
Movements off			I 0			10	
Movements off	Frequency of n Number of des		0			10	3
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				$\vdash$
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		-
		or in a coastal zone with category V n or within 1 tidal excursion	1	1	8		
	iaims upstream	TOT WILLIEF T HAZI EXCULSION	<u>'</u>	-	<u> </u>		-
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				
	Processing own	n fish (re-cycling risk)	1				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			
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	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shore base	0	1	2		2
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0	]			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	-			$\vdash \vdash \vdash$
out of practice				J			
Platform access to cages	Yes		0				0
	No		2				
					Total		15
					Rank		LOW

Case No:	2020-0013	Site No: FS1198							
Sea Lice Inspection (S	Seawater Sites Only)								
<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?	N						
Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?									
4. Is there a signed doc Management Area (or e		ement agreement or statement relevant to the site and CoGP Farm	Υ						
5. Are sea lice count red	cords available for ins	pection? (Legal SSI, CoGP Annex 6)	Υ						
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)									
7. Are sea lice ( <i>L. salmonis</i> ) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)									
_	•	monis) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or od that records are inspected?	N						
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?	N/A						
		where fewer populations or part populations are held without treatment for	Y						
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised N 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								
<ol> <li>Has the site experien</li> </ol>	ced equipment dama	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						
Seal pro nets	sinker tubes (5.5	tonr top nets mml							
If other, detail below:									
,			$\neg$						
3. Have escape incider	nts or events been exp	perienced on or in the vicinity of the site since the last FHI inspection?	N						
If Yes proceed with que	stions 4 – 9. If No skip	o to question 10							
4. Have these been rep	orted to Scottish Minis	sters?							
		orthwith (where they exist)? (CoGP - 4.4.37, 5.4.17)							
6. Have these been rep	orted to the SSPO an	d local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)							
7. Were methods (if any	/) used to recover esc	apees? If yes give detail							
8 If all note were deale	wed was this action a	greed with local wild fish interests and was permission given by Scottish							
Ministers? (Legal, CoG	P – 4.4.38, 5.4.18)								
	-	mise the risk of further escapes? (Not covered in code but could							
be considered under	•	·							
10. Is the site inspected	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: 2020-0013	Site No: FS1198	
Date of Visit: 21/01/20	20 Inspector:	
Point of Compliance		
1. Is the farm under inspection locate	d within a farm management area?	Y
If N, no further questions require com	pletion.	
Points of Compliance for Both Farm	m Management Agreements and Statements	
<ul><li>3. Is the current FMAg/S available for</li><li>4. Does the FMAg/S identify the relev</li><li>5. Does the FMAg/S identify the fish f</li></ul>	vant farm management area? farm site(s) to which it applies? of commencement of the agreement or statemer	у У У
Arrangements for Fish Health Mana	agement	
farm?	mum health standards for the stocks to be introdu	
10. Does the FMAg/S identify the spe	eination requirements for stocks held in the area or ecies of fish which may be stocked into the area or ximum stocking density of any pen on any farm in	r 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 l 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 ava of statement?	ailability and the use of medicines on farms covere	
15. Does the FMAg/S identify any req lice on farms in the area or individual	quirements for the sensitivity testing of available to farms?	reatments for sea
16. Does the FMAg/S identify the circused on farms in the area or individual	cumstances under which biological controls and cl 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?	cumstances when live fish may be introduced or reasonable angements 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	le harvest practices on farms in the area or individu	ual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be restoo	by which the area or individual farm will be fallow a	and the earliest
22. Does the FMAg/S identify whether o agreement or statement?	one or more year classes may be stocked onto site	es covered by the
-	proodstock or potential broodstock are to be kept on the septors?	n any site Y
Point of Compliance for Farm Manage	ement Agreements Only	
24. Does the farm management agreem parties to the agreement?	nent include arrangements for persons to become,	, or cease to be,
Management and operation		
25. Is the fish farm being managed and	operated in accordance with the agreement or sta	itement?
26. What is the version no/date of issue	e of the FMAg/S? 28/01/2019	

Site No: FS1198
Case No: 2020-0013
Nature of non-compliance:

Action taken (FHI):

