FHI 059, Version 12	Iss	sued by: FHI	Date of issue: 08/10/2018			
Case No: 2019-0126			Date of visit: 18/03/2019			
Time spent on site:	3.5 hours	Main Ins	spector:			
Site No: FS0265 Business No: FB0061	Site Name: Business Name:	Inverkerry Smolt Unit Landcatch Natural Selec	tion Ltd			
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6			
Water Temp (°C): 5.5	Thermometer No:	Site	FHI 045 completed			
Observations:	Region: HI	Water type: F	CoGP MA:			
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N N						
UNI/REG only - if unable to carry out intended visit detail reason below:						

Site operator is interested in using saltwater to treat fungal infection, however has been told that this would not be allowed for under their licence conditions.

3m tanks will be removed next year in preparation for seeking accreditation for organic fish farming, and as part of that the tanks will be upgraded to 9m.

VMD fish looked healthy when sampled

Fish Waste ensiled and sent to Earnside Energy, Burn Farm, Glenfarg.

FHI 059, Version 12	•		Issı	ued by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0126		Site No:	FS026	65			
Date of Visit:		18/03/2019	9		Inspector(s)):]
Registration/Author								
 Business/site det Changes made to 	•	checked by s	site represent	ative?			Y N]
Site Details								
Total No facilities		117	Facilities sto	ocked	92	No facilitie	es inspected	92
Species	SAL							
Age group	18 S1							
No Fish	803,550							
Mean Fish Wt	70g							
Next Fallow Date (S	lite)	May 2019		Next Input [Date (Site)	June 2019)	
Pocent (last 4 wks)	disease prob	lome?			V Any ascans	se (einea last	vicit)?	N
If yes, detail:								
•		JOGGO WIGHT CA.	igus					
Movement Record								
1. Movement record		r inspection?					20// 1/00/17	Y
2. Date of last inspe							02/11/2017	•
 Are records comp Are movement re 				2				Y
 Are movement re Are records comp 								Y
6. Are health certific		•		lable?				N/A
Transport Records		Addition (Call	vitir OD, arall	ub.c.				
1. Are any moveme		it by (or on be	ehalf) of the b	usiness (not u	using a STB)?			N
If yes, is there a sys		• `		,	•			N/A
Mortality Records								
1. Mortality records	available for i	nspection?						Y
2. How are mortalities					Ensiled - on	site		
If other detail:								
3. Mortality records	complete and	correctly ent	tered?					Y
4. Recent mortality	(last 4 wks):		~200 per we	eek across the	e site			
5. Evidence of recer	nt increased/a	atypical morta	alities?					N
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	y/reason:				
								. N
6. Any other peaks i	n mortality du	ring period c	hecked?					N
If yes, detail: 7. Have increased (unevalained)	mortalities ha	oon reported t	to yet or FHI2				N/A
If yes, detail action:	•	IIIOrtalities be	en reported t	O VELOITII:				1477
8. Have 'mortality ev		ported to FH	I? If no, add N	MRT case and	d enter on mor	tality events	sheet.	N/A

THE COUNTY OF THE COUNTY	The (last 1 mile)					
If yes, detail:	Formalin, T.M.S.					
If other, detail:						
	ords available for inspection?	Y				
	mplete and correctly entered?	Y				
4. Are fish in a wi	•	Y				
5. If yes, what tre	atment(s)? T.M.S.					
If other, detail:						
6. Are medicines	stored appropriately?	Y				
Biosecurity Rec	ords					
	ords available for inspection?	Y				
•	er and frequency of mortality removal, recording and safe disposal been considered?	Y				
3. Has the manne	er and period in which the APB will notify Scottish Ministers or veterinary professional of any					
increased (unexplained) mortality at the site been included?						
4. Has the action	that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y				
is detected been	included and 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, cer	tification if required)?					
	andry and biosecurity measures implemented between each epidemiological unit to minimise	Y				
	isease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?					
	on available regarding the measures in place to maintain the physical containment of	Y				
aquaculture anim	·					
	ecurity procedures been adequately implemented on site?	Y				
If no, detail:						
Results of Surve	eillance					
1. Has any anima	al health surveillance been carried out by, or on behalf of, the business?	Y				
•	ilts available for inspection?	Y				
3. Any significant	results?	N				

Records checked between: 02/11/2017 - 18/03/2019

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

HI U59, Version 12							ISS	suea by: I	ГПІ			
Case no:	2019-01	126	Site No:		FS0265					18/0	03/2019	18/(
Priority samples:	VI		ВА		PA		MG	-	g. HI			
Time sampling starts/ends:				0:00		Inspecto	or:			VMD No	o. [19
Environmental conditions:	1	Indoors	2		3		4		5			
Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
	,								·			
dd Fish/Pools - click												
Pool/Fish No												
	F1-10	F11-20	F21-30	F31-38								
Species	SAL	SAL	SAL	SAL								
Average weight	70g	70g	70g	70g								
Sex	N/A	N/A	N/A	N/A								
Water Type	FW	FW	FW	FW								
	2,2	9,	77	82								
	057	057	057	057								
	FS	FS	FS	FS								
	7	آِک	الح	ıry								
	usa	usa	nsa	usa								
Stock Origin	Orr	Orr	Orr	Orr								
Facility No	E1	E4)									
	Case no: Priority samples: Time sampling starts/ends: Environmental conditions: Summary samples dd Fish/Pools - click Pool/Fish No Fish nos Pool Group Species Average weight Sex Water Type Stock Origin	Case no: Priority samples: VI Time sampling starts/ends: Environmental conditions: 1 Summary samples HIST dd Fish/Pools - click Pool/Fish No Fish nos F1-10 Pool Group Species SAL Average weight 70g Sex N/A Water Type FW Stock Origin	Case no: Priority samples: VI Time sampling 16:00:00 starts/ends: Environmental conditions: Summary samples HIST dd Fish/Pools - click Pool/Fish No Fish nos F1-10 F11-20 Pool Group Species SAL Average weight 70g Sex N/A Water Type Stock Origin Stock Origin	Case no: Priority samples: VI BA Time sampling 16:00:00 17:0 starts/ends: Environmental conditions: Indoors 2 Summary samples HIST BA Add Fish/Pools - click Pool/Fish No Fish nos F1-10 F11-20 F21-30 Pool Group Species SAL SAL SAL Average weight 70g 70g 70g Sex N/A N/A N/A Water Type FW FW Stock Origin Site No: BA 11-10 F11-20 F21-30 POOL F11	Case no: 2019-0126 Site No: Priority samples: VI BA Time sampling starts/ends: 16:00:00 17:00:00 Environmental conditions: 1 Indoors 2 Summary samples HIST BA dd Fish/Pools - click Pool/Fish No F1-10 F11-20 F21-30 F31-38 Pool Group Species SAL SAL <td< td=""><td>Case no: 2019-0126 Site No: FS0265 Priority samples: VI BA PA Time sampling starts/ends: 16:00:00 17:00:00 3 Environmental conditions: 1 Indoors 2 3 Summary samples HIST BA MG dd Fish/Pools - click BA MG MG Pool/Fish No F1-10 F11-20 F21-30 F31-38 P00 G10 G10 G10 G10 G10 G10 G10 G10 G10 G</td><td>Case no: 2019-0126 Site No: FS0265 Priority samples: VI BA PA Time sampling starts/ends: 16:00:00 17:00:00 Inspectors Environmental conditions: 1 Indoors 2 3 Summary samples HIST BA MG Pool/Fish No BA MG Fish nos F1-10 F11-20 F21-30 F31-38 Pool Group Pool Group SAL SAL SAL SAL Average weight 70g 70g 70g 70g 70g Sex N/A N/A N/A N/A N/A Water Type FW FW FW FW Stock Origin Stock Origin Stock Origin O O O O</td><td>Case no: 2019-0126 Site No: FS0265 Priority samples: VI BA PA MG Time sampling starts/ends: 16:00:00 17:00:00 Inspector: starts/ends: Indoors 2 3 4 Summary samples HIST BA MG VI dd Fish/Pools - click BA MG VI Pool/Fish No F1-10 F11-20 F21-30 F31-38 P700 Pool Group Species SAL SAL</td><td>Case no:</td><td>Case no: 2019-0126</td><td> Case no: 2019-0126 Site No: FS0265 Date of visit/ Sampling: No: Sampli</td><td> Case no: 2019-0126 Site No: FS0265 Date of visit/ Sampling: Sampling: Sampling: Sampling: Sampling: HI</td></td<>	Case no: 2019-0126 Site No: FS0265 Priority samples: VI BA PA Time sampling starts/ends: 16:00:00 17:00:00 3 Environmental conditions: 1 Indoors 2 3 Summary samples HIST BA MG dd Fish/Pools - click BA MG MG Pool/Fish No F1-10 F11-20 F21-30 F31-38 P00 G10 G10 G10 G10 G10 G10 G10 G10 G10 G	Case no: 2019-0126 Site No: FS0265 Priority samples: VI BA PA Time sampling starts/ends: 16:00:00 17:00:00 Inspectors Environmental conditions: 1 Indoors 2 3 Summary samples HIST BA MG Pool/Fish No BA MG Fish nos F1-10 F11-20 F21-30 F31-38 Pool Group Pool Group SAL SAL SAL SAL Average weight 70g 70g 70g 70g 70g Sex N/A N/A N/A N/A N/A Water Type FW FW FW FW Stock Origin Stock Origin Stock Origin O O O O	Case no: 2019-0126 Site No: FS0265 Priority samples: VI BA PA MG Time sampling starts/ends: 16:00:00 17:00:00 Inspector: starts/ends: Indoors 2 3 4 Summary samples HIST BA MG VI dd Fish/Pools - click BA MG VI Pool/Fish No F1-10 F11-20 F21-30 F31-38 P700 Pool Group Species SAL SAL	Case no:	Case no: 2019-0126	Case no: 2019-0126 Site No: FS0265 Date of visit/ Sampling: No: Sampli	Case no: 2019-0126 Site No: FS0265 Date of visit/ Sampling: Sampling: Sampling: Sampling: Sampling: HI

03/2019 Additional Sample Information:													
0	1	Total To	ests ass	igned	0								
							_						

FHI 059, Version 12		Issued by: FHI			Date	of issue	: 08/10/2018
Case Number:	2019-0126		Site No:	FS0265		Insp:	
Date of Visit	18/03/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	10	26	
openie o	Number of sup	ncluding third country	0		18 10	26 14	_
Marray and a set							10
Movements off	Frequency of n Number of des		0			10	10
Exposure via water	Transcr or doc	Site contacts			6-10		Ľ
Water contacts with other	Farm is protect	ted (secure water supply through					
farms (holding species	disinfection or l	•	0				_
susceptible to same diseases)		or in a coastal zone with category In 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 nor within 1 tidal excursion	1	1	Ω		
	lainis upstream	ii oi witiiii i tidal excursion	<u>'</u>	4	0		
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				0
the rules of the directive	Processing ow	n fish (re-cycling risk)	1				
	Processing fish	n from MS of equivalent status	2				
	Processing fish equivalent state	4					
	Processing fish	8	1				
	Processing fish	n from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0]			
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	unpasteurised feed	0	1			0
oo o anpaoleaniosa locae	Feeding unpas	•	5				<u> </u>
Biosecurity		Number of sites	1] 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0	<u> </u>			0
between sites, use of footbaths etc	No		1				
CoGP/Regulator			<u>'</u>	J			
Practices in accordance	Yes			1			
with regulator or industry	No		0				0
code of practice] 3	J.			
Platform access to cages	Yes		0				0
	No		2				
				•	_		
					Total		22
					Rank		MEDIUM

Case No:	2019-0126		Site No	: FS0265					
Sea Lice Inspection (1. Has the site experie	Seawater Sites Only) nced sea lice problems i	n the previous 4 years?	•						
•	Ianagement Area (or equ	•		e year class basis?					
azamethiphos and emacan these be deployed	l in a reasonable period of cumented farm manager	ell as access to suitable of time?	e biological and/or m	echanical control measu	res, and				
5. Are sea lice count re	ecords available for inspe	ection? (Legal SSI, Co	GP Annex 6)						
6. Do records adequat	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 records are inspected?	· · · · · · · · · · · · · · · · · · ·	onis) numbers per fish	been at a level of 3 of	or above during the perio	d that				
If yes, have these been	n reported to the Fish He	ealth Inspectorate? If no	, FHI see comment.						
9. Is C. elongatus infe	station at a level which is	s considered to cause s	ignificant welfare pro	oblems? (CoGP 4.3.81, 5	.3.50)				
				nis levels have exceeded cations? (CoGP 4.3.82, 5					
11. Has any other action	on been taken (where ap	pplicable)?							
•	reatments or the actions		impact upon the lice	levels recorded?					
13. Are treatments, wh	ere conducted, carried c	out in cooperation between	een participating farn	ns?					
4. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for lea lice? 5. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised									
	scalation of a sea lice inf		,,		3				
16. Do the sea lice leve	els observed on stocks r	eflect sea lice count da	ta? If no please deta	il reasons.					
•	ion nced equipment damage ce to mitigate against the	•	•	•	N Y				
If other, detail below:									
Electric fence, top nets									
3. Have escape incide	ents or events been expe	rienced on or in the vic	inity of the site since	the last FHI inspection?	N				
	estions 4 – 9. If No skip to ported to Scottish Minister	•							
5. Have these been re	ported to local DSFB fort	thwith (where they exist)? (CoGP – 4.4.37,	5.4.17)					
6. Have these been re	ported to the SSPO and	local fisheries trusts for	thwith (where they e	xist)? (CoGP – 4.4.37, 5.	4.17)				
7. Were methods (if ar	ny) used to recover esca	pees? If yes give detail							
8. If gill nets were deal	oved was this action agr	eed with local wild fish	interests and was pe	ermission given by Scottis	sh				
Ministers? (Legal, Co				g					
9. What action was tak	en to prevent and minim	nise the risk of further e	scapes? (Not covere	d in code but could					
be considered unde	r satisfactory measure	es of the Act)							
10. Is the site inspecte	d as satisfactory with req	gards to containment? I	f no, please detail re	ason(s)	Y				

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Case No:	2019-0126	Date of visit: 18/03/2019						
Site No:	FS0265	Inspector:						
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type ECI, CNI, VMD	Date	Insp	2 nd Insp					
ECI, CNI, VMD	25/03/2019							





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 FS0265 INSPECTOR DATE OF VISIT 18/03/2019
SITE NAME Inverkerry Smolt Unit
CASE No 20190126

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

R04

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/FHl/charter

Date: 25/03/2019

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018			
Case No: 2019-0127			Date of visit: 21/03/2019			
Time spent on site:	hours	Main Inspect	or:			
Site No: FS0887 Business No: FB0235	Site Name: Business Name:	Sallachy Site Cooke Aquaculture (Freshwa	ter) Ltd			
Case Types: 1 ECI 2	2 CNI 3 VMD	4 5	6			
Water Temp (°C): 3.5	Thermometer No:	Site	FHI 045 completed			
Observations:	Region: HI	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:						

Site will hopefully be emptied this week, although there is a chance of delay.

VMD fish appeared healthy when sampled.

FHI 059, Version 12	Issued by: FHI Date of issue: 08						e: 08/10/2018	
Case No: 2019-0)127	Site No:	FS0887	7				
Date of Visit:	21/03/2019	9		Inspector(s)	:]	
Registration/Authorisation 1. Business/site details sum 2. Changes made to details	mary checked by	site representa	ative?			Y N	}	
Site Details								
Total No facilities	10	Facilities sto	cked	6	No facilitie	s inspected	10	
Species SAL								
Age group 19 S1								
No Fish 301,45								
Mean Fish Wt 58.5G								
Next Fallow Date (Site)	Apr 2109		Next Input Da	ate (Site)	Jul 2019			
Recent (last 4 wks) disease problems? N Any escapes (since last visit)? If yes, detail:							N	
Movement Records 1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available?								
Transport Records 1. Are any movements carr If yes, is there a system in p	• •	•	•	_			N	
Mortality Records								
Mortality records available	•				-		Y	
2. How are mortalities disposit other detail:	sed of?			Incinerated	- on site			
Mortality records complete	e and correctly en	tered?					Y	
4. Recent mortality (last 4 w	•		k across the v	vhole site (0.0	7% for the m	nonth)		
5. Evidence of recent increa	•					,	N	
If yes, facility nos/no mortal			/reason:					
6. Any other peaks in morta	lity during period c	hecked?					N	
	If yes, detail:							
If yes, detail action:	7. Have increased (unexplained) mortalities been reported to vet or FHI? N/A							
. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.								