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

Case No:	2020-0013			Date of visit:	21/01/2020			
Site No:	FS1198	l		Inspector:		l		
Results Summary	Freq.			Dat	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
D 10								
Report Summary Case Type								
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
ECI,CINI,SLI,VIVID	27/01/2020							
Case completion report	10/02/2020							





Cooke Aquaculture Scotland Ltd Crowness Road Hatston Kirkwall, Orkney KW15 1RG

# FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0095
 Date of Visit
 21/01/2020

 Site No
 FS1198
 Site Name
 South Cava

 Inspector
 Case No
 20200013

### Case completion report

Recommendations in relation to the above case were made for implementation by 28/2/2020. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

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

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

Signed: Date: 10/02/2020
Fish Health Inspector





Cooke Aquaculture Scotland Ltd Crowness Road Hatston Kirkwall, Orkney KW15 1RG

# FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0095
 Date of Visit
 21/01/2020

 Site No
 FS1198
 Site Name
 South Cava

 Inspector
 Case No
 20200013

## 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.

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 were available for inspection.

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice), section 4A regarding fish farm management agreements and statements and section 5 regarding containment and escapes.

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

On this occasion a recommendation was issued in relation to sea lice records:

 There was no site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation.

Please ensure that this point has been addressed by 28<sup>th</sup> February 2020. Records or documentation demonstrating that this point has been addressed should be sent to the Fish Health Inspectorate (contact details below). The site may be subject to further inspection or enforcement action should the appropriate action regarding the above points not be taken within the time period stipulated.

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

Signed: Date: 27/01/2020
Fish Health Inspector

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2020-0021			Date of visit: 30/01/2020
Time spent on site:	hours	Main Insp	pector:
Site No: FS0698 Business No: FB0169	Site Name: Business Name:	Quarry Point The Scottish Salmon Com	pany
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 10.3	Thermometer No:	Site	FHI 045 completed N/A
Observations:	Region: ST	Water type: S	CoGP MA M-42
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:	

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

Bad weather on-site, very poor visibility.

No mortality events reported this cycle. Last cycle two events - WB 22/04/2019 and WB 29/04/2019. 33.31% (52,887) and 32.26% (25,172) resp. There were reported to the FHI and the site was fallowed shortly after.

19s0 Landcatch 19s1 Fanad

Some seal activity between December and January, 820 Dec, 2200 mortalities, some of which were attributed to seal predation.

High lumpfish mortality in pen 3. 25% over 30 days these will be replaced by Otterferry. Health checks are being carried out, although no results as of yet. Only gross pathology observed is a pale liver.

Slice treatment - Dec 19 - Prophylactic

Farm has stocked 2019 S1 fish from Sgian Dubh, as well as 2019 S0 fish.

Site is not farmed on a single yearclass basis. A risk assessment is in place and the farm management statement has been upo

Thermometer left on previous inspection, site thermometer used instead.

Accompanied by and UKAS auditors

FHI 059, Version 12			Issu	ied by: FHI			Date of issu	ie: 08/10/2018
Case No:	2020-0021		Site No:	FS0698	3			
Date of Visit:		30/01/202	20		Inspector(s):			]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		site represent	ative?			Y Y	}
Site Details								
Total No facilities		10	Facilities sto	ocked	7	No facilitie	es inspected	10
Species	SAL	SAL	Lumpfish					
Age group	19s0	19s1	2019					
No Fish	361,035	95,378	7,680					
Mean Fish Wt	360 g	2.5 Kg	36 g					
Next Fallow Date (S	ite)	June/July 2	2021	Next Input Da	ate (Site)	Sept 21	•	
Recent (last 4 wks) of the second (last 4 wks) o	disease prob	lems?		N	Any escapes	(since last	visit)?	N
•								
1. Movement record 2. Date of last inspeca. Are records compa. Are movement records. Are records compa. Are records compa. Are health certifications.	s available fo ction: lete and corr cords availab lete and corr	ectly entered le for dead f ectly entered	d? ish and waste? d?				28/02/2017	Y Y Y Y N/A
Transport Records 1. Are any movement If yes, is there a systematical systems.	nts carried ou			•				Y
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalities of other detail:	es disposed o	of?			Whole fish -	Dundas Ch	emicals	
3. Mortality records	complete and	correctly er	ntered?					Y
	·	concour of	WK1 344 (0	.07%) WK2 56	62 (0.12%) WK	(3 389 (0.08	3%) WK4 782	(0.17%)
4. Recent mortality (	•		across the v	vnoie site				N
<ol><li>Evidence of recer</li><li>If yes, facility nos/no</li></ol>		• •		dreason:				N
ii yes, racility nos/no	mortality per	racility/110 S	lock per racility	nicasuii.				
6. Any other peaks i	n mortality dı	ring period o	checked?					Y
If yes, detail:				event, reporte	ed to FHI.			
7. Have increased (u								Y
If yes, detail action:	,		nal comments					
8. Have 'mortality ev	ents' been re			IRT case and	enter on morta	lity events	sheet.	Y

FHI 059, Version 12	Issued by	<i>/</i> : FHI	Date of issue: 08/10/2018
1 Decent treatments (	eet 4 video)?		V
Recent treatments (If you detail:			
If yes, detail:	T.M.S.		
	vailable for inspection?		Y
	e and correctly entered?		Y
4. Are fish in a withdray	•		Y
5. If yes, what treatmen		.S.	
If other, detail:			
6. Are medicines store	appropriately?		Y
Biosecurity Records			
-	available for inspection?		Y
2. Has the manner and	frequency of mortality removal, recording	and safe disposal been considered	d?
3. Has the manner and	period in which the APB will notify Scottish	n Ministers or veterinary profession	nal of any
increased (unexplaine	d) mortality at the site been included?		Y
4. Has the action that v	vill be taken in the event that the presence	or suspicion of the presence of a l	isted disease Y
	led and how and when that will be notified		
5. Has the health statu	s of aquaculture animals being stocked on	the farm site been covered (equal	or higher Y

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

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

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

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

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

aquaculture animals held on site?

**Results of Surveillance** 

If no, detail:

	11 059, Version 12							155	sueu by. Fr	"			
	Case no:	2020-00	021	Site No:		FS0698			Date of vis Sampling:		30/0	01/2020	30/0
	Priority samples:	VI		ВА		PA		MG		HI		l	
	Time sampling starts/ends:		0:00		0:00		Inspecto	or:			VMD No	o.	10
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI	PA	4		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2	3	4	5	6	7					
	Pool Group												
	Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL					
	Average weight	360g	360g	360g	360g	360g	360g	360g					
	Sex	N/A	N/A	N/A		N/A		N/A					
	Water Type	SW	SW	SW	SW	SW	SW	SW					
		(5	5)	()	5)	()	5)	(5					
		Ormsary (FS0575)	Ormsary (FS0575)	(FS0575)	Ormsary (FS0575)	Ormsary (FS0575)	Ormsary (FS0575)	Ormsary (FS0575)					l
		08.	08.	.80	.80	.80	.80	08.					l
S		F) ,	, F)	, (F	, (F	, (F	, F)	F) ,					
Details		ary	ary	ary	ary	ary	ary	ary					
Ŏ		ms	ms	Ormsary	ms	ms	ms	ms					
S	Stock Origin	)		)			)						
St	Facility No	9	9	9	9	10	10	10					

O Total Tests assigned 0
0 Total Tests assigned 0

FHI 059, Version 12		Issued by: FHI			Date of	of issue	: 08/10/2018
Case Number:	2020-0021		Site No	: FS0698		Insp:	
Date of Visit	30/01/2020		No of n	novements/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 of		0 9	18	26	
	Number of sup	ncluding third country pliers		0 5		14	Н
Movements off	Frequency of n	novements off	+	0 3	6	10	10
Wovernerits on	Number of des			0 3		10	3
Exposure via water	<u> </u>	Site contac	ts	0 1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	,		0			
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion		1 2	4		2
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion		1 3	6		ш
		or in a coastal zone with category V n or within 1 tidal excursion		1 4	8		ш
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent wate		0 1	2		1
On farm processing within the rules of the directive	No on farm pro			0			0
	Processing ow	n fish (re-cycling risk)		1			
		from MS of equivalent status		2			
	equivalent stat			4			
		n from Category III farm		8			
	Processing fish	n from Category ∨ farm	1	0			ш
Disposal of fish and fish by-	Site's own was	te only processed.		0			
products	Common proce	esses with other farms		3			3
	Collection poin	t for waste from other farms		5			
Use of unpasteurised feeds	No feeding of u	inpasteurised feed		_			0
	Feeding unpas	teurised feed		5			
Biosecurity		Number of sit	es	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			
between sites, use of footbaths etc	No		+	1			
CoGP/Regulator			_				
Practices in accordance	Yes			o			0
with regulator or industry code of practice	No			3			
Platform access to cages	Yes			0			0
	No			2			
					<b>Total</b> Rank		22 MEDIUM