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Recent treatments (last 4 wks)?		<u> </u>
If yes, detail: T.M.S.		
If other, detail:		
2. Medicines records available for inspec		Y
3. Are records complete and correctly en	tered?	Y
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?	T.M.S.	
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
1. Biosecurity records available for inspec	ction?	Y
	tality removal, recording and safe disposal beer	n considered?
3. Has the manner and period in which th	ne APB will notify Scottish Ministers or veterinary	y 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 pre-	sence of a listed disease Y
is detected been included and how and to	when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture a	nimals being stocked on the farm site been cov	ered (equal or higher Y

If no, detail:

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

2. If yes, are results available for inspection?

health status, certification if required)?

aquaculture animals held on site?

3. Any significant results?

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

Records checked between:

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

24/10/17 - 21/10/19

	Case no:	2019-01	27	Site No:		FS0887			Date of		21/	03/2019	21/0
	Priority samples:	VI		ВА		PA		MG	Samplin	ng: HI		1	
	Time sampling starts/ends:	13:0	0:00	13:3	0:00		Inspecto	or:		l	VMD No	o.	3
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
Г	Pool/Fish No												
	Fish nos	1-9											
	Pool Group												
	Species	SAL											
	Average weight	58.5g											
	Sex	N/A											
	Water Type	FW											
Details		Wester Fearn FS0913											
상	Stock Origin	Ne.											
Stock	Facility No	9											

03/2019	Addition	nal Sam	ple Infor	mation:										
	3/2019 Additional Sample Information:													
0	l	Total To	ests ass	igned	0									
	0 Total Tests assigned 0													

FHI 059, Version 12		Issued by: FHI			Date o	of issue	: 08/10/2018
Case Number:	2019-0127		Site No:	FS0887	I	nsp:	
Date of Visit	21/03/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or			40	00	
species	compartment in Number of sup	ncluding third country	0		18 10	26 14	⊢
			<u> </u>				\blacksquare
Movements off	Frequency of n		0		6	10	6
F	Number of des		0		6	10	3
Exposure via water Water contacts with other	Earm is protect	Site contacts red (secure water supply through	0	1-5	6-10		_
farms (holding species	disinfection or l	borehole)	0				ш
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		_			H
	farms upstrean	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		
Management anasticas			Nana				
Management practices Water contacts with	Any processing	plant discharging into adjacent waters	None	Secure	Unsecure		
processors	,, p	, p	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	1			ш
		from zone or compartment of	1	1			-
	equivalent state Processing fish	n from Category III farm	8	1			-
		n from Category ∨ farm	10				-
Disposal of fish and fish by-	Site's own was	te only processed.		i i			
products		esses with other farms	3				H
		t for waste from other farms	5				-
Use of unpasteurised feeds	No feeding of u	Innastaurised feed	0	J 1			
Ose of unpasteurised reeds	Feeding unpas	•	5	1			H
Biosecurity	r county unput	Number of sites] 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		1	2		
		taff and equipment	0	1	2		Ьď
Disinfection of equipment	Yes		l 0	1			
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				ightarrow
Platform access to cages	Yes		0				0
	No		2				
					Total		11
					Rank		LOW

Case No:	2019-0127	:	Site No:	FS0887	
Sea Lice Inspection (Seawater Sites Only) nced sea lice problems in the	previous 4 years?			
2. Is the CoGP Farm N	Management Area (or equivale	nt) fallowed synchronously on	a single ye	ear class basis?	
azamethiphos and em can these be deployed	amectin benzoate) as well as I in a reasonable period of tim	in-feed and bath sea lice medic access to suitable biological a e? agreement or statement releva	nd/or mech	hanical control measur	es, and
Management Area (or		.			
5. Are sea lice count re	ecords available for inspection	? (Legal SSI, CoGP Annex 6)			
6. Do records adequat	ely reflect the required standa	rd specified in the SSI and the	CoGP? (L	egal SSI, CoGP Annex	(6)
7. Are sea lice (<i>L. saln</i> records are inspected?	· · · · · · · · · · · · · · · · · · ·	suggested criteria for treatment	nt in the Co	oGP during the period t	hat
8. Have average adult records are inspected?	· · · · · · · · · · · · · · · · · · ·	numbers per fish been at a lev	el of 3 or a	above during the period	I that
If yes, have these bee	n reported to the Fish Health I	nspectorate? If no, FHI see co	mment.		
9. Is C. elongatus infe	station at a level which is cons	sidered to cause significant we	lfare proble	ems? (CoGP 4.3.81, 5.	3.50)
		or other actions taken when <i>L.</i> us is considered to have welfa			
11. Has any other action	on been taken (where applical	ole)?			
12. Have therapeutic t	reatments or the actions taker	n had a significant impact upon	the lice lev	vels recorded?	
13. Are treatments, wh	ere conducted, carried out in	cooperation between participat	ting farms?	•	
sea lice?		fewer populations or part popu			
	ific written lice management p scalation of a sea lice infestat	procedure with waypoints descr ion?	ribing set a	ctions to deal with reco	ognised
16. Do the sea lice lev	els observed on stocks reflect	sea lice count data? If no plea	se detail re	easons.	
Containment Inspect	ion				
•		to predators in the current or p	revious pro	oduction cycles?	N
2. Are measures in pla	ce to mitigate against the pre-	dation experienced on site? (D	etail below)	Y
If other, detail below	:				
Topnets, Dynema nett	-				
	•	ed on or in the vicinity of the si	te since the	e last FHI inspection?	N
	estions 4 – 9. If No skip to que	estion 10			
4. Have these been re	ported to Scottish Ministers?				
5. Have these been re	ported to local DSFB forthwith	(where they exist)? (CoGP -	4.4.37, 5.4	.17)	
6. Have these been re	ported to the SSPO and local	fisheries trusts forthwith (where	e they exist	t)? (CoGP – 4.4.37, 5.4	1.17)
7. Were methods (if ar	ny) used to recover escapees?	? If yes give detail			
8 If all nets were den	oved was this action agreed v	vith local wild fish interests and	was nerm	ission given by Scottis	n
Ministers? (Legal, Co		The second state of the se	nuo penn		
9. What action was tak	en to prevent and minimise th	ne risk of further escapes? (No	t covered in	n code but could	
be considered unde	r satisfactory measures of	the Act)			
10. Is the site inspecte	d as satisfactory with regards	to containment? If no, please	detail reaso	on(s)	Y

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Case No:	2019-0127			Date of visit:	21/03/2019			
Site No:	FS0887			Inspector:				
Results Summary	Freq.			Dat	te of Notificat	tion		
·	·	Database	Insp		Insp	Writing	Insp	2 nd Insp
	 							
	 							
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, VMD	25/03/2019							
	<u> </u>							





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 FS0887 INSPECTOR DATE OF VISIT 21/03/2019
SITE NAME Sallachy Site
CASE NO 20190127

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

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: 25/03/2019

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0128			Date of visit: 19/03/2019
Time spent on site:	hours	Main Inspec	tor:
Site No: FS0264 Business No: FB0132	Site Name: Business Name:	Inverpolly Finfish Ltd	
Case Types: 1 ECI 2	2 CNI 3	4 5	6
Water Temp (°C): 5.5	Thermometer No:	Site	FHI 045 completed
Observations:	Region: HI	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 info	ormation/clinical score sheet. ormation/clinical score sheet. ormation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:	

Eggs were moved to inchmore on the 18/12/19 - 799998 28 boxes - however original health certificate remained on site at inverpolly. Health certificates are present, although certificate number INTRA.NO2018.0003831 - V1 appears to be a photocopy - 770,000 eggs from marine harvest Norway.

The site is currently being upgraded in some areas and a trial of organically farmed smolts is being ran in this cycle. Site has been split into two areas to allow for the complete seperation of two stocks.

88,078 mortalities across the whole site since december ~3%

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0128		Site No:	FS0264				
Date of Visit:		19/03/2019]		Inspector(s)	:]
Registration/Authornamental 1. Business/site det 2. Changes made to	ails summary		ite representa	tive?			Y N	-
Site Details								
Total No facilities		72	Facilities sto	cked	14	No facilitie	s inspected	72
Species	SAL							
Age group	q4 19							
No Fish	2,481,934							
Mean Fish Wt	0.18g							
Next Fallow Date (S	ite)	No plans		Next Input Da	ite (Site)	April 19		
Recent (last 4 wks)	disease probl	ems?		Y	Any escape	s (since last	visit)?	N
If yes, detail:			ecator - not ca	using mortality		•		
Movement Record	s							
Movement record		r inspection?						Y
2. Date of last inspe							07/06/2017	
3. Are records comp		ectly entered?	?					Y
4. Are movement re		•						Y
5. Are records comp	olete and corre	ectly entered?	?					Y
6. Are health certific	ates for introd	luctions (outv	vith GB) availa	ble?				Y
Transport Records								
1. Are any moveme		t by (or on be	half) of the bu	siness (not usi	ing a STB)?			N
If yes, is there a sys			•	•	_			
Mortality Records			·					
1. Mortality records	available for i	nspection?						Y
2. How are mortalities					Biogas - En	ergen, Cumb	ernauld	
If other detail:								
3. Mortality records	complete and	correctly ent	ered?					Y
4. Recent mortality	(last 4 wks):		wk 8 - 0.42%	wk 9 - 0.4% v	vk 10 - 0.23%	6 wk 11 - 0.1	6% across th	e site
5. Evidence of recei	nt increased/a	typical mortal	lities?					N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility/	reason:				
Any other peaks i If yes, detail:	n mortality du	ring period ch	necked?					N
7. Have increased (uneynlained)	mortalities he	en reported to	vet or FHI2				N/A
If yes, detail action:	ariexpiairieu)	nortaintes be	en reported to	701011111				TW/A
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	RT case and e	enter on mort	ality events	sheet.	N/A
			,					

ii yes, detaii.	i oimaiin, Fyceze	1.101.5.		
If other, detail:				
2. Medicines records availab	•			Y
3. Are records complete and	correctly entered?			Y
4. Are fish in a withdrawal pe	riod?			Y
5. If yes, what treatment(s)?		Formalin, T.N	M.S.	
If other, detail:				
6. Are medicines stored appr	opriately?			Y
Biosecurity Records				
Biosecurity records available	ole for inspection?			
-	ency of mortality removal, red	ording and cafe	disposal been considered?	
	•	_	rs or veterinary professional of any	
increased (unexplained) mo	•		is or veterinary professional or any	V
increased (unexplained) IIIo	itality at the site been include	u:		<u> </u>
1 Has the action that will be	taken in the event that the nr	esence or susnic	cion of the presence of a listed disease	Y
	d how and when that will be	•	•	
			site been covered (equal or higher	Y
health status, certification if r		Aca on the farm	site been covered (equal or higher	
ricalar status, certification in	oquired).			
6 Have the husbandry and h	iosecurity measures impleme	ented between e	ach epidemiological unit to minimise	Y
•	n covered (movement of staff,			
	regarding the measures in p			Y
aquaculture animals held on			p,	
8. Have the biosecurity proce		emented on site?	•	Y
If no, detail:	1 2 1			
Results of Surveillance				
1. Has any animal health sur	veillance been carried out by,	or on behalf of	the business?	
2. If yes, are results available	•	or our benan or,	uic publicas:	
•	ioi inspection:			
3. Any significant results?	nder recent disease problem	٠١	See recent disease issues	
If yes, detail (if not detailed u	nuer recent disease problems	>).	See recent disease issues	

07/06/2017 - 19/03/2019 Records checked between:

FHI 059, Version 12		Issued by: F	HI			Date of issue:		
Case Number:	2019-0128			Site No:	FS0264		Insp:	
Date of Visit	19/03/2019			No of mo	ovements/s	upp./dest.		Score
Live fish movements				0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent I	MS	0	5	10	14	5
with GB) of susceptible species		novements on from equivalent a	zone or	0	9	18	26	П
5,000	Number of sup	ncluding third country		0	5	10	14	5
Movements off	Frequency of m			0	3	6	10	10
iviovements on	Number of des			0	3	6	10	3
Exposure via water			ontacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	,		0				
susceptible to same diseases)	farms upstream	or in a coastal zone with categ n or within 1 tidal excursion		1	2	4		1
	farms upstream	or in a coastal zone with categ n or within 1 tidal excursion		1	3	6		ш
		or in a coastal zone with categ n or within 1 tidal excursion	jory ∨	1	4	8		ш
Management practices				None	Secure	Unsecure		
Water contacts with processors	Any processing	ı plant discharging into adjacen	nt waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro			0				0
	Processing own	n fish (re-cycling risk)		1				ш
		from MS of equivalent status		2				
	equivalent statu			4				
		from Category III farm		8				-
	Processing fish	from Category V farm		10				ш
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	npasteurised feed		0				0
	Feeding unpas	teurised feed		5				ш
Biosecurity		Number	of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0	1	2		0
	Sites sharing s	taff and equipment		0	1	2		
Disinfection of equipment	Yes			0				0
between sites, use of footbaths etc	No			1				Н
CoGP/Regulator								
Practices in accordance	Yes			0				0
with regulator or industry code of practice	No			3				
Platform access to cages	Yes			0				0
	No			2				ΗН
						Total Rank		24 MEDIUM

Case No:	2019-0128		Site No:	FS0264	
Sea Lice Inspection (• •				
•	nced sea lice problems in t	•			
		ralent) fallowed synchronously			
azamethiphos and ema can these be deployed 4. Is there a signed do	amectin benzoate) as well in a reasonable period of cumented farm manageme	ed in-feed and bath sea lice me as access to suitable biological time? ent agreement or statement rele	l and/or med	chanical control measu	res, and
Management Area (or					
	•	tion? (Legal SSI, CoGP Annex 6			
6. Do records adequate	ely reflect the required star	ndard specified in the SSI and th	ne CoGP? (L	egal SSI, CoGP Anne	x 6)
7. Are sea lice (<i>L. salm</i> records are inspected?		the suggested criteria for treatm	ent in the C	oGP during the period	that
8. Have average adult records are inspected?	· ·	is) numbers per fish been at a l	evel of 3 or	above during the perio	d that
If yes, have these been	n reported to the Fish Heal	th Inspectorate? If no, FHI see of	comment.		
9. Is C. elongatus infe	station at a level which is c	onsidered to cause significant v	velfare probl	ems? (CoGP 4.3.81, 5	.3.50)
		ed or other actions taken when gatus is considered to have wel			
11. Has any other action	on been taken (where appli	cable)?			
12. Have therapeutic tr	reatments or the actions ta	ken had a significant impact upo	on the lice le	evels recorded?	
13. Are treatments, wh	ere conducted, carried out	in cooperation between particip	ating farms	?	
sea lice?	•	ere fewer populations or part pop			
	ific written lice manageme scalation of a sea lice infes	nt procedure with waypoints des station?	scribing set a	actions to deal with rec	ognised
16. Do the sea lice leve	els observed on stocks refl	ect sea lice count data? If no ple	ease detail r	reasons.	
Containment Inspect	ion				
•		ue to predators in the current or	r previous pr	roduction cycles?	N
2. Are measures in pla	ce to mitigate against the p	predation experienced on site? (Detail below	v)	Y
If other, detail below:					
Tank lids on tanks outs	side and the rest of the site	is inside. Rentokil			
3. Have escape incide	ents or events been experie	enced on or in the vicinity of the	site since th	e last FHI inspection?	N
	estions 4 – 9. If No skip to				
4. Have these been rep	ported to Scottish Ministers	3?			
5. Have these been rep	ported to local DSFB forthy	vith (where they exist)? (CoGP -	- 4.4.37, 5.4	4.17)	
6. Have these been rep	ported to the SSPO and lo	cal fisheries trusts forthwith (whe	ere they exis	st)? (CoGP – 4.4.37, 5.	4.17)
7. Were methods (if ar	y) used to recover escape	es? If yes give detail			
8. If all nets were deal	oved was this action agree	d with local wild fish interests ar	nd was perm	nission given by Scottis	sh
Ministers? (Legal, CoG			- F	J	
9. What action was tak	en to prevent and minimis	e the risk of further escapes? (N	lot covered i	in code but could	
be considered unde	r satisfactory measures	of the Act)			
10. Is the site inspecte	d as satisfactory with rega	rds to containment? If no, please	e detail reas	on(s)	Υ

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Case No:	2019-0128			Date of visit:	19/03/2019			
Site No:	FS0264			Inspector:				
Results Summary	Freq.	Database	lnon		te of Notificat		Inon	ond .
		Database	Insp	rnone	Insp	Writing	Insp	2 nd Insp
Report Summary	5 (nd					
Case Type	Date	Insp	2 nd Insp					
ECI, CNI	02/04/2019							
	 							





Finfish Ltd Finfish Ltd Inverpolly Ross-shire IV26 2YB

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0132 SITE NO FS0264 INSPECTOR DATE OF VISIT 19/03/2019
SITE NAME Inverpolly
CASE NO 20190128

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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 further information or have any queries regarding this report.



Fish Health Inspector

Date: 02/04/2019

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

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

FHI 059, Version 12		Issued by: FHI	Date of	issue: 08/10/2018
Case No: 2019-0129			Date of visit:	20/03/2019
Time spent on site:	hours	Mair	n Inspector:	
Site No: FS0933 Business No: FB0398	Site Name: Business Name:	Clashnessie Bay Loch Duart Ltd		
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6	
Water Temp (°C): 7.8	Thermometer No:	Site	FHI 045 comple	eted
Observations:	Region: HI	Water type:	CoGP MA	M-8
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed?	•	N If yes, see additi	onal information/clinical sc onal information/clinical sc onal information/clinical sc	ore sheet.
Diagnostic samples taken? UNI/REG only - if unable to carry	out intended visit deta	il reason below:		

Mortalities transferred by DK waste to Gray's Portsoy for composting.

Some seal mortality 0.24% in December 2018

Lice levels rose to 1.04 in wk 33 2018, although have been below sugested criteria before and since then.

No issues on site, fish looked healthy and had a healthy feed response. Fish sampled for VMD appeared healthy when sampled.

Wrasse mortality ~0.88% per week across the site.

FHI 059, Version 12			Issu	ied by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0129		Site No:	FS0933				
Date of Visit:		20/03/2019)		Inspector(s)	:]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	7
Site Details								
Total No facilities	s 10 Facilities sto		Facilities sto	cked	10	No facilitie	es inspected	10
Species	SAL	WRA						
Age group	18 S1	mix						
No Fish	316,030	6,420						
Mean Fish Wt	2.34 Kg	mix						
Next Fallow Date (S	ite)	Nov 19		Next Input Da	ate (Site)	Apr 20		
Recent (last 4 wks) of the second (last 4 wks) o	disease probl	lems?		N	Any escapes	s (since last	visit)?	N
Movement Records								
Movement record		or inspection?						Y
2. Date of last inspe		i iliopeolioit.					06/06/2017	
3. Are records comp		ectly entered	?				00,00.20	Y
4. Are movement re								Y
5. Are records comp		•						Y
6. Are health certification	ates for introd	ductions (outv	vith GB) availa	able?				N/A
Transport Records								
1. Are any movemer		it by (or on be	half) of the bu	usiness (not us	ing a STB)?			N
If yes, is there a syst				•	_			
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalitie								
				Portsoy for com	nposting			
3. Mortality records of	complete and	correctly ent						Y
4. Recent mortality (last 4 wks):		WK 10 - 0.02 whole site	2% WK 09 - 0.	03% WK 08 -	- 0.01% WK0	07 - 0.01% ac	cross the
5. Evidence of recen	nt increased/a	atypical mortal	lities?					N
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:				
6. Any other peaks in	n martality du	ring paried of	hadrad?					N
If yes, detail:	1 mortality du	ring period cr	lecked?					l I
7. Have increased (u	inexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:	,							
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	IRT case and e	enter on mort	ality events s	sheet.	N/A

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)?							
If other, detail:							
6. Are medicines stored appropriately?	Y						
Biosecurity Records 1. Biosecurity records available for inspection?	Y						
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?							
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?							
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	Y						
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)?							
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y						
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?							
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?							
8. Have the biosecurity procedures been adequately implemented on site?							
If no, detail:							
Results of Surveillance							
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	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: 06/06/2017 - 20/03/2019							

г	HI 059, Version 12							ISS	suea by: F	ш			
	Case no:	2019-01	129	Site No:		FS0933			Date of v		20/0	03/2019	20/0
ı	Priority samples:	VI		ВА		PA		MG		y. HI			
	Time sampling starts/ends:	15:3	0:00	16:3	0:00		Inspecto	r:			VMD No). [15
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
п	Pool/Fish No												
	Fish nos	F1	F2										$\overline{}$
Т	Pool Group												
	Species	SAL	SAL										
	Average weight	2.34 Kg	2.34 Kg										
	Sex		N/A										
	Water Type	SW	SW										
Stock Details		Loch Na Thull FS0907	Loch Na Thull FS0908										
t.	Facility No	8	9										

03/2019	03/2019 Additional Sample Information:											
0	ı	Total To	ests ass	igned	0	1						

FHI 059, Version 12		Issued by: Fh	11			Date o	of issue	: 08/10/2018
Case Number:	2019-0129			Site No:	FS0933		Insp:	
Date of Visit	20/03/2019			No of mo	ovements/s	upp./dest.		Score
Live fish movements				0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent M	IS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zo	one or	0	9	18	26	П
·	Number of sup	ncluding third country		0	5	10	14	-
Movements off	Frequency of m			0	3	6	10	6
Wovernerits on	Number of des			0	3	6	10	3
Exposure via water		Site co	ontacts	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 catego n or within 1 tidal excursion		1	2	4		2
	farms upstream	or in a coastal zone with catego n or within 1 tidal excursion		1	3	6		ш
		or in a coastal zone with catego n or within 1 tidal excursion	ory ∨	1	4	8		
Management practices				None	Secure	Unsecure		
Water contacts with processors	Any processing	ı 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	from MS of equivalent status		2				
	equivalent statu			4				
		from Category III farm		8				
	Processing fish	from Category ∀ farm		10				
Disposal of fish and fish by-	Site's own was	te only processed.		0				
products	Common proce	esses with other farms		3				ш
	Collection poin	t for waste from other farms		5				5
Use of unpasteurised feeds	No feeding of u	npasteurised feed		0				0
	Feeding unpas	teurised feed		5				ш
Biosecurity		Number o	of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0	1	2		1
	Sites sharing s	taff and equipment		0	1	2		1
Disinfection of equipment	Yes			0				0
between sites, use of footbaths etc	No			1				Н
CoGP/Regulator								
Practices in accordance	Yes			n				0
with regulator or industry code of practice	No			3				
Platform access to cages	Yes			0				0
	No			2				
						Total Rank		18 MEDIUM

Case No:	2019-0129		Site No:	FS0933		
Sea Lice Inspection (S	• •	in the provious 4 years?			V	
•	•	in the previous 4 years?			Y	
		quivalent) fallowed synchronously			Y	
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time? 4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm						
Management Area (or e	equivalent)?			ite and CoGP Farm	Y	
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. salmo</i> records are inspected?		ow the suggested criteria for treat	ment in the Co	oGP during the period	that N	
8. Have average adult for records are inspected?	emale sea lice (L. sali	monis) numbers per fish been at a	a level of 3 or a	above during the perio	d that N	
If yes, have these been	reported to the Fish H	lealth Inspectorate? If no, FHI see	comment.		N/A	
9. Is <i>C. elongatus</i> infes	tation at a level which	is considered to cause significant	welfare proble	ems? (CoGP 4.3.81, 5	.3.50) N	
•		stered or other actions taken when the stered or other actions taken when the stered to have with the stered to have with the stered or other actions taken when the stered or other actions to the stered or other actions the stered or other actions to the stered or othe				
11. Has any other action	n been taken (where a	applicable)?			Y	
•	•	s taken had a significant impact u	pon the lice le	vels recorded?	Y	
•		out in cooperation between partic			Y	
		where fewer populations or part p			t for Y	
15. Is there a site specifications scenarios during the escenarios		ment procedure with waypoints denfestation?	escribing set a	actions to deal with rec	ognised Y	
16. Do the sea lice leve	ls observed on stocks	reflect sea lice count data? If no	please detail re	easons.	Υ	
Containment Inspection	on					
 Has the site experien 	ced equipment dama	ge due to predators in the current	or previous pro	oduction cycles?	N	
2. Are measures in plac	e to mitigate against t	he predation experienced on site?	P (Detail below	')	Υ	
If other, detail below:	. ADD D.:	4- BAM				
Tensioned nets, Top ne		·			N	
		erienced on or in the vicinity of th	e site since the	e last FHI inspection?	N	
If Yes proceed with que 4. Have these been rep	•					
5. Have these been rep	orted to local DSFB fo	rthwith (where they exist)? (CoGF	° – 4.4.37, 5.4	J.17)		
6. Have these been rep	orted to the SSPO and	d local fisheries trusts forthwith (w	here they exist	t)? (CoGP – 4.4.37, 5.	4.17)	
7. Were methods (if any	y) used to recover esc	apees? If yes give detail				
8 If all note were deale	wed was this action as	greed with local wild fish interests	and was norm	ission divon by Sootio	th.	
Ministers? (Legal, CoG	P – 4.4.38, 5.4.18)					
		mise the risk of further escapes?	(Not covered in	n code but could		
be considered under	•	· · · · · · · · · · · · · · · · · · ·				
10. Is the site inspected	l as satisfactory with re	egards to containment? If no, plea	se detail reaso	on(s)	Υ	

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0129	Site No: FS0933	
Date of Visit: 20/03/2019	Inspector:	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Y
If N, no further questions require compl	etion.	
Points of Compliance for Both Farm	Management Agreements and Statements	
3. Is the current FMAg/S available for ir4. Does the FMAg/S identify the relevar5. Does the FMAg/S identify the fish far	nt farm management area? rm site(s) to which it applies? f commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health Manag	gement	
8. Does the FMAg/S identify the minimufarm?	um health standards for the stocks to be introd	duced to the area or
10. Does the FMAg/S identify the speci	ation requirements for stocks held in the area es of fish which may be stocked into the area mum stocking density of any pen on any farm	or farm?
12. Does the FMAg/S identify the arranges fish farm in the area or the individual fa	gements for the storage and disposal of any darm?	lead fish from any
Arrangements for The Management	of Sea Lice	
13. Does the FMAg/S identify arrangem	nents for the sharing of data on sea lice number	ers and treatments?
14. Does the FMAg/S identify the availating of statement?	ability and the use of medicines on farms cove	red by the agreement Y
15. Does the FMAg/S identify any requilice on farms in the area or individual fa	irements for the sensitivity testing of available arms?	
	mstances under which biological controls and	
17. Does the FMAg/S identify the arrangement	gements for synchronous treatments on farms	s within the area?
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or gements for the movement of live fish on and	

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Harvesting		
20. Does the FMAg/S identify acceptable har	vest practices on farms in the area or ind	ividual farms?
Fallowing		
21. Does the FMAg/S identify the dates by wh date when a farm or area may be restocked?		ow and the earliest Y
22. Does the FMAg/S identify whether one or agreement or statement?	more year classes may be stocked onto	sites covered by the Y
23. Does the FMAg/S identify whether broods covered by the agreement or statement?	stock or potential broodstock are to be ke	pt on any site
Point of Compliance for Farm Managemen	nt Agreements Only	
24. Does the farm management agreement in parties to the agreement?	nclude arrangements for persons to beco	ome, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and opera	ated in accordance with the agreement or	r statement?
26. What is the version no/date of issue of the	e FMAg/S? Feb-19	

Case No:	2019-0129			Date of visit:	20/03/2019			
Site No:	FS0933			Inspector:				
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
							<u> </u>	
	1							
	1							
					-			
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, SLI, VMD	02/04/2019							





Loch Duart Ltd Badcall Salmon House Scourie, Lairg Sutherland IV27 4TH

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0398 SITE NO FS0933 INSPECTOR DATE OF VISIT 20/03/2019
SITE NAME Clashnessie Bay 20190129

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

Signed:

Fish Health Inspector

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

Date: 02/04/2019

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0130			Date of visit: 20/03/2019
Time spent on site:	3.5 hours	Main	Inspector:
Site No: FS0671 Business No: FB0398	Site Name: Business Name:	Outer Bay (Loch Droig Loch Duart Ltd	hniche)
Case Types: 1 ECI	2 CNI 3 SLI	4 5	6
Water Temp (°C): 7.5	Thermometer No:	Site	FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA M-7
Dead/weak/abnormally behaving	fish present?	N If yes, see additio	nal information/clinical score sheet.
Clinical signs of disease observe	ed?		nal information/clinical score sheet.
Gross pathology observed? Diagnostic samples taken?		N If yes, see additio	nal information/clinical score sheet.
Diagnostic samples taken:		IX	
UNI/REG only - if unable to carry	out intended visit deta	il reason below:	

Additional Case Information:

Mortalities transferred by DK waste to Gray's Portsoy for composting.

Visual checks only on sea lice levels, as broodstock are currently being selected and harvested. Fish are >8kg so constant daily handling difficult.

Wrasse mortality - 28 fish since input on the 21/01/2019

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0130]	Site No:	FS0671]			
Date of Visit:		20/03/2019	9		Inspector(s):]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N]
Site Details								
Total No facilities		8	Facilities sto	cked	4	No facilitie	s inspected	8
Species	SAL	WRA						
Age group	S1	Mix						
No Fish	4,678	170						
Mean Fish Wt	8.225	Mix						
Next Fallow Date (S	ite)	Aug 2019		Next Input Da	ite (Site)	Nov 2019		
Recent (last 4 wks) of	disease probl	ems?		N	Any escapes	(since last	visit)?	N
Movement Records								
Movement records		r inspection?						
2. Date of last inspec		i ilispection:					15/12/2016	
3. Are records comp		ectly entered	?				10/12/2010	Y
4. Are movement red		•		•				Y
5. Are records comp	lete and corr	ectly entered	?					Y
6. Are health certification		-		able?				N/A
Transport Records								
Are any movement		t by (or on be	half) of the hi	ısiness (not usi	ing a STR)?			N
If yes, is there a syst			•	•	_			
Mortality Records	·		·					
1. Mortality records a	available for i	nspection?						Y
2. How are mortalitie	es disposed o	f?			Other (detail)		
If other detail:								•
 Mortality records of Recent mortality (•	correctly ent		0/ 14/1/ 0 0 0	20/ 14/1/ 0 0	200/ 14/1/ 7	0.00	T
,	The second secon			% WK 9 - 0.23	5% WK8 - U.	30% WK /	-0.08	NI NI
Evidence of recent If yes, facility nos/no		• •		reason:				N
ir yes, racility rios/rio	mortality per	racility/110 Sit	ock per facility	rieasori.				
6. Any other peaks in	n mortality du	ring period cl	hecked?					N
If yes, detail:								
7. Have increased (inexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	l? If no, add №	IRT case and e	enter on morta	ality events s	sheet.	N/A

Issued by: FHI Date of issue: 08/10/20 1. Recent treatments (last 4 wks)? If yes, detail: If other, detail: 2. Medicines records available for inspection? 3. Are records complete and correctly entered? 4. Are fish in a withdrawal period? 5. If yes, what treatment(s)? If other, detail:	
If yes, detail: If other, detail: 2. Medicines records available for inspection? 3. Are records complete and correctly entered? 4. Are fish in a withdrawal period? 5. If yes, what treatment(s)?	018
If yes, detail: If other, detail: 2. Medicines records available for inspection? 3. Are records complete and correctly entered? 4. Are fish in a withdrawal period? 5. If yes, what treatment(s)?	NI
If other, detail: 2. Medicines records available for inspection? 3. Are records complete and correctly entered? 4. Are fish in a withdrawal period? 5. If yes, what treatment(s)?	N
2. Medicines records available for inspection? 3. Are records complete and correctly entered? 4. Are fish in a withdrawal period? 5. If yes, what treatment(s)?	
3. Are records complete and correctly entered? 4. Are fish in a withdrawal period? 5. If yes, what treatment(s)?	$\overline{}$
4. Are fish in a withdrawal period? 5. If yes, what treatment(s)?	
5. If yes, what treatment(s)?	N
	IN
6. Are medicines stored appropriately?	Y
	_
Biosecurity Records	
1. 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?	Υ
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site? If no. detail:	Y

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

Results of Surveillance

3. Any significant results?

2. If yes, are results available for inspection?

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

Records checked between:

15/12/16 - 20/03/19

FHI 059, Version 12		Issued by: FHI			Date	of issue	: 08/10/2018
Case Number:	2019-0130		Site No:	FS0671		Insp:	
Date of Visit	20/03/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
Special Control of the Control of th	Number of sup	ncluding third country	0			14	-
Movements off			0			10	
Movements off	Frequency of n Number of des		0			10	3
Exposure via water	rtaniber of des	Site contacts					
Water contacts with other	Farm is protect	ed (secure water supply through					
farms (holding species	disinfection or l	,	0				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		igwdot
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
	namio apolican	Tot walling a data execution	<u> </u>		<u> </u>		_
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				-
	Processing fish equivalent state	n from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	n from Category ∀ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	Ī			$\overline{}$
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	inpasteurised feed	0	1			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2
	Sites sharing s	taff and equipment	0	1	2		2
Disinfection of equipment	Yes		0]			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	1			\vdash
Platform access to cages	Yes		0				0
	No		2				
					Total		18
					Rank		MEDIUM

FHI 059, Version 12	Issued by: FHI	Dat	e of issue: 08/10/2
Case No: 2019-0130	Sit	te No: FS0671	
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems in the	previous 4 years?		N
2. Is the CoGP Farm Management Area (or equivalent	nt) fallowed synchronously on a	single year class basis?	Y
3. Does the site have access to a range of licenced in azamethiphos and emamectin benzoate) as well as can these be deployed in a reasonable period of time 4. Is there a signed documented farm management as	access to suitable biological and e?	d/or mechanical control measu	res, and
Management Area (or equivalent)?			
5. Are sea lice count records available for inspection			Y
Do records adequately reflect the required standar	d specified in the SSI and the C	oGP? (Legal SSI, CoGP Anne)	(6) Y
7. Are sea lice (<i>L. salmonis</i>) record levels below the records are inspected? (CoGP Annex 6)	suggested criteria for treatment	in the CoGP during the period	that Y
8. Have average adult female sea lice (<i>L. salmonis</i>) records are inspected?			d that N
If yes, have these been reported to the Fish Health Ir	nspectorate? If no, FHI see comm	ment.	Y
9. Is C. elongatus infestation at a level which is cons	idered to cause significant welfa	re problems? (CoGP 4.3.81, 5	.3.50) N
10. Have therapeutic treatments been administered of suggested criteria for treatment or where <i>C. elongatu</i>			
11. Has any other action been taken (where applicab	le)?		N/A
12. Have therapeutic treatments or the actions taken	had a significant impact upon the	ne lice levels recorded?	N/A
13. Are treatments, where conducted, carried out in o	cooperation between participatin	g farms?	Y
14. Is there a harvesting strategy for the site, where f sea lice?	ewer populations or part populat	tions are held without treatmen	t for Y
15. Is there a site specific written lice management p scenarios during the escalation of a sea lice infestation	• •	ing set actions to deal with rec	ognised Y
16. Do the sea lice levels observed on stocks reflect	sea lice count data? If no please	e detail reasons.	Υ
Containment Inspection			
Has the site experienced equipment damage due to the site experienced equipment damage due to the site experienced equipment damage.			N
Are measures in place to mitigate against the pred	ation experienced on site? (Deta	ail below)	Υ
If other detail below.			
If other, detail below: A.D.D, predator nets (below), top nets, M.L.L. tension	ned nets		
Have escape incidents or events been experience		since the last FHI inspection?	N
If Yes proceed with questions 4 – 9. If No skip to que	•		
4. Have these been reported to Scottish Ministers?			
Have these been reported to local DSFB forthwith	(where they exist)? (CoGP - 4.4	4.37, 5.4.17)	
6. Have these been reported to the SSPO and local f	isheries trusts forthwith (where t	hey exist)? (CoGP - 4.4.37, 5.	4.17)
7. Were methods (if any) used to recover escapees?	If yes give detail		
 If gill nets were deployed was this action agreed w Ministers? (Legal, CoGP – 4.4.38, 5.4.18) 	ith local wild fish interests and w	as permission given by Scottis	h
9. What action was taken to prevent and minimise the	e risk of further escapes? (Not a	overed in code but could	
be considered under satisfactory measures of the		STOTEG III COGE DUI COGIG	
10. Is the site inspected as satisfactory with regards to		tail reason(s)	Y
The site inspector de delicitory with regards	2 Januarin Sitt. II 110, picuos de	(a)	

Date of issue: 08/10/2018

FHI 059, Version 12		Issued by: FHI	Date of	f issue: 08/10/2018
Case No: 20	19-0130 Site No	o: FS0671		
Date of Visit:	20/03/2019	Inspector:		
Point of Compliance	e			
	inspection located within a ions require completion.	farm management area?		Y
Points of Complian	ce for Both Farm Manage	ement Agreements and Stateme	ents	
3. Is the current FMA4. Does the FMAg/S5. Does the FMAg/S6. Does the FMAg/S	Ag/S available for inspection identify the relevant farm in identify the fish farm site(s	management area? s) to which it applies? encement of the agreement or stat		Y Y Y Y Y
Arrangements for F	ish Health Management			
8. Does the FMAg/S farm?	identify the minimum healt	th standards for the stocks to be in	ntroduced to the area or	Y
10. Does the FMAg/s	S identify the species of fisl	quirements for stocks held in the a h which may be stocked into the a ocking density of any pen on any fa	rea or farm?	Y Y Y
	S identify the arrangements or the individual farm?	s for the storage and disposal of a	ny dead fish from any	Y
Arrangements for T	he Management of Sea L	_ice		
13. Does the FMAg/	3 identify arrangements for	r the sharing of data on sea lice nu	ımbers and treatments?	Υ
14. Does the FMAg/s	3 identify the availability an	nd the use of medicines on farms o	covered by the agreement	Y
15. Does the FMAg/	S identify any requirements area or individual farms?	s for the sensitivity testing of availa	ble treatments for sea	Y
16. Does the FMAg/		es under which biological controls a	and cleaner fish are to be	Y
		s for synchronous treatments on fa	arms within the area?	Y
Live Fish Movemer	its			
area or farm?		es when live fish may be introduced as for the movement of live fish on a		Y

FHI 059, Version 12	issued by: FHI	Date of Issue: 08/10/20
Harvesting		
20. Does the FMAg/S identify acceptable	le harvest practices on farms in the area or indi	ividual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be restoo	by which the area or individual farm will be fallecked?	ow and the earliest
22. Does the FMAg/S identify whether o agreement or statement?	one or more year classes may be stocked onto	sites covered by the Y
23. Does the FMAg/S identify whether b covered by the agreement or statement	proodstock or potential broodstock are to be ke ?	pt on any site
Point of Compliance for Farm Manage	ement Agreements Only	
24. Does the farm management agreem parties to the agreement?	nent include arrangements for persons to beco	me, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and	operated in accordance with the agreement or	statement?
26. What is the version no/date of issue	of the FMAg/S? Feb-19	

Case No:	2019-0130			Date of visit:	20/03/2019			
Site No:	FS0671]		Inspector:		1		
Results Summary	Freq.			Dat	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	-	<u> </u>						
	†	-	 					
		-						
	<u> </u>	-						
	_	•						
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, SLI	.2/04/2019							
	-							





Loch Duart Ltd Badcall Salmon House Scourie, Lairg Sutherland IV27 4TH

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0398 SITE NO FS0671 INSPECTOR DATE OF VISIT 20/03/2019
SITE NAME Outer Bay (Loch Droighniche)
CASE No 20190130

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

Signed:

Fish Health Inspector

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

Date: 02/04/2019

FHI 059, Version 12	Issu	ed by: FHI	Date of issue: 08/10/2018
Case No: 2019-0131			Date of visit: 25/03/2019
Time spent on site:	hrs	Main Inspect	or:
Site No: FS0504 Business No: FB0557	Site Name: Business Name:	Girlsta Hatchery Grieg Seafood Shetland Ltd (I	-latchery)
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6
Water Temp (°C): 8-13 degrees	Thermometer No:	Site	FHI 045 completed N
Observations:	Region: SH	Water type: F	CoGP MA:
Dead/weak/abnormally behaving	· · · · · · · · · · · · · · · · · · ·		rmation/clinical score sheet.
Clinical signs of disease observe Gross pathology observed?	d?		rmation/clinical score sheet. rmation/clinical score sheet.
Diagnostic samples taken?		N yes, see additional line	mator/cirrical score sheet.
UNI/REG only - if unable to carry	out intended visit detail rea	ason below:	

Additional Case Information:

Current cycle of fish in par unit is the first batch to pass through the unit without having an IPN challenge. This change was attributed to change in deep cleaning method where a more powerful industrial power washer was used to clean pipework after previous fallow.

Currently producing three batches of fish rather than 4 which allows the units to have longer fallow periods.

High tonnage of morts are collected from site and taken to total waste management alliance (TWMA) for ensiling. Smaller tonnages are frozen on site and taken to the Gremista waste to energy plant for disposal.

Shortened operculum in fry unit associated with reduced resiratory function. Fish continue to feed, and when moved to parr unit, operculum grows back and fish continue to develop normally. FVG notified and samples taken for analysis. No significant findings. Grieg are hoping to undertake a research project with FVG to investigate and understand the cause of the shortened operculum. Other hatcheries are reported to have observed the occurance of shortened operculum.

Mortalities identified in several fry and parr tanks, not recently dead so a diagnostic sample was not taken. Fish sampled for VMD appeared healthy and feeding well.

Temperature: 8 degrees in hatchery, 13 degrees in fry and parr unit.

New movement book required to be sent out.

Inspection, paperwork and VMD sampling completed by under supervision.

FHI 059, Version 12			Issu	ued by: FHI		Date of issu	ue: 08/10/2018
Case No:	2019-0131		Site No:	FS0504	,		
Date of Visit:		25/03/2019	,		Inspector(s):		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite represent	ative?		Y Y	}
Site Details							
Total No facilities		39	Facilities sto	ocked	39	No facilities inspected	39
	SAL	SAL	SAL				
3 3 1	Alevins	Fry 2019 S0					
No Fish	4,950,381	1,759,408	1,884,754				
Mean Fish Wt	0.2g	9g	78g				
Next Fallow Date (Si	ite)	Hatchery: Ap	oril 2019	Next Input Da	ate (Site)	July 2019	
Recent (last 4 wks) of	·			N	Any escapes	s (since last visit)?	N
If yes, detail:	JISCASC PIOD.	lems:		.,	Ally Escaped	(SITICE last visity:	IN
Movement Records	5						
1. Movement records		or inspection?					Y
2. Date of last inspec						05/03/2018	
3. Are records comp		•					Y
4. Are movement red				}			Y
5. Are records comp		•					Y
6. Are health certification	ates for introd	ductions (outw	ith GB) availa	able?			Y
Transport Records							
1. Are any movemen		ut by (or on be	half) of the b	usiness (not us	ing a STB)?		Y
If yes, is there a syst		• •		•	· ·		Y
Mortality Records							
Mortality records a	available for	inspection?					Y
2. How are mortalitie		•			Incinerated -	- Shetland Waste to Energ	
		nages taken to	TWMA		Inomio. C.	Onotiana Tracti	93
3. Mortality records of							Y
J	,			9. parr (3,078, /	0 17%), fry (9	67, 0.05%), alevins (4,23	9 0.09%).
				•	, ,	0,342, 0.55%), alevins (1:	,
						%), fry (3,010, 0.16%), ale	
			,	•	• •	%), fry (1,462, 0.08%), ale	
4. Recent mortality ((last 4 wks):		0.09%).				
5. Evidence of recen	nt increased/a	atypical mortal	ities?				N
If yes, facility nos/no	mortality per	r facility/no sto	ck per facility	//reason:			
6. Any other peaks in	n mortality du	uring period ch	ecked?				N
If yes, detail:	1		1 2 1 4	51.110			NI/A
7. Have increased (u	inexplained)	mortalities bee	en reporteu t	o vet or FHI?			N/A
If yes, detail action:	antal boon re	and to EHI	Olf no odd N	ADT accountd	rter en mort	lite avente about	N/A
8. Have 'mortality ev	ents been te	sponed to Frii	? Il 110, aud iv	IR i case and e	Mer on more	ality events sheet.	1 N/7 N

1. Recent treatments (last 4 wks)? If yes, detail: T.M.S.	Υ
If wes detail: TMS	
1.W.O.	
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)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
1. Biosecurity records available for inspection?	Υ
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	Y
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)?	
C. Have the higher drivered his equivity recognized involves and heating an each entire relation in legislation in the	\vee
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	Y
aquaculture animals held on site?	•
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
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?	Υ
If yes, detail (if not detailed under recent disease problems). See additional comments	
Decords absolved between 1975 (02/49, 25/02/40)	

Records checked between: 05/03/18-25/03/19

Г	HI 059, Version 12							ISS	suea by:	гпі			
	Case no:	2019-01	131	Site No:		FS0504			Date of Samplin		25/	03/2019	25/0
	Priority samples:	VI		ВА		PA		MG	-	ig. HI		l	
	Time sampling starts/ends:		80:00		0:00		Inspecto	or:			VMD N	o. [22
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
Α	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	F1-4	F5-8	F9-12	F13-16	F17-20	F21-24	F25-28	F29-32	F33-36	F37-40	F41-44	
	Pool Group												
	Species	SAL	SAL	SAL	SAL								
	Average weight	71g	71g	71g	71g								
	Sex	N/A		N/A	N/A	N/A							
	Water Type	FW	FW	FW	FW								
Stock Details		Stofnfisker	Stofnfisker	Stofnfisker	Stofnfisker								
Ċ.	Facility No	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	

)3/2019	Addition Killed b	nal Sam y overdo	ple Infor	mation: MS.							
0	l	Total To	ests ass	signed	0	l					

FHI 059, Version 12		Issued by: FHI			Date	of issue	: 08/10/2018	
Case Number:	2019-0131		Site No:	FS0504				
Date of Visit	25/03/2019		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	0	10	26		
эрсою	Number of supp	ocluding third country	0			26 14	5	
							10	
Movements off	Frequency of m		0			10 10	10	
Exposure via water	Number of desi	Site contacts				10	10	
Water contacts with other	Farm is protect	ed (secure water supply through	. <u> </u>	I-3	0-10			
farms (holding species	disinfection or b		0					
susceptible to same		or in a coastal zone with category I						
diseases)		or within 1 tidal excursion	1	2	4		1	
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6			
		or in a coastal zone with category V						
		or within 1 tidal excursion	1	4	8			
Management practices			None	Secure	Unsecure			
Water contacts with	Any processing	plant discharging into adjacent waters						
processors	7		0	1	2		0	
On farm processing within	No on farm pro	cessing		1				
the rules of the directive	Processing own	n fish (re-cycling risk)	0					
	Processing fish	from MS of equivalent status	2	-			_	
		from zone or compartment of					_	
	equivalent statu		4					
	Processing fish	from Category III farm	8					
	Processing fish	from Category V farm	10					
Disposal of fish and fish by-	Site's own wast	e only processed.	0				0	
products	Common proce	sses with other farms	3					
	Collection point	for waste from other farms	5	1				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	l 0	<u>,</u>]			0	
oco or unpactourious roudo	Feeding unpas	•	5				-	
Biosecurity		Number of sites] 2 or 3	≥4			
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0	
	Sites sharing st	aff and equipment	0		2		0	
Disinfection of equipment	Yes		0					
between sites, use of	No		0	•				
footbaths etc			1	J				
CoGP/Regulator Practices in accordance	Yes			1				
with regulator or industry			0					
code of practice	No		3				3	
Platform access to cages	Yes		1 ^	1				
r lationin access to cages	No		0					
	INU			J				
					Total		34	
					Rank		HIGH	