Case No:	2020-0021	]	Site No:	FS0698				
Sea Lice Inspection (	• •	s in the previous 4 years	s?		N			
•	•	•	chronously on a single y	/ear class basis?	Y			
3. Does the site have a	access to a range of lica	cenced in-feed and bath well as access to suitab	sea lice medications (in ble biological and/or med	cluding deltamethrin,	res, and			
4. Is there a signed doo Management Area (or		gement agreement or sta	atement relevant to the s	site and CoGP Farm	Υ			
5. Are sea lice count re	ecords available for ins	spection? (Legal SSI, Co	oGP Annex 6)		Υ			
6. Do records adequate	ely reflect the required	I standard specified in th	e SSI and the CoGP? (I	egal SSI, CoGP Anne	x 6) Y			
7. Are sea lice (L. salm records are inspected?		elow the suggested criter	ria for treatment in the C	oGP during the period	that Y			
_	•	<i>lmonis</i> ) numbers per fisition in the first per fisition in the first per f	h been at a level of 3 or ected?	above (prior to w/b 10/	6/19) or N			
If yes, have these beer	reported to the Fish	Health Inspectorate? If r	no, FHI see comment.		N/A			
9. Is C. elongatus infes	station at a level which	n is considered to cause	significant welfare probl	ems? (CoGP 4.3.81, 5	.3.50) N			
			taken when <i>L. salmonis</i> to have welfare implicat					
11. Has any other actio	on been taken (where	applicable)?			Υ			
12. Have therapeutic tr	eatments or the action	ns taken had a significar	nt impact upon the lice le	evels recorded?	Y			
13. Are treatments, who	ere conducted, carried	d out in cooperation bety	veen participating farms	?	Y			
13. Are treatments, where conducted, carried out in cooperation between participating farms?  14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?								
15. Is there a site spec scenarios during the es			aypoints describing set	actions to deal with rec	ognised Y			
16. Do the sea lice leve	els observed on stock	s reflect sea lice count d	ata? If no please detail i	reasons.	Y			
Containment Inspecti	on							
Has the site experier	nced equipment dama	age due to predators in t	he current or previous p	roduction cycles?	N			
2. Are measures in pla	ce to mitigate against	the predation experienc	ed on site? (Detail belov	v)	Υ			
ADD	Top nets	MML	Seal Blinds					
If other, detail below:	·							
2. Hava aasana insida	mta ay ayanta baan ay		ininity of the site since th	a last El II inspection?	N			
·		•	cinity of the site since th	le last FHI Inspection?				
If Yes proceed with que 4. Have these been rep								
5. Have these been rep	oorted to local DSFB f	orthwith (where they exis	st)? (CoGP - 4.4.37, 5.4	4.17)				
6. Have these been rep	ported to the SSPO ar	nd local fisheries trusts fo	orthwith (where they exis	st)? (CoGP – 4.4.37, 5.	4.17)			
7. Were methods (if an	y) used to recover es	capees? If yes give deta	il					
8 If all nets were dent	oved was this action a	greed with local wild fish	n interests and was pern	nission given by Scottis	sh			
Ministers? (Legal, CoG		.g. 300 mili local wild list						
9. What action was tak	en to prevent and min	imise the risk of further	escapes? (Not covered	in code but could				
be considered under								
	•	•	If no, please detail reas	on(s)	Υ			