Case No:	2019-0131		Sit	te No:	FS0504	
Sea Lice Inspection (9	Seawater Sites Only) nced sea lice problems	in the previous 4 years	6?			
•	lanagement Area (or ed	•		single ye	ear class basis?	
azamethiphos and ema	access to a range of lice amectin benzoate) as v in a reasonable period cumented farm manage equivalent)?	vell as access to suitab of time?	le biological and	l/or mech	hanical control measu	ires, and
5. Are sea lice count re	ecords available for insp	ection? (Legal SSI, Co	GP Annex 6)			
6. Do records adequate	ely reflect the required s	standard specified in th	e SSI and the Co	oGP? (L	egal SSI, CoGP Anne	ex 6)
7. Are sea lice (<i>L. salm</i> records are inspected?	nonis) record levels belo (CoGP Annex 6)	ow the suggested criter	ia for treatment	in the Co	oGP during the period	that
8. Have average adult records are inspected?	female sea lice (<i>L. saln</i>	nonis) numbers per fish	n been at a level	of 3 or a	above during the perio	od that
If yes, have these beer	reported to the Fish H	ealth Inspectorate? If n	o, FHI see comr	ment.		
9. Is C. elongatus infes	station at a level which	is considered to cause	significant welfa	re proble	ems? (CoGP 4.3.81, 5	5.3.50)
	reatments been administreatment or where <i>C. e.</i>					
11. Has any other action	on been taken (where a	pplicable)?				
•	eatments or the actions		it impact upon th	e lice lev	vels recorded?	
13. Are treatments, wh	ere conducted, carried	out in cooperation betw	veen participating	g farms?	•	
14. Is there a harvestin sea lice?	ng strategy for the site, with the site, with the site, with the site of the site, with the site of the site, with the site, w	where fewer population	s or part populat	tions are	held without treatmen	
	scalation of a sea lice in		aypoints describ	ing set a	ictions to dear with rec	Joginsed
16. Do the sea lice leve	els observed on stocks	reflect sea lice count da	ata? If no please	e detail re	easons.	
2. Are measures in pla	ion nced equipment damag ce to mitigate against the est controllers, site in	ne predation experience	•	•	•	N Y
If other, detail below:						
If Yes proceed with que	ents or events been exp estions 4 – 9. If No skip ported to Scottish Minis	to question 10	cinity of the site	since the	e last FHI inspection?	N
5. Have these been rep	ported to local DSFB for	rthwith (where they exis	st)? (CoGP – 4.4	4.37, 5.4	.17)	
6. Have these been rep	ported to the SSPO and	l local fisheries trusts fo	orthwith (where the	hey exist	t)? (CoGP – 4.4.37, 5	.4.17)
7. Were methods (if an	y) used to recover esca	apees? If yes give detai	il			
8. If gill nets were deple	oyed was this action ag	reed with local wild fish	interests and w	as perm	ission given by Scottis	sh
Ministers? (Legal, CoG		10007 1110	Joile dire W	551111		
9. What action was tak	en to prevent and minir	mise the risk of further e	escapes? (Not co	overed in	n code but could	
be considered unde	r satisfactory measur	es of the Act)				
10. Is the site inspected	d as satisfactory with re	gards to containment?	If no, please de	tail reaso	on(s)	Υ

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Case No:	2019-0131			Date of visit:	25/03/2019				
Site No:	FS0504			Inspector:	PMM	l			
Results Summary	Freq.			Date of Notification					
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
Report Summary									
Case Type	Date	Inch	ond In on						
		Insp	2 nd Insp						
ECI, CNI, VMD	29/03/2019								





Grieg Seafood Shetland Ltd (Hatchery) Gremista Lerwick Shetland ZE1 0PX

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0557Date of Visit 25/03/2019Site NoFS0504Site NameGirlsta HatcheryInspectorCase No20190131

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.

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.

Fish Health Inspector

Signed:

Date: 29/03/2019

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

FHI 059, Version 12	Iss	ued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0132			Date of visit: 25/03/2019
Time spent on site:	r	Main Inspect	or:
Site No: SS0915 Business No: SB0546	Site Name: Business Name:	Brakkatun Beach I.B.A Fishing Ltd	
Case Types: 1 ECI 2	3	4 5	6
Water Temp (°C): 7	Thermometer No:	T152	FHI 045 completed N
Observations:	Region: SH	Water type: S	CoGP MA:
Dead/weak/abnormally behaving for Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	· ·	N If yes, see additional info	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.
UNI/REG only - if unable to carry of	out intended visit detail re	ason below:	

Additional Case Information:

Planning to level the foreshore and install 3 further tanks. Each tank will hold plastic trays that are stackable depending upon the tonnage being held. All stock will be for the Spanish market and will hopefully hold stock for the christmas market.

Currently unable to market the stock on site due to an incident where the local primary school heating system had a leak of oil and this is leaching into the Aith Voe, the local authority have placed signage around village and area, notifying the public of the spillage. This occured in September 2018 and site manager is hoping to be given the all clear from FSS to recommence operations at the site.

No other issues noted or observed. All stock is collected from the shoreline around Aith Voe or near by islands.

Inspection and paperwork completed by under supervision.

FHI 059, Version 12			Issı	ued by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0132		Site No:	SS0915	5			
Date of Visit:		25/03/2019)		Inspector(s)):]
Registration/Authornal 1. Business/site det 2. Changes made to	ails summary		site represent	ative?			Y N	}
Site Details								
Total No facilities		1 tank	Facilities sto	ocked	1 tank	No faciliti	ies inspected	1 tank
Species	PEE							
Age group	Wild caught							
No Fish	200kg							
Mean Fish Wt	Mixed							
Next Fallow Date (S	Site)	No plan to fa	allow	Next Input Da	ate (Site)	Unsure (s	see additional	comments)
Recent (last 4 wks)	disease probl	ems?		N	Any escape	es (since las	t visit)?	N
If yes, detail:	uiscase presi	51113:			Tilly Cooupe	3 (31100 140	t violt):	14
Movement Record	s							
Movement record		r inspection?						Y
2. Date of last inspe		Порослог					First Inspec	
3. Are records comp		ectly entered	?				1 1100 11.10	Y
4. Are movement re		•		?				N/A
5. Are records comp								N/A
6. Are health certific		•		able?				N/A
Transport Records	3							
1. Are any moveme	nts carried ou	t by (or on be	half) of the b	usiness (not us	sing a STB)?			Y
If yes, is there a sys								Y
Mortality Records								
1. Mortality records	available for in	nspection?						N/A
2. How are mortalities		•			Other (deta	iil)		
If other detail:		r 25kg dispos	ed of in hous	sehold waste, ai	ny shells with	nout animal	tissue are disc	carded on the
3. Mortality records	beach.	correctly ent	orod?					N/A
4. Recent mortality	•	Correctly ent	N/A					14/7
5. Evidence of recei	•	typical morta						N/A
If yes, facility nos/no		•		y/reason:				
6. Any other peaks i	in mortality du	ring period ch	necked?					N/A
If yes, detail:								
7. Have increased (•	mortalities be	en reported t	o vet or FHI?				N/A
If yes, detail action:			214					NI/A
8 Have 'mortality as	Jante' haan ra	norted to FHI	1 bbs add N	ART case and a	antar on mor	tality avante	chaat	N/A

Results of Surveillance

If no, detail:

aquaculture animals held on site?

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

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

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

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

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

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

Records checked between: First inspection

Casa Na	2040 0422			D. ((05/00/0040			
Case No:	2019-0132			Date of visit:	25/03/2019			
Site No:	SS0915	Inspector:						
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	29/03/2019							





I.B.A Fishing Ltd Brakkatun Aith Bixter Shetland ZE2 9ND

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0546Date of Visit25/03/2019Site NoSS0915Site NameBrakkatun BeachInspectorCase No20190132

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

No mortality had been observed on site since the site was registered with Marine Scotland.

No animal health surveillance had been carried out on behalf of the business and/or Marine Scotland since the site was registered with Marine Scotland.

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

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



Signed: Date: 29/03/2019

Fish Health Inspector

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

FHI 059, Version 12		Issued by: FHI	Date	of issue: 08/10/2018				
Case No: 2019-0134			Date of visit:	27/03/2019				
Time spent on site:	hrs	Mai	in Inspector:					
Site No: FS0637 Business No: FB0095	Site Name: Business Name:	Stead of Aithness Cooke Aquaculture S	Scotland Ltd					
Case Types: 1 ECI	2 CNI 3 SLA	4 VMD 5	6	ב				
Water Temp (°C): 7.5	Thermometer No:	T152	FHI 045 com	npleted				
Observations:	Region: SH	Water type:	S CoGP MA	A S-8b				
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N N								
UNI/REG only - if unable to carry out intended visit detail reason below:								

Additional Case Information:

Lice skirts fitted on all cages, but these may be removed when fish reach a larger size.

Staff currently doing fortnightly visits to neighbouring sites (SSF and GSS) to observe lice counts and share lice data.

Remaining 4 cages will be stocked in the near future when the current stock are graded.

Operator may use the Lee of Burrafirth site in the future, yet to be confirmed.

Freshwater treatment conducted for AGD ~2 weeks ago and found to be effective.

Observed sea lice counts for each cage. 10 fish sampled per cage and zero lice observed on any fish.

Inspection, paperwork and VMD sampling done by under under supervision.

FHI 059, Version 12			Iss	ued by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0134]	Site No:	FS0637	7			
Date of Visit:		27/03/2019	Э		Inspector(s):]
Registration/Autho								
1. Business/site deta		checked by s	site represent	tative?			Y	
2. Changes made to	details?						Υ	
Site Details								
Total No facilities		12	Facilities sto	ocked	8	No facilitie	es inspected	12
Species	SAL							
Age group	2018 S0.5							
No Fish	598,209							
Mean Fish Wt	723g							
Next Fallow Date (S	ite)	June/July 20	020	Next Input Da	ate (Site)	Septembe	er 2020	
Recent (last 4 wks)	disease prob	lome?			N Any escapes	c (since last	wieit)?	N
If yes, detail:	Jisease press.	ems:			Ally Cocapos	(Silloc last	VISIL):	IN
•								
Movement Records								V
Movement record Data of local income.		r inspection?					20/44/2047	Y
2. Date of last inspec		-the entered					08/11/2017	V
Are records comp Are movement records.		•						·
 Are movement red Are records comp 								·
6. Are health certifications				lable?				N/A
Transport Records		10.0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	u.i.c.				
Are any movement		it by (or on be	ehalf) of the b	usiness (not us	sing a STB)?			Y
If yes, is there a syst				•				Y
Mortality Records								
Mortality records a	available for i	inspection?						Y
2. How are mortalitie		•			Whole fish -	TWMA (Sh	etland)	
If other detail:								
3. Mortality records of	complete and	correctly ent						Y
4. Recent mortality ((last 4 wks);			19 (382, 0.06%). b 20/03/19 (867.				3/19 (1,071,
5. Evidence of recen		atypical morta	, , ,	20/00/10 (2	, 0.1470/	33 WIIC.C	5.	N
If yes, facility nos/no		• •		v/reason:				
	1,100		Act p =	11.5				
6. Any other peaks in	n mortality du	ıring period c	hecked?					Y
	•			7 (39,791 (10%	•		* * * * * * * * * * * * * * * * * * * *	
1-1-0-				ful zooplankton	i. Second spik	e in Januar	y 2019, rose t	to 42,169
If yes, detail:		whole site, a						V
7. Have increased (u								1
If yes, detail action: 8. Have 'mortality ev				nd suspected jel			-bact	V
o. Have mortality ev	ents been re	ported to Fire	1? II IIO, auu r	VIR I case and	enter on morta	ality events :	sneet.	1

Results of Surveillance

If no. detail:

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

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

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

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

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

2. If yes, are results available for inspection?

health status, certification if required)?

aquaculture animals held on site?

3. Any significant results?

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

Winter sores in January 2019

Records checked between:

08/11/17-27/03/19

ГГ	11 059, Version 12							155	ued by: FF	11			
	Case no:	2019-01	134	Site No:		FS0637			Date of vis Sampling:		27/0	03/2019	27/0
	Priority samples:	VI		ВА		PA		MG		н		l	
	Time sampling starts/ends:		0:00		5:00		Inspecto	or:		-1	VMD No	o.	8
	Environmental conditions:	1	Dry	2	Windy	3		4	_	5			
	Summary samples	HIST		ВА		MG		VI	P	4		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	F1	F2	F3-4									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	700g	700g	700g									
	Sex	N/A		N/A									
	Water Type	SW	SW	SW									
k Details		Haweswater	Haweswater	Haweswater									
Stock	Stock Origin Facility No												
S	racility NO	1	3	4									

03/2019	Additional Sample Information: Fish killed by percussion blow to the head.												
0	0 Total Tests assigned 0												

FHI 059, Version 12		Issued by: FHI			Date o	of issue	: 08/10/2018
Case Number:	2019-0134		Site No:	FS0637		Insp:	
Date of Visit	27/03/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or ncluding third country	0	9	18	26	
	Number of sup		0		10	14	0
Movements off	Frequency of n	novements off	1 0	3	6	10	0
	Number of des		0		6	10	0
Exposure via water		Site contact	s 0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	,	0				
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		ш
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		ш
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent water	s 0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				
	Processing ow	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	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				0
products	Common proce	esses with other farms	3	3			ш
	Collection poin	t for waste from other farms	5	5			
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	- 			0
	Feeding unpas	teurised feed	5				-
Biosecurity		Number of site	s 1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1	1			ш
CoGP/Regulator				•			
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0	1			0
	No		2				
					Total		3
					Rank		LOW

		•							
Case No:	2019-0134		Site No:	FS0637					
Sea Lice Inspection (Seawater Sites Only)								
	••	in the previous 4 years?	?						
2. Is the CoGP Farm M	lanagement Area (or e	quivalent) fallowed sync	hronously on a single y	ear class basis?					
azamethiphos and ema	amectin benzoate) as			cluding deltamethrin, hanical control measures, a	nd				
can these be deployed 4. Is there a signed doo Management Area (or e	cumented farm manage	ement agreement or stat	ement relevant to the s	ite and CoGP Farm					
5. Are sea lice count re	cords available for ins	pection? (Legal SSI, Co	GP 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 records are inspected?	· ·	monis) numbers per fish	been at a level of 3 or a	above during the period that					
If yes, have these been	reported to the Fish H	lealth Inspectorate? If no	, FHI see comment.						
9. Is C. elongatus infes	station at a level which	is considered to cause s	ignificant welfare proble	ems? (CoGP 4.3.81, 5.3.50)					
				levels have exceeded the ions? (CoGP 4.3.82, 5.3.51)					
11. Has any other actio	on been taken (where a	applicable)?							
•	•	* * * * * * * * * * * * * * * * * * * *	impact upon the lice le	vels recorded?					
Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? Are treatments, where conducted, carried out in cooperation between participating farms?									
4. 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 leve	els observed on stocks	reflect sea lice count da	ta? If no please detail re	easons.					
Containment Inspecti	on								
1. Has the site experier	nced equipment dama	ge due to predators in the	e current or previous pr	oduction cycles?	N				
2. Are measures in place	ce to mitigate against t	he predation experience	d on site? (Detail below	')	Υ				
Tension nets, top net	ts, ADD, MML								
If other, detail below:									
3. Have escape incide	nts or events been exp	erienced on or in the vic	inity of the site since the	e last FHI inspection?	N				
If Yes proceed with que 4. Have these been rep	•	•							
5. Have these been rep	oorted to local DSFB fo	orthwith (where they exist	;)? (CoGP – 4.4.37, 5.4	J.17)					
6. Have these been rep	oorted to the SSPO and	d local fisheries trusts for	thwith (where they exis	t)? (CoGP – 4.4.37, 5.4.17)					
7. Were methods (if an	y) used to recover esc	apees? If yes give detail							
9. If all pote were deale	avod was this sation -	arood with local wild field	intercete and was name	sission given by Seetlish					
8. If gill nets were depict Ministers? (Legal, CoG		greed with local wild fish	interests and was perm	iission given by Scottish					
, -	•	mise the risk of further es	scapes? (Not covered in	n code but could					
be considered under		_	,						
	•	egards to containment? I	f 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: 2019-0134	Site No: FS0637	
Date of Visit: 27/03/20	19 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 Far	m Management Agreements and Statements	
3. Is the current FMAg/S available for4. Does the FMAg/S identify the relev5. Does the FMAg/S identify the fish to	vant farm management area? farm site(s) to which it applies? of commencement of the agreement or statement of review?	Y Y Y
8. Does the FMAg/S identify the mining farm? 9. Does the FMAg/S identify the vaccion 10. Does the FMAg/S identify the special 11. Does the FMAg/S identify the maindividual farm?	mum health standards for the stocks to be introduction requirements for stocks held in the area of ecies of fish which may be stocked into the area of ximum stocking density of any pen on any farm in angements for the storage and disposal of any de	r farm? Y r farm? Y the area or the
Arrangements for The Managemen	nt of Sea Lice	
13. Does the FMAg/S identify arrange	ements for the sharing of data on sea lice number	rs and treatments?
of statement? 15. Does the FMAg/S identify any red	ailability and the use of medicines on farms covered	
used on farms in the area or individua	cumstances under which biological controls and cl	leaner fish are to be
Live Fish Movements	angements for synomonous treatments of farms	The area :
area or farm?	cumstances when live fish may be introduced or re	

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Harvesting		
20. Does the FMAg/S identify acceptable	harvest practices on farms in the area or indi	vidual farms?
Fallowing		
21. Does the FMAg/S identify the dates by date when a farm or area may be restocked	y which the area or individual farm will be fallo	ow and the earliest Y
22. Does the FMAg/S identify whether one agreement or statement?	e or more year classes may be stocked onto	sites covered by the Y
23. Does the FMAg/S identify whether bro covered by the agreement or statement?	podstock or potential broodstock are to be kep	pt on any site
Point of Compliance for Farm Manager	nent Agreements Only	
24. Does the farm management agreement parties to the agreement?	nt include arrangements for persons to becor	me, or cease to be,
Management and operation		
25. Is the fish farm being managed and op	perated in accordance with the agreement or	statement?
26. What is the version no/date of issue of	f the FMAg/S? 01/09/2019	

Site No: FS0637

Case No: 2019-0134

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

Case No: 2019-0134 Site No: FS0637

Date of visit: 27/03/2019 Inspector(s):

Point for consideration Risk level Satisfactory? Requirement Comments and advice given or action taken if necessary

ENHANCED SEA LICE INSPECTION CHECKLIST

a. Inspection of sea lice records								
1.1 Are sea lice count records available for inspection?	Medium	Υ	CoGP 1.2.1, 1.2.2,					
1.2 Do records adequately reflect the required standard specified in	Low & Medium	Υ	Annex 6					
the SSI ¹ and the CoGP ² ?			SSI 1,2,					
(Counts should be weekly, record the person making the count, date								
of the count, number of fish sampled (should be 25), pen or facility								
number recorded, water temperature ³ , number of parasites observed								
and correct stages recorded ⁴								
1.3 Where weekly counts are not conducted is the reason for not	Low	Υ	SSI 1,2(g)	Not conducted during treatments, notification to regional manager				
conducting the count stated?								
1.4 Is that reason considered acceptable by the Inspector? Give	Low	Υ						
detail.								
1.5 Has the site experienced sea lice problems in the previous 4		N	Detail if necessary:					
years?								
b. Inspection of records relating to treatment and control of sea li	ce							
2.1 Has appropriate action been taken where:								
a) L. salmonis record levels have been above the suggested criteria for treatment?	High	Υ	CoGP Annex 6					
	Litala	NI/A	O-OD 4 2 04 E 2 E0					
 b) C. elongatus infestation is at a level considered to cause significant welfare problems 		N/A	CoGP 4.3.81, 5.3.50					
2.2 Is therapeutic treatment initiated ASAP where required?	Medium	Υ	CoGP 4.3.130, 5.3.84					
2.3 Where medicines have been administered there should be a			VMD ¹² 19					
record of :			SSI 1,3					
the name / identity of the product	High	Υ						
the date of administration	High	У						
the quantity (concentration and amount) administered	High	У						
the method of administration of the product	High	У						
the identification of the fish / facilities treated	High	У						
name of the person administering the treatment	Low	У						
the withdrawal period	Medium	У						
2.4 If the medicine is administered by a veterinary surgeon:			VMD 18					
the name of the veterinary surgeon	•	N/A						
name of the product	_	N/A						
batch number	High	N/A						

•		issued by		
Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
the date of administration	High	N/A		
amount administered	High	N/A		
identification of fish treated	High	N/A		
withdrawal period	Medium	N/A		
2.5 Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?	High	Υ		
Inspect records to confirm. Significant impact - ≥50% reduction in site average <i>L.salmonis</i> numbers (all stages)				
2.6 If other methods are employed on site to control sea lice and their impact is there a record of:	Low	Y	SSI, 1,4	Freshwater treatments and hydrolicer treatments
the nature and date of the method employed; the identification number of all facilities subjected to the method; the name of the person employing the method				
2.7 Where medicines have been acquired is there a record of:			VMD 19	
proof of purchase of the medicine concerned	Medium	Υ	VMD 17	
name of the product	High	Υ		
batch number	High	Υ		
the date of purchase	Medium	Υ		
the quantity purchased	High	Υ		
the name and address of the supplier	Medium	Υ		
2.8 Where medicines have been disposed is there a record of:			VMD 19	
the date of disposal	Medium	N/A		
the quantity of product involved	Medium	N/A		
how and where it was disposed of	Medium	N/A		
2.9 Are veterinary health plans available which detail bio-security protocols, preventative measures and treatments in relation to sea lice?	Medium	Υ	CoGP 4.3.129, 5.3.83	
Consider the following points over a percentage of treatments conducted on site				
2.10 Has the recommended course of treatments been completed?	Medium	Υ	CoGP 4.3.134, 5.3.88	
2.11 If not, is there a recorded acceptable reason for not completing treatment?	Medium	N/A	CoGP 4.3.135, 5.3.89	
2.12 Was advice taken from the Veterinary surgeon in such circumstances?	Medium	N/A	CoGP 4.3.135, 5.3.89	
2.13 Are there clear written instructions regarding medicine use, available to those responsible for treatment administration?	Medium	Y	CoGP 4.3.133, 5.3.87	

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
2.14 Does the site have treatment discharge consents relevant to sea		Υ	Detail if necessary:	,
lice?			· ·	
c. Inspection of records relating to farm management groups and	farm managen	nent agreements		
3.1 Is there a nominated farmer acting as coordinator and point of	Low	Υ	SSI 1,5,b	
contact for this farm or area inclusive of this farm?			CoGP 4.3.75, 5.3.44	
3.2 Is there a written undertaking that the farm will observe the	Low	Υ	CoGP 4.3.76, 5.3.45	
provisions of the NTS ⁶ ?				
3.3 Has an area group been formed within the area containing the site?	Medium	Υ	CoGP 4.3.77, 5.3.46	
3.4 Does the remit of the area group have appropriate veterinary	Medium	Y	CoGP 4.3.77, 5.3.46	
involvement? Consider: -agreed basis for monitoring sea lice			SSI 1,5, c	
-agreed basis for monitoring sea lice -coordinated monitoring and treatment				
-co-operation between participating farms				
This may require follow up investigation conducted off site to				
determine				
3.5 Are records available of any decisions made by the FMG in	Low	Y	SSI 1, 5, c	
relation to the prevention, control and reduction of parasites?				
3.6 Where treatments have been administered is this done in	Medium	Υ	4.3.82, 5.3.51	
accordance with principles to maximise the effectiveness of				
treatments, promote the minimal use of medicines consistent with the				
maintenance of high standards of fish welfare and help preserve their efficacy?				
For example, the principles of ISLM include:				
Resistance monitoring – reporting suspected adverse drug event				
(SADE) to the VMD.				
The steps to determine if resistance is considered a reason for a				
suspected lack of efficacy (e.g. Bio-assay tests and results, seeking				
veterinary advice)				
Appropriate discharge consent in place				
Use of authorized medicines with veterinary instruction and advice as				
necessary Monitoring lice numbers				
Using an array of treatments where possible				
Treating all stocks on site at the same time				
Avoiding the simultaneous use of different active ingredients				
Avoiding consecutive treatments of the same active ingredient, and				
certainly not on the same cohort of lice				
Routine removal of moribund fish and regular removal of mortalities.				
2.7 And wealth manifesing regular communicated to all and an ex-	Llieda	V	CoCD 4 2 70 5 2 47	
3.7 Are weekly monitoring results communicated to other farmers within the defined area?	High	T	CoGP 4.3.78, 5.3.47	
within the defined area:				

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
3.8 Is this done 'as soon as reasonably possible where lice numbers exceed the suggested criteria for treatment?	High	Υ	CoGP 4.3.79, 5.3.48	
3.9 Is sea lice data and other information relevant to the management of sea lice provided to the SSPO?	Low	Υ	CoGP 4.3.80, 5.3.49	
3.10 Are annual review meetings held by FMA groups to evaluate site performance against set criteria?	High	Υ	CoGP 4.3.83, 5.3.52	
3.11 Is there a signed documented farm management agreement or farm management statement relevant to the site and CoGP Farm Management Area (or equivalent)?		Υ	AFSA ¹³ 4A Detail if necessary:	
3.12 Are up to date copies of FMS available from other APB operating within the same FMA?	Medium	Υ	CoGP 4.3.88, 5.3.57	
3.13 Are significant changes to FMS notified to other companies within the FMA?	Medium	Υ	CoGP 4.3.89, 5.3.58	
3.14 Is there co-operation between APB's operating within the FMA in the development and implementation of FMAg?	Medium	Υ	CoGP 4.3.90, 5.3.59	
3.15 Are copies of FMS or FMAg available for inspection?	Medium	Υ	AFSA 4B	
3.16 Does the FMS or FMAg take into account the relevant aspects regarding a sea lice control strategy?	Medium	Υ	CoGP 4.3.91, 5.3.60	
3.17 If the FMA has been redefined, is there documented evidence to demonstrate that the risks to health within and outwith the area is not increased by the proposal?	High ¹⁰	N/A	CoGP 4.3.92, 5.3.61	
3.18 Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?	High	Υ	CoGP 4.3.100	
3.19 If answered no to 3.18, then is there a documented risk assessment which meets the requirements of CoGP point 4.3.101?	High	N/A	CoGP 4.3.101	
d. Inspection of records relating to training and procedures			<u> </u>	
4.1 Is there a training programme or plan in place relevant to sea lice control for the site?	High	Υ	CoGP 7.1.8	
4.2 Are training records available for relevant staff in relation to:			CoGP 4.1.6, 5.1.6 SSI, 1,1	
parasite identification	High	Υ	CoGP 4.3.84-86,	
counting parasites (procedures for)	High	Υ	5.3.53-55	
recording counts	High	Υ		
biology and life cycle of parasites	Low	Υ		
symptoms of parasite infection in fish	Low	Υ		
4.3 Have staff been trained in the administration of treatments?	High	Y	CoGP 4.1.6, 5.1.6 CoGP 4.3.84, 5.3.53	

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
N.B. there is no legal requirement to maintain a record of this				
Where records exist regarding SOPs and site procedures these should be inspected to confirm suitability				
e. Inspection of site and site stock				
5.1 Are medicines used, stored and disposed of safely?	Medium	Υ	VMD schedule 5	
5.2 Do the sea lice levels observed on stocks reflect sea lice count	High	Y	Time concadio c	
data?	J			
Refer to section e) of guidance notes				
5.3 Does the site appear satisfactory in terms of fish welfare relating	High	Υ		
to sea lice infestation?				
f. Inspection of farm count procedures		.	In an .	
6.1 Are pens and fish sampled at random?	Low	Y	CoGP Annex 6,	
6.2 Have the personnel conducting counts had appropriate training in lice recognition and recording?	High	Y	4.3.84-86, 5.3.53-55	
(Cross reference to training records – Section d)				
6.3 Can such personnel demonstrate post training competence?	High	Υ	CoGP 4.3.85, 5.3.54	
6.4 Do the sample sizes and methods of sampling match the CoGP suggested protocol (detailed iii – vii)?	Medium	Υ	Annex 6	
N.B. Other strategies are acceptable if considered adequate in the control and reduction of sea lice				
6.5 Is identification and recording of sea lice count information	High	Y	Annex 6	
including species and stages observed to be correct?				
Minimum recording requirements within the CoGP and NTS are:				
for Caligus elongatus all identifiable stages and for Lepeophtheirus salmonis chalimus, mobiles and adult females (with or without egg				
strings) ¹¹	N.A. officers	V	4	
6.6 Is the transfer of data from field counts to records observed to be satisfactory?	Medium	Y		
g. Inspection of treatment administration procedures				
7.1 Are treatments considered to be administered in an appropriate competent manner?	High	N/A		No treatment observed.
Consider appropriate use of tarpaulins; completion of medication per prescription, correct concentrations, mixing and administrations,				
appropriate product used				
7.2 Is accurate information provided to the attending veterinary	High	Υ	CoGP 4.3.131, 5.3.85	
surgeon for dosage calculation?	3			
7.3 Are the fish under consideration being given any other medication,		Υ		In withdrawel for TMS for lice counts.
or are they in a withdrawal period for any other medication?				

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
7.4 If so, has the prescribing veterinary surgeon been informed of this?	Medium	Υ	CoGP 4.3.132, 5.3.86	
7.5 Are clear instructions for medication, dosage and administration communicated to the staff responsible for treatment?	High	Y	CoGP 4.3.133, 5.3.87	

Additional actions	Powers	Comments and advice given or action taken if necessary
h. FHI sea lice counts If necessary conduct a sea lice count in accordance with the protocol of the CoGP. Indicate where this procedure has been done and make a record of results within the comments box	Power granted under the Act – section 3 (2) (a)	
i. Collection of samples If necessary collect samples. Indicate if samples have been taken and detail what those samples are and the purpose of their collection	Power granted under the Act — section 3 (3) (a)	
j. Enforcement Notice. If an enforcement notice has been issued then maintain a copy / duplicate and record detail Guidance on completing the Enforcement Notice	Power granted under the Act – Section 6 (2)	

- [1] Scottish Statutory Instrument The Fish Farming Businesses (Record Keeping) (Scotland) Order 2008
- [2] A Code of Good Practice for Scottish Finfish Aquaculture
- [3] Water temperature to be measured at the half way point of the depth of the facility containing the fish, or as close to as possible. For SW cage sites one reading per count may be s
- [4] Recording requirements:- for C. elongatus all identifiable stages and for L. salmonis mobiles and adult females (with or without egg strings)
- [5] Area refers to management area as specified within Part 3 of the industry CoGP or as redefined appropriately
- [6] For reference Annex 6 of the CoGP provides the detail of the NTS
- [7] FMA = Farm Management Area
- [8] FMS = Farm Management Statement
- [9] FMAg = Farm Management Agreement
- [10] No further action may be required when answering no to this point and yes to 3.18
- [11] Legal recording requirements within the SSI stipulate for Caligus elongatus: mobiles; and for Lepeophtheirus salmonis: non-gravid mobiles and gravid females.
- [12] VMD The Veterinary Medicines Regulations 2013 (SI 2013 No 2033)
- [13] AFSA Aquaculture and Fisheries (Scotland) Act 2007 (as amended)

Case No:	2019-0134	Date of visit: 27/03/2019										
Site No:	FS0637	1		Inspector:		1						
Results Summary	Freq.			Dat	te of Notificat	tion						
		Database	Insp		Insp	Writing	Insp	2 nd Insp				
	<u> </u>											
	├											
	╄											
Report Summary				1								
Case Type	Date	Inco	and I									
Case Type	02/04/2019	Insp	2 nd Insp									
ECI, CNI, VMD SLA	02/04/2019											
SLA	02/04/2019											
	_											
	 											
	 											
	+											
	 											
	 											





Cooke Aquaculture Scotland 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 NoFB0095Date of Visit27/03/2019Site NoFS0637Site NameStead of AithnessInspectorCase No20190134

ENHANCED SEA LICE INSPECTION

An enhanced sea lice inspection to ascertain the levels of sea lice and for assessing the measures in place for the prevention, control and reduction of sea lice was conducted in accordance with the Aguaculture and Fisheries (Scotland) Act 2007.

The visit consisted of an inspection of records with regards to sea lice, the stock on site, site procedures with regards to sea lice and the provision of advice.

a) Inspection of sea lice records

The site meets the requirement of current Scottish industry best practice. There were no recommendations made and no further action is required.

b) Inspection of records relating to treatment and control of sea lice

The site meets the requirement of current Scottish industry best practice. There were no recommendations made and no further action is required.

c) Inspection of records relating to farm management groups and area management agreements.

The site meets the requirement of current Scottish industry best practice. There were no recommendations made and no further action is required.

d) Inspection of records relating to training and procedures

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

e) Inspection of site and site stock

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

f) Inspection of farm count procedures

An inspection of site staff conducting and recording a sea lice count was carried out. The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

g) Inspection of treatment administration procedures

Procedures were not inspected as a treatment was not taking place at the time of inspection. However, discussions on procedures with the company correspondent would suggest that the site meets the requirement of current Scottish industry best practice.

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

Signed: Date: 01/04/2019

Fish Health Inspector

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





Cooke Aquaculture Scotland 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 FB0095

SITE NO FS0637

SITE NAME Stead of Aithness

Paul Mal(a): 8 Nicola Little

Control No. 20100124

INSPECTOR Paul McKay & Nicole Little Case No 20190134

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.

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

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

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

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

• FS number missing from one entry (Fossoway) in the movements book. This was updated at the time of inspection and discussed with the site manager. No further action.

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.

An enhanced sea lice inspection was conducted. A separate report will be issued in due course.