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2020-0021	Site No: FS0698	
Date of Visit: 30/01/2020	Inspector:	
Point of Compliance		
1. Is the farm under inspection located of N, no further questions require complete.	•	Y
Points of Compliance for Both Farm	Management Agreements and Statements	
<ul><li>3. Is the current FMAg/S available for in</li><li>4. Does the FMAg/S identify the relevan</li><li>5. Does the FMAg/S identify the fish fan</li></ul>	nt farm management area? m site(s) to which it applies? commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health Manag	ement	
farm?  9. Does the FMAg/S identify the vaccina 10. Does the FMAg/S identify the specie 11. Does the FMAg/S identify the maxin individual farm?  12. Does the FMAg/S identify the arrang fish farm in the area or the individual fa  Arrangements for The Management of	of Sea Lice	or farm? or farm? Y or farm? in the area or the  ead fish from any
	nents for the sharing of data on sea lice number	
of statement?	ibility and the use of medicines on farms cover rements for the sensitivity testing of available to	
used on farms in the area or individual f	nstances under which biological controls and o	cleaner fish are to be
Live Fish Movements		
area or farm?	nstances when live fish may be introduced or o	

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Harvesting		
20. Does the FMAg/S identify acceptable	le harvest practices on farms in the area or individ	lual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be restoo	by which the area or individual farm will be fallow cked?	and the earliest
22. Does the FMAg/S identify whether of agreement or statement?	one or more year classes may be stocked onto site	es covered by the Y
_	proodstock or potential broodstock are to be kept of ?	on any site
Point of Compliance for Farm Manag	ement Agreements Only	
24. Does the farm management agreem parties to the agreement?	ment include arrangements for persons to become	e, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and	operated in accordance with the agreement or sta	atement?
26. What is the version no/date of issue	e of the FMAg/S? 26/02/2018	

Site No: FS0698

Case No: 2020-0021

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

Case No:	2020-0021	Date of visit: 30/01/2020							
Site No:	FS0698	ı		Inspector:		l			
Results Summary	Freq.			Da	te of Notifica	tion			
		Database	Insp		Insp	Writing	Insp	2 <sup>nd</sup> Insp	
		-							
Report Summary				1					
Case Type	Date	Insp	2 <sup>nd</sup> Insp						
ECI, CNI, SLI, VMD	10/02/2020		2 11100						
	1								





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
 30/01/2020

 Site No
 FS0698
 Site Name
 Quarry Point

 Inspector
 Case No
 20200021

## 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.

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: 10/02/2020

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018					
Case No: 2020-0022			Date of visit: 29/01/2020					
Time spent on site:	hours	Main Ins	pector:					
Site No: FS0432 Business No: FB0134	Site Name: Business Name:	Loch Tay Kames Fish Farming Ltd						
Case Types: 1 ECI 2	2 CNI 3 VMD	4 5	6					
Water Temp (°C): 5.5	Thermometer No:	T275	FHI 045 completed N/A					
Observations:	Region: TA	Water type: F	CoGP MA					
Dead/weak/abnormally behaving fish present?  Clinical signs of disease observed?  Gross pathology observed?  Diagnostic samples taken?  N If yes, see additional information/clinical score sheet.  N If yes, see additional information/clinical score sheet.  N If yes, see additional information/clinical score sheet.								
UNI/REG only - if unable to carry out intended visit detail reason below:								

## **Additional Case Information:**

No mortality events reported

Some issues with side swimming fish on some fish, unknown cause, although it does not affect mortality.

Send new movement book

Dead fish waste sent to Energen Biowaste, transported by Billie Bowie/Ferguson

Predator nets for cormorants.

VMD fish appeared healthy when sampled.