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

Signed:

Fish Health Inspector

Date: 29/03/2019

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

FHI 059, Version 12		Issued by: FHI		Date of is	sue: 08/10/2018
Case No: 2019-0135			[Date of visit: 2	8/03/2019
Time spent on site: 5	hrs	M	lain Inspector:		
Site No: FS0515 Business No: FB0440	Site Name: Business Name:	North Papa Grieg Seafood She	etland Ltd		
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	DIA	6	
Water Temp (°C): 7.1	Thermometer No:	T152] [FHI 045 complete	ed N
Observations:	Region: SH	Water type:	S	CoGP MA	S-11
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see add	ditional informa	ation/clinical scor ation/clinical scor ation/clinical scor	re sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:			

Additional Case Information:

Optilicer brought in first week of February and first week of March to reduce sea lice numbers across site. Freshwater treatments have also been done, for next freshwater treatment the Ronja Superior will be used that has a larger well capacity allowing higher tonnages to be done each day. Operator has reduced the use of medicinal sea lice treatments in favour of mechanical and FW. Also authorised to hold lumpsuckers.

Lice skirts also used on all stocked cages.

Approximately 10 moribund fish observed across site with signs of physical damage (attributed to a recent optilicer treatment). 3 fish taken for diagnostic sample. Good visibility in cages at time of inspection (~4m).

Fish taken for VMD appeared healthy and feeding well.

Inspection, paperwork, F3 diagnostic and all VMD sampling completed by under supervision. F1 and F2 diagnostic completed by

FHI 059, Version 12	2		Issu	ied by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0135]	Site No:	FS0515	5			
Date of Visit:		28/03/2019	2		Inspector(s)	:]
Registration/Authoral Business/site det 2. Changes made to	ails summary		ite represent	ative?			Y N	}
Site Details			_					
Total No facilities		10	Facilities sto	ocked	4	No facilitie	es inspected	10
Species	SAL							
Age group	2018 S1							
No Fish	167,310							
Mean Fish Wt	3.19kg							
Next Fallow Date (S	Site)	October 201	9	Next Input Da	ate (Site)	January 2	2020	
Recent (last 4 wks)	disease probl	ems?			Any escape	s (since last	visit\2	N
If yes, detail:			/ FVG_antibio	otics prescribed		•	,	IN
Movement Record 1. Movement record 2. Date of last inspect 3. Are records com 4. Are movement records com 5. Are records com 6. Are health certifice Transport Records 1. Are any movement records 1. Are any movement records Mortality Records	ds available for ection: plete and corre ecords availab plete and corre cates for introd s ents carried ou	ectly entered? le for dead fis ectly entered? luctions (outw	th and waste? vith GB) availahalf) of the bu	able? usiness (not us	_		16/10/2018	Y Y Y Y N/A
Mortality records	available for i	nspection?						Y
2. How are mortaliti		•			Whole fish -	· TWMA (Sh	etland)	
If other detail:					•		,	
Mortality records Recent mortality Evidence of rece If yes, facility nos/no	(last 4 wks): nt increased/a	typical mortal	w/b 18/03/19 0.85%), w/b optilicer trea lities?					
6. Any other peaks	in mortality du	ring period ch	necked?					N
If yes, detail:	un avnlaina d	mortolitics I	on ron antacl t	o vot or FUID				NI/A
7. Have increased (• •	mortalities be	en reported to	o vet of FHI?				N/A
If yes, detail action: 8. Have 'mortality e		norted to EUI	2 If no ladd N	ART case and	enter on mort	ality events	sheet	V
o. Have mortality e	venus peemie	ported to FITI	: If flo, add iv	in Case and	enter on mort	anty events	SHEEL.	1

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
1. Recent treatments (last 4 wks)?		Y
If yes, detail: T.M.:	S.	
If other, detail:		
2. Medicines records available for inspe	ection?	Y
3. Are records complete and correctly e	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 insp	ection?	Y
•	ortality removal, recording and safe disposal bee	en considered?
• •	the APB will notify Scottish Ministers or veterina	
increased (unexplained) mortality at th	•	Y
,,,,		
	he event that the presence or suspicion of the pred when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture health status, certification if required)?	animals being stocked on the farm site been co	vered (equal or higher
•	measures implemented between each epidemio (movement of staff, visitors, equipment, live or d	
	the measures in place to maintain the physical	
8 Have the biosecurity procedures bee	n adequately implemented on site?	Y

Winter sores, not causing high losses at present

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

If no, detail:

Results of Surveillance

3. Any significant results?

2. If yes, are results available for inspection?

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

Records checked between:

16/10/18-28/03/19

Г	HI 059, Version 12							ISS	ued by: Fr	11			
	Case no:	2019-01	135	Site No:		FS0515			Date of vis		28/0	03/2019	28/0
	Priority samples:	VI		ВА		PA		MG		HI			
	Time sampling starts/ends: Environmental conditions:		0:00 Indoors		0:00] 3	Inspecto	or:		5	VMD No). [12
	Summary samples	HIST			Υ	MG	Υ	VI	Y P			Total Sa	imples
Α	dd Fish/Pools - click Pool/Fish No	I = 4	F0.	F2	D4								
Н		F1	F2		P1	4	_						
L	Fish nos	1	2	3	1-3	4	5						
Н	Pool Group	P1	P1	P1	0.41	0.41	041						
	Species	SAL	SAL	SAL		SAL	SAL						
	Average weight	3.2kg	3.2kg	3.2kg	3.2kg	3.2kg	3.2kg						
	Sex	CVA	CVA	CVA	CVA/	CVA	CIM						
	Water Type	SW	SW	SW	SW	SW	SW						
Stock Details		Loch Damph	Loch Damph	Loch Damph	Loch Damph	Girlsta Hatchery	Loch Damph						
S	Facility No	8	8	8	8	1	9						

03/2019	03/2019 Additional Sample Information:														
	Eye sampled from fish 1. Despatched by percussive blow.														
4	4 Total Tests assigned 3														

FHI 059, Version 12 Issued by: FHI Date of issue: 08/10/2018 Method of killing: Percussive Case no: Site No: FS0515 2019-0135 Inspector(s): Sheet Relevant: Y Date of visit: 28/03/2019 S for strong presence: M for medium presence: W for weak presence Time sampled after death (if > 45 minutes) External Signs Behaviour Moribund W Lethargic W W Hanging vertical Spiralling Flashing Loss of equilibrium Body Dark Distended abdomen Scale Oedema Opercula Shortened Flared Haemorrhaging Throat W Ventrum Base of fins Elsewhere Eyes Exophthalmic Enophthalmic (sunken) Cataract Haemorrhagic Gills S W Pale Zoned Necrotic Lesions Flank Elsewhere Vent Inflamed Trailing faeces Lice Load Estimate numbers Internal Signs Clear Ascites M M Bloody Oedema In tissues Heart Pale/anaemic Granulomas Deformed Liver Petechial haem Gross haem Tissue breakdown Enlarged Colour number(s) Granulomas Lesions Pyloric caeca Petechial haem M 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 Parasites present

Anaemia

General

Case no: 2019-0135

Date of visit: 28/03/2019

	nce: M for medium presence: W for	OF W	_					
Fish Number	d4h //£ \ AF it \		_					
	er death (if > 45 minutes)			_				
External Signs Behaviour	Moribund							
Dellavioui	Lethargic		_	_				
	Hanging vertical							
	Spiralling		_					
	Flashing							
	Loss of equilibrium		$\overline{}$					
Body	Dark							
	Distended abdomen							
	Anorexic							
	Scale Oedema							
Opercula	Shortened							
	Flared							
Haemorrhaging	Throat							
	Ventrum							
	Base of fins							
	Elsewhere							
Eyes	Exophthalmic							
	Enophthalmic (sunken)		_					
	Cataract							
Cilla	Haemorrhagic		_					
Gills	Pale			_				
	Zoned							
Lesions	Necrotic Flank		_	_				
Lesions	Elsewhere							
Vent	Inflamed							
Vent	Trailing faeces							
Lice Load	Estimate numbers		_					
Eloo Eouu	Estillato Hamboro							
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							
Dularia assa	Lesions Petachial beam							
Pyloric caeca	Petechial haem Tubules mauve							
	Lack of fat							
Spleen	Enlarged							
- PIOUII	Granulomas							
Gut	No food present							
	Yellow pseudo-faeces							
	External haem							
	Internal haem							
Body wall	Haemorrhaging							
Swim bladder	Haemorrhaging							
	Fluid filled							
Kidney	Swollen							
	Grey							
	Granular							
	Liquefied							
General								

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/201
Additional comments:		

FHI 059, Version 12		Issued	by: FHI			Date o	of issue	: 08/10/2018
Case Number:	2019-0135			Site No:	FS0515		lnsp:	
Date of Visit	28/03/2019			No of mo	ovements/s	upp./dest.		Score
Live fish movements				0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equiv	alent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equiv	alent zone or	0	9	18	26	
	Number of sup	ncluding third country		0	5	10	14	0
Movements off	Frequency of m			0	3	6	10	10
IVIOVEITIETIIS OII	Number of des			0	3	6	10	3
Exposure via water			Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	,		0				
susceptible to same diseases)	farms upstream	or in a coastal zone with or within 1 tidal excursion	n	1	2	4		2
	farms upstream	or in a coastal zone with or within 1 tidal excursion	n	1	3	6		
		or in a coastal zone with or within 1 tidal excursion		1	4	8		
Management practices				None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into ac	ljacent waters	0	1	2		1
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 st	atus	2				
	Processing fish equivalent state	from zone or compartme	ent of	4				
	Processing fish	from Category III farm		8				
	Processing fish	from Category ∨ farm		10				
Disposal of fish and fish by-	Site's own was	te only processed.		0				
products	Common proce	esses with other farms		3				3
	Collection poin	for waste from other farr	ns	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed		0				0
·	Feeding unpas	•		5				
Biosecurity		Nu	mber of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0	1	2		2
	Sites sharing s	taff and equipment		0	1	2		2
Disinfection of equipment	Yes			0				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				3
Platform access to cages	Yes			0				0
	No			2				
						Total Rank		27 HIGH

Case No:	2019-0135	Site No: FS0515						
Sea Lice Inspection (Seawater Sites Only)								
•	•	s in the previous 4 years?	N					
	-	quivalent) fallowed synchronously on a single year class basis?	Y					
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?								
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?								
5. Are sea lice count re	cords available for ins	pection? (Legal SSI, CoGP Annex 6)	Y					
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 during the period that records are inspected?								
If yes, have these been	reported to the Fish H	Health Inspectorate? If no, FHI see comment.	Υ					
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					
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	n been taken (where a	applicable)?	Υ					
•	•	s taken had a significant impact upon the lice levels recorded?	Υ					
•			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 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 leve	ls observed on stocks	reflect sea lice count data? If no please detail reasons.	Υ					
Containment Inspection	on							
 Has the site experien 	ced equipment dama	ge due to predators in the current or previous production cycles?	N					
2. Are measures in place to mitigate against the predation experienced on site? (Detail below)								
Predator nets, tension nets, top nets, MML								
If other, detail below:								
3. Have escape incider	nts or events been exp	perienced on or in the vicinity of the site since the last FHI inspection?	N					
If Yes proceed with que	stions 4 – 9. If No skip	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 reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)								
7. Were methods (if any	y) used to recover esc	apees? If yes give detail						
O If all noto were deal-	wod was this satisfact	ground with local wild fish interests and was normissing siven by Castilla						
Ministers? (Legal, CoGI	P – 4.4.38, 5.4.18)	greed with local wild fish interests and was permission given by Scottish						
9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could								
be considered under	•	·						
10. Is the site inspected	l as satisfactory with r	egards to containment? If no, please detail reason(s)	Y					

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12		Issued by: FHI	l	Date of issue: 08/10/2018		
Case No: 2019-013	5 Site No:	FS0515				
Date of Visit:	28/03/2019	Inspector:				
Point of Compliance						
1. Is the farm under inspect	tion located within a far	m management area	a?	Υ		
If N, no further questions re	quire completion.					
Points of Compliance for	Both Farm Managem	ent Agreements an	d Statements			
 Has a current farm mana Is the current FMAg/S av Does the FMAg/S identified 	vailable for inspection? y the relevant farm mar y the fish farm site(s) to y the date of commence	nagement area? o which it applies?		Y Y Y Y Y		
Arrangements for Fish He	ealth Management					
8. Does the FMAg/S identify farm?	y the minimum health s	tandards for the sto	cks to be introduced to the are	a or Y		
9. Does the FMAg/S identify the vaccination requirements for stocks held in the area or farm? 10. Does the FMAg/S identify the species of fish which may be stocked into the area or farm? 11. Does the FMAg/S identify the maximum stocking density of any pen on any farm in the area or the individual farm?						
		r the storage and dis	sposal of any dead fish from a	ny Y		
Arrangements for The Ma	nagement of Sea Lice	e				
13. Does the FMAg/S ident	ify arrangements for the	e sharing of data on	sea lice numbers and treatme	ents?		
14. Does the FMAg/S ident of statement?	ify the availability and th	ne use of medicines	on farms covered by the agre	ement Y		
15. Does the FMAg/S ident lice on farms in the area or		r the sensitivity testir	ng of available treatments for s			
	ify the circumstances u	nder which biologica	al controls and cleaner fish are	to be Y		
		r synchronous treatr	ments on farms within the area	a? Y		
Live Fish Movements						
area or farm?			e introduced or removed from to			

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Harvesting		
20. Does the FMAg/S identify acceptable	harvest practices on farms in the area or indi	vidual farms?
Fallowing		
21. Does the FMAg/S identify the dates by date when a farm or area may be restocked	y which the area or individual farm will be fallo	ow and the earliest Y
22. Does the FMAg/S identify whether one agreement or statement?	e or more year classes may be stocked onto	sites covered by the Y
23. Does the FMAg/S identify whether bro covered by the agreement or statement?	oodstock or potential broodstock are to be kep	pt on any site
Point of Compliance for Farm Manager	nent Agreements Only	
24. Does the farm management agreement parties to the agreement?	nt include arrangements for persons to becor	me, or cease to be,
Management and operation		
25. Is the fish farm being managed and op	perated in accordance with the agreement or	statement?
26. What is the version no/date of issue of	f the FMAg/S? 01/09/2019	

Site No: FS0515

Nature of non-compliance:

Action taken (FHI):

Case No: 2019-0135

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

Case No:	2019-0135			Date of vis	sit: 28/03/20)19					
Site No:	FS0515	l		Inspector:							
Results Summary	Freq.	Date of Notification									
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
MG AGDQ	0/3	03/04/2019				12/04/2019					
MG IHNQ	0/1	03/04/2019				12/04/2019					
MG IPN	1/1	03/04/2019				12/04/2019					
MG ISA	0/1	03/04/2019				12/04/2019					
MG PARA THER	1/3	03/04/2019				12/04/2019					
MG SAL POX	0/3	03/04/2019				12/04/2019					
MG SAV	0/1	03/04/2019				12/04/2019					
MG VHS	0/1	03/04/2019				12/04/2019					
GPAT	1/3	05/04/2019				12/04/2019					
HPAT	1/3	05/04/2019				12/04/2019					
AERH	1/3	05/04/2019				12/04/2019					
ASAL	1/3	09/04/2019				12/04/2019					
							1				
						_					
Report Summary											
Case Type	Date	Insp	2 nd Insp	7							
ECI, CNI, SLI, VMD	29/03/2019			4							
DIA	12/04/2019			-							
				4							
	+			4							
	+			4							
	+										
	+	 	1								
	+										
	+		1								
	+		1								
	+										





Grieg Seafood Shetland Ltd Gremista Lerwick Shetland ZE1 OPX

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0440Date of Visit28/03/2019Site NoFS0515Site NameNorth PapaInspectorCase No20190135

Section 1: Summary

During a routine inspection of the above site, a number of moribund and lethargic Atlantic salmon were observed. Three lethargic fish were removed for further examination and subsequent diagnostic sampling.

Histopathology examination revealed a systemic bacterial infection associated with *Aeromonas* sp. in one fish and confirmed by bacterial isolation as *Aeromonas salmonicida*, where the level and purity of *Aeromonas salmonicida* was significant in that fish.

Pooled real-time PCR (QPCR) results were positive for infectious pancreatic necrosis virus (IPNV). However, histopathology results were not consistent with IPN disease.

Due to gill health issues observed on site, samples were screened for *Neoparamoeba perurans*, salmon gill poxvirus (SPGV) and *Paranucleospora theridion* (syn. *Desmozoon lepeophtherii*) by QPCR and tested positive for *Paranucleospora theridion* and negative to the other two pathogens.