Accompanied by and internal SG auditors.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2020-0022		Site No:	FS0432				
Date of Visit:		29/01/202	0		Inspector(s):			]
Registration/Autho	risation Deta	ils						
<ol> <li>Business/site deta</li> <li>Changes made to</li> </ol>	•	checked by	site representa	ative?			Y N	
	dotallo.							4
Site Details Total No facilities		14	Facilities sto	ncked	12	No facilitie	s inspected	14
Species	RTR	RTR	i aciiiles sio	T	12	NO Tacilitie	s irispecieu	1-7
Age group	2018	2019						
No Fish	81,466	87,082						
Mean Fish Wt	1.45 Kg	150g	+			_		
Next Fallow Date (S		No plans		Next Input Da	ite (Site)	November	r 2021	
					1.			
Recent (last 4 wks) of If yes, detail:	disease probl	ems?		N	Any escapes	s (since last	visit)?	N
Movement Records								
Movement records     Data of local income.		rinspection	?				01/03/2017	Y
<ol><li>Date of last inspects</li><li>Are records comp</li></ol>		actly entered	12				01/03/2017	
4. Are movement red				,				Ÿ
5. Are records comp								Ÿ
6. Are health certification		•		able?				N/A
Transport Records		`	,					
Are any movement		t by (or on b	ehalf) of the bu	ısiness (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 mortalitie		•			Ensiled - on	site		
If other detail:								
3. Mortality records of	•	correctly en				10.01		Y
4. Recent mortality (	The second secon			WK1 - 103 WK	2 115 WK3 1	12 fish acro	ss the site	
5. Evidence of recen		• •		,				N
If yes, facility nos/no	mortality per	facility/no st	ock per facility	/reason:				
6 Any other peaks in	n mortality du	ring pariod a	hookod?					<b>•</b> •
6. Any other peaks in mortality during period checked?  If yes, detail:  Very slight increase during summer								
7. Have increased (unexplained) mortalities been reported to vet or FHI?								
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FF	II? If no, add M	IRT case and e	enter on morta	ality events	sheet.	Y

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
1. Recent treatments (last 4 wks)?  If yes, detail:  If other, detail:  2. Medicines records available for inspections.  3. Are records complete and correctly entered. 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 mortal 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 exist detected been included and how and what is detected been included and how and what is the health status of aquaculture anii	lity removal, recording and safe disposal bee APB will notify Scottish Ministers or veterina	esence of a listed disease Y
health status, certification if required)?		
transmission of disease been covered (mo	asures implemented between each epidemic vement of staff, visitors, equipment, live or d e measures in place to maintain the physical	lead fish etc.)?
8. Have the biosecurity procedures been ad fine, detail:	dequately implemented on site?	Y
Results of Surveillance		

01/03/2019 - 29/01/2019

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

2. If yes, are results available for inspection?

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

Records checked between:

3. Any significant results?

٠,	111 000, Version 12							133	sucu by. i				
	Case no:	2020-00	)22	Site No:		FS0432			Date of v		29/0	01/2020	29/0
	Priority samples:	VI		ВА		PA		MG	Sampling	g. HI			
	Time sampling starts/ends:	15:0	0:00	15:3	0:00		Inspecto	or:			VMD No	).	1
	Environmental conditions:	1	Indoors	2		3		4		5			
ı	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
Δ	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1											
	Pool Group												
	Species	RTR											
	Average weight	150 g											
	Sex	N/A											
	Water Type	FW											
Stock Details		CO Torhouse mill											
V.	l acility NO	C0											

O Total Tests assigned O															
	01/2020	01/2020 Additional Sample Information:													
Total Tests assigned 0															
	0 Total Tests assigned 0														

FHI 059, Version 12		Issued by: FHI			Date o	of issue	: 08/10/2018
Case Number:	2020-0022		Site No:	FS0432		Insp:	
Date of Visit	29/01/2020		No of m	ovements/s	supp./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	$\overline{}$
5,000	Number of sup	ncluding third country pliers	0		10	14	-
Movements off	Frequency of m	•	1 0		6	10	2
iviovements 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 upstream	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		
	farms upstream	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		ш
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		ш
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		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	n from MS of equivalent status	2				
	Processing fish equivalent state	n from zone or compartment of us	4				
	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	1			0
products	Common proce	esses with other farms	3				ш
	Collection poin	t for waste from other farms	5				ш
Use of unpasteurised feeds	No feeding of u	unpasteurised feed	0	1			0
·	Feeding unpas	•	5				ш
Biosecurity		Number of sites	3 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				ш
CoGP/Regulator							
Practices in accordance	Yes		0				
with regulator or industry code of practice	No		3				3
Platform access to cages	Yes		T 0	]			0
	No		2	<u> </u>			Ш
					Total		9
					Rank		LOW

Case No:	2020-0022	:	Site No:	FS0432					
•	(Seawater Sites Only) enced sea lice problems in the pi	revious 4 years?							
2. Is the CoGP Farm	Management Area (or equivalent	) fallowed synchronously on	a single ye	ear class basis?					
azamethiphos and en can these be deploye	access to a range of licenced in- namectin benzoate) as well as a d in a reasonable period of time? ocumented farm management ag	ccess to suitable biological a	nd/or mech	hanical control measure	es, and				
Management Area (or									
5. Are sea lice count i	records available for inspection?	(Legal SSI, CoGP Annex 6)							
6. Do records adequa	tely reflect the required standard	specified in the SSI and the	CoGP? (L	egal SSI, CoGP Annex	6)				
7. Are sea lice ( <i>L. salmonis</i> ) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)									
	t female sea lice ( <i>L. salmonis</i> ) no 10/6/19) during the period that re	•	el of 3 or a	above (prior to w/b 10/6	/19) or				
If yes, have these bee	en reported to the Fish Health Ins	pectorate? If no, FHI see co	mment.						
9. Is C. elongatus infe	estation at a level which is consid	lered to cause significant we	lfare proble	ems? (CoGP 4.3.81, 5.3	3.50)				
	treatments been administered or treatment or where <i>C. elongatus</i>								
11. Has any other act	ion been taken (where applicable	e)?							
12. Have therapeutic	treatments or the actions taken h	ad a significant impact upon	the lice lev	vels recorded?					
13. Are treatments, w	here conducted, carried out in co	operation between participat	ting farms?	•					
14. Is there a harvesti sea lice?	ing strategy for the site, where fe	wer populations or part popu	lations are	held without treatment	for				
	cific written lice management pro escalation of a sea lice infestation		ribing set a	ections to deal with reco	gnised				
16. Do the sea lice lev	vels observed on stocks reflect s	ea lice count data? If no plea	se detail re	easons.					
Containment Inspec	tion								
1. Has the site experie	enced equipment damage due to	predators in the current or p	revious pro	oduction cycles?	N				
2. Are measures in pl	ace to mitigate against the preda	tion experienced on site? (De	etail below	)	Υ				
Top nets	Predator nets								
If other, detail below	V:								
0 11	lanta an arranta la arranta arranta		1	- I FIII ! # 0	N				
	ents or events been experienced	•	te since the	e last FHI Inspection?	IV.				
	uestions 4 – 9. If No skip to ques eported to Scottish Ministers?	tion 10							
5. Have these been re	eported to local DSFB forthwith (	where they exist)? (CoGP -	4.4.37, 5.4	.17)					
6. Have these been re	eported to the SSPO and local fis	heries trusts forthwith (where	e they exist	t)? (CoGP – 4.4.37, 5.4	.17)				
7. Were methods (if a	ny) used to recover escapees? I	f yes give detail							
8 If all nets were den	ployed was this action agreed wit	h local wild fish interests and	was nerm	ission given by Scottish					
Ministers? (Legal, Co		III IIII IIII IIII IIII	Jus poini						
9. What action was ta	ken to prevent and minimise the	risk of further escapes? (Not	t covered in	n code but could					
be considered unde	er satisfactory measures of the	e Act)							
10. Is the site inspect	ed as satisfactory with regards to	containment? If no, please	detail reaso	on(s)	Υ				

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Site No: FS0432

Case No: 2020-0022

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

Case No:	2020-0022	Date of visit: 29/01/2020							
Site No:	FS0432	]	Inspector: DCB						
Results Summary	Freq.	Date of Notification							
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Report Summary Case Type				7					
Case Type	Date	Insp	2 <sup>nd</sup> Insp	7					
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Kames Fish Farming Ltd Kilmelford Oban Argyll PA34 4XA

# FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0134
SITE NO FS0432
INSPECTOR

DATE OF VISIT 29/01/2019
SITE NAME Loch Tay
CASE NO 20200022

## 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.

R04

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007 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: 05/02/2020