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

Section 2: Case Detail

Observations

During a routine inspection of the North Papa site, a number of moribund and lethargic Atlantic salmon were observed in a number of pens. Three lethargic fish were removed for further examination and subsequent diagnostic sampling. No significant mortalities had been reported since the last inspection, with 1,031 mortalities (0.61%) recorded for the week prior to the site inspection.

Externally, ventral haemorrhaging was observed in all three fish, with F1 and F2 displaying bilateral exophthalmia. The gills of F2 were zoned, while F1 and F3 were pale in colour.

Internally, bloody ascites were observed in F1 and F3, with F3 also displaying gross haemorrhaging in the liver and petechial haemorrhaging in the pyloric caeca. The spleen was enlarged in F1 and F2, with F1 displaying yellow pseudo-faeces. The gut of F3 was empty.

Samples

Samples were collected from 3 fish according to the table below:

Fish number	Pool number	Facility number	Species	Stage	Origin
F1-3	P1	8	Atlantic Salmon	~ 3.2KG / 2018 S1	Loch Damph

Results

Bacteriology: Kidney and gill material from F1-3 were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated from fish F3:

Aeromonas salmonicida (Kidney and Gill)

From the tests conducted, we do not have evidence of resistance to amoxycillin, oxytetracycline, sulphamethoxazole/trimethoprim or florfenicol.

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

Infectious pancreatic necrosis virus (IPNV)

Pool Number	Endogenous control Cp value	,	Cp Values		Reported Result (PCR)
P1	21.29	33.89	33.84	34.14	POSITIVE

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

Parasitology:

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

Paranucleospora theridion

Fish Number	Endogenous control Cp value		Cp Values		Reported Result (PCR)
F3	22.82	38.50	>40	37.11	POSITIVE

The samples tested negative for Neoparamoeba perurans (AGD).

Histology: Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from 3 fish. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

<u>Gill</u>: Multifocal presence of bacterial aggregates that stained Gram negative and congestion of the surrounded capillaries noted in F3. Scattered lamellar epithelial hyperplasia, some lamellar clubbing and irregular lamellar epithelial surface noted in all fish. Some free blood among gill filaments noted in F1 (likely associated with percussive stun).

<u>Skin and Muscle</u>: Occasional white skeletal fibre degeneration (F1) and small foci of red skeletal muscle haemorrhage (F3).

<u>Heart</u>: Several bacterial aggregates that stained Gram negative in spongy myocardium and also noted in the pericardium close to the bulbus (F3).

Gut and pyloric caeca: Within normal range.

Pancreas: Within normal range.

<u>Liver</u>: One bacterial aggregate colonizing a hepatic vessel, some scattered apoptotic cells, foci of thickness of hepatic serosa with associated bacterial aggregates noted in F3. The bacteria colonies stained Gram negative. Mild to moderate diffuse hepatocyte vacuolation noted in F1 and F2.

<u>Kidney</u>: F3 showed two distinct round shaped areas of hematopoietic tissue with associated rodshaped Gram negative bacteria (only head kidney).

Spleen: Within normal range.

Signed: Date: 09/04/2019

Fish Health Inspector

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





Grieg Seafood Shetland Ltd Gremista Lerwick Shetland ZE1 OPX

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0440
 Date of Visit
 28/03/2019

 Site No
 FS0515
 Site Name
 North Papa

 Inspector
 Case No
 20190135

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

Aquaculture animal and aquaculture animal product movement records were inspected and 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.

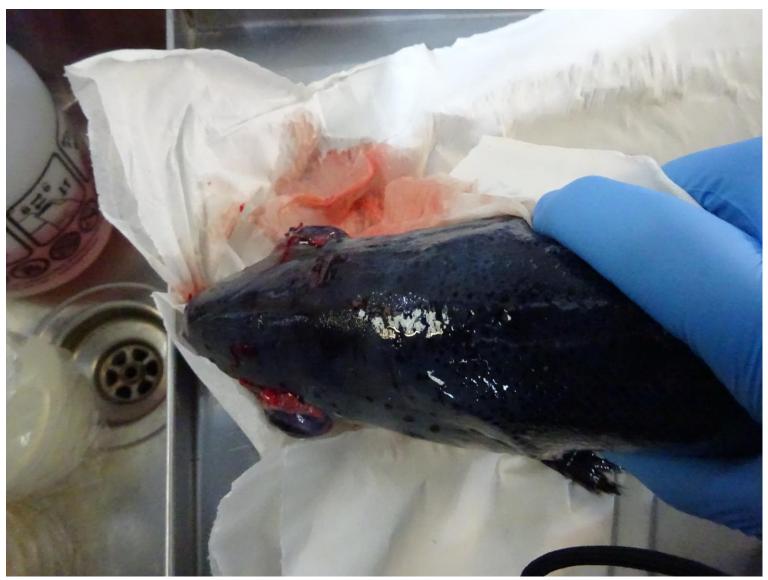
Signed: Fish Health Inspector

Date: 05/04/2019

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



2019-0135 - North Papa Fish 1-3



2019-0135 Fish 1 Bilateral Exophthalmia



2019-0135 North Papa – Fish 2 exophthalmia



2019-0135 North Papa – Fish 1 Gills



2019-0135 North Papa Fish 2 Gills



2019-0135 North Papa Fish 3 Gills



2019-0135 North Papa Fish 1 internal



2019-0135 North Papa Fish 2 Internal



20190135 North Papa Fish 3 Internal

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018			
Case No: 2019-0136			Date of visit: 27/03/2019			
Time spent on site:	hours	Main	Inspector:			
Site No: FS0430 Business No: FB0125	Site Name: Business Name:	Nevis A Scottish Sea Farms L	td			
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6			
Water Temp (°C): 8.1	Thermometer No:	T205	FHI 045 completed			
Observations:	Region: HI	Water type: S	CoGP MA M-23			
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? Y If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet.						
UNI/REG only - if unable to carry	out intended visit deta	il reason below:				

Additional Case Information:

small peak in mortality after input - wk 15 (3124 - 1.14%) highest in pen 1,2,3 and 4 and wk 16(3374 - 1.24%) this week morts were highest in pens 5,6,7 and 8. the morts went back down to normal levels the following week.

Fish health surveillance by vets - Site had AGD problems leading up to Christmas but vets reported that gills looked good with some minor occurrences of PGD medium scores on fish visually checked.

Vets sampled fish from pen 2 on the 18th January 2019- they found AGD in all fish sampled at reasonably strong concentrations. Since then lice skirts have been removed from this pen which has helped improve the gill scores in recent visual health checks.

Cleanerfish mortality:

Ballan wrasse - No significant spikes in wrasse morality since input. There's is a specialized cleanerfish husbandry man on site who is responsible for all cleanerfish on site. Food is provided every day for wrasse regardless of lice levels, site is using a good amount of hide material for both cleanerfish species. Husbandry on site was good all around.

Lumpsucker fish - Pen 6 has experienced consistently higher mortalities than any of the other pens. (march) Plans to get the fish health team out to sample pen 6 lumpies to see if any issues are present. Issue with fish talk reporting lumpy mortality percentage as higher than actual numbers. There is still abnormally more morts in pen 6 compared to the other units on site.

small peak in mortality after input - wk 15 (3124 - 1.14%) highest in pen 1,2,3 and 4 and wk 16(3374 - 1.24%) this week morts were highest in pens 5,6,7 and 8. the morts went back down to normal levels the following week.

Fish deep in the water, visibility poor. One mortality observed in one cage. Fish sampled for VMD appeared healthy. Nets were very clean and fish looked healthy and free from lice.

Lots of stations and parts of the walkways on the pens were observed to be buckled and crippled in places. Almost every pen had at least one buckled station, and issues with the walkway becoming contorted. The site manager said that once the fish have been harvested that all units will be getting refurbished, serviced and upgraded as the current installations have become old.

All pens currently are fitted with lice skirts as a method to prevent new settlements of lice on the fish. The site manager reported that the skirts have worked well and have not caused any issues with containment or fish health.

Cleanerfish husbandry staff on site mentioned that they had been getting really good survival rates with their Lumpsucker fish on site. He also added that during gut analysis that they had been seeing lumpfish "full of lice" and thinks that they have been working really well to keep lice levels low.

Paperwork, site inspection and VMD sampling completed by supervised by

FHI 059, Version 12			Issi	ued by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0136		Site No:	FS0430				
Date of Visit:		27/03/2019	Ð		Inspector(s):]
Registration/Authornal 1. Business/site detaction 2. Changes made to	ails summary		site represent	tative?			Y Y]
Site Details								
Total No facilities		12	Facilities st	ocked	11	No facilitie	es inspected	12
Species	Sal	WRS	LUM					
Age group	18 S1's	Wild	18					
No Fish	255,649	5,789	27,622					
Mean Fish Wt	3.7	mixed	50g					
Next Fallow Date (S	ite)	sep/oct 19		Next Input Da	ate (Site)	nov 19		
`	,				1			
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
Movement Record	s							
1. Movement record	ls available fo	r inspection?						Y
2. Date of last inspe		·					04/04/2017	
3. Are records comp		ectly entered	?					N
4. Are movement re				?				N/A
5. Are records comp	olete and corr	ectly entered	?					N/A
6. Are health certific	ates for intro	ductions (out	with GB) avail	lable?				N/A
Transport Records								
Are any movement		it by (or on be	half) of the h	usiness (not us	ing a STR\2			Y
If yes, is there a sys				•	_			Y
	tom in place	ior mamainanan	ioo or transpe	7.14.10111000140	•			
Mortality Records 1. Mortality records	available for i	nepection?						
2. How are mortalities		•			Incinerated -	on cito		
If other detail:			od of in barbo	our skip. Inciner				
3. Mortality records				our skip. Inciner	ator Shared wi	III INEVIS D		Y
4. Recent mortality	•	r correctly ern).11%) wk10(45	6 - 0 18%\wk	11/75 - 0.03	3%)wk12(135	
5. Evidence of recei	•	typical morta		7.1170) WK10(43	0 - 0.1070/WK	11(75-0.00	770/WK12(133	N
If yes, facility nos/no		• •		v/reason:				- 11
11 yes, rasinty 1105/110	Thortanty per	Tuomity/110 St	JOK PET TAGING	yrreason.				
6. Any other peaks i	n mortality du	ring period c	hecked?					Y
If yes, detail:		al information						
7. Have increased (unexplained)	mortalities be	en reported t	to vet or FHI?				N/A
If yes, detail action:								
8 Have 'mortality ev	ents' been re	ported to FH	12 If no ladd N	MRT case and e	enter on morta	lity events	sheet	N/A

ii otilei, detaii.							
2. Medicines records	ls available for inspection?	Y					
3. Are records comp	plete and correctly entered?	Y					
4. Are fish in a withd	drawal period?	Y					
5. If yes, what treatm	ment(s)? T.M.S., Slice						
If other, detail:							
6. Are medicines sto	ored appropriately?	Y					
Biosecurity Record	ds						
_	ds available for inspection?	Y					
•	and frequency of mortality removal, recording and safe disposal been considered	? Y					
3. Has the manner a	and period in which the APB will notify Scottish Ministers or veterinary professions	al of any					
increased (unexplain	ined) 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 incl	cluded and how and when that will be notified to Scottish Ministers?						
5. Has the health sta	atus of aquaculture animals being stocked on the farm site been covered (equal	or higher y					
health status, certific	cation if required)?						
	dry and biosecurity measures implemented between each epidemiological unit to						
	ease 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							
	urity procedures been adequately implemented on site?	Y					
If no, detail:							
Results of Surveilla	lance						
1. Has any animal he	nealth surveillance been carried out by, or on behalf of, the business?	Y					
-	s available for inspection?	Y					
3. Any significant res	·	Y					
•	detailed under recent disease problems).						
, , , , , , , , , , , , , , , , , , , ,	,						
F	Records checked between: 4/4/17 - 27/03/2019						

	ni 059, version 12							155	ueu by. Fr	11			
	Case no:	2019-01	136	Site No:		FS0430			Date of vi		27/0	03/2019	27/0
	Priority samples:	VI		ВА		PA		MG		н			
	Time sampling starts/ends:	11:0	0:00	11:3	0:00		Inspecto	or:			VMD No). 	16
	Environmental conditions:	1	Wet	2	Windy	3	Cloudy	4		5			
	Summary samples	HIST		ВА		MG		VI	P	Α		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2	3									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	3.7000	3.7000	3.7000									
	Sex	N/A	N/A	N/A									
	Water Type	SW	SW	SW									
tock Details	Stock Origin	Knock	Knock										
S	Facility No	1	3	8									

03/2019 Additional Sample Information:													
0	1	Total To	ests ass	igned	0	1							

FHI 059, Version 12		Issued by: FHI			Date o	of issue	: 08/10/2018
Case Number:	2019-0136		Site No:	FS0430		Insp:	
Date of Visit	27/03/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	٥	18	26	$\overline{}$
Species	Number of sup	ncluding third country	0		10	26 14	0
N							40
Movements off	Frequency of n Number of des		0		6	10 10	10
Exposure via water	Ivalliber of des	Site contacts			6-10		تــــــــــــــــــــــــــــــــــــــ
Water contacts with other	Farm is protect	ted (secure water supply through					$\overline{}$
farms (holding species	disinfection or	,	0				ш
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		ш
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with	Any processing	g plant discharging into adjacent waters			Chiscourc		
processors			0	1	2		2
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
the fales of the directive	Processing ow	n fish (re-cycling risk)	1				ш
	Processing fish	from MS of equivalent status	2				-
		from zone or compartment of					ш
	equivalent state	us n from Category III farm	4	1			⊢
	_	n from Category ∀ farm	8	4			⊢
			10	<u> </u>			
Disposal of fish and fish by- products		· · ·	0				0
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				0
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	1			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		Ιο				0
between sites, use of footbaths etc	No		1	1			-
CoGP/Regulator				J			
Practices in accordance	Yes			1			0
with regulator or industry	No		2	-			⊢−−┤
code of practice				J			
Platform access to cages	Yes		0				0
	No		2				
					Total		24
					Rank		MEDIUM
					···		

Case No:	2019-0136		Site No:	FS0430		
Sea Lice Inspection (S	•••	in the previous 4 years?			F	v -
•	•	quivalent) fallowed synchronously (on a single w	par class hasis?		· ·
						· ·
azamethiphos and ema can these be deployed	mectin benzoate) as in a reasonable period		l and/or mech	hanical control measu	res, and	T
Management Area (or e	equivalent)?	ement agreement or statement rele		te and CogP Farm	L	Y
5. Are sea lice count red	cords available for ins	pection? (Legal SSI, CoGP Annex 6	5)			Y
6. Do records adequate	ly reflect the required	standard specified in the SSI and th	ne CoGP? (L	egal SSI, CoGP Anne	x 6)	Y
7. Are sea lice (<i>L. salmo</i> records are inspected?	•	ow the suggested criteria for treatm	ent in the Co	oGP during the period	that	Y
8. Have average adult for records are inspected?	emale sea lice (L. salı	nonis) numbers per fish been at a l	evel of 3 or a	above during the perio	d that	N
If yes, have these been	reported to the Fish H	ealth Inspectorate? If no, FHI see of	comment.		ľ	N/A
9. Is C. elongatus infes	tation at a level which	is considered to cause significant v	velfare proble	ems? (CoGP 4.3.81, 5	(3.50)	N
•		stered or other actions taken when longatus is considered to have wel				N/A
11. Has any other action	n been taken (where a	pplicable)?			Ī	N/A
•	•	s taken had a significant impact upo	on the lice lev	vels recorded?	ī	N/A
•		out in cooperation between particip			•	Y
		where fewer populations or part populations	_		_	Y
15. Is there a site specifications scenarios during the escenarios		ment procedure with waypoints des nfestation?	scribing set a	ctions to deal with rec	cognised	Y
16. Do the sea lice leve	ls observed on stocks	reflect sea lice count data? If no ple	ease detail re	easons.		Y
Containment Inspection	on				_	
 Has the site experien 	ced equipment dama	ge due to predators in the current of	r previous pro	oduction cycles?	1	N
2. Are measures in plac	e to mitigate against t	ne predation experienced on site? (Detail below)	`	Y
16 - 11 1 - (- 2) 1 - 1					_	
If other, detail below: ADD, tensioned nets, to	n note MM					
	·	erienced on or in the vicinity of the	sita sinca tha	a last FHI inspection?	I	N
If Yes proceed with que		•	one office the	c last i ili ilispection:	L	
4. Have these been rep	•					
5. Have these been rep	orted to local DSFB fo	rthwith (where they exist)? (CoGP -	- 4.4.37, 5.4	.17)		
6. Have these been rep	orted to the SSPO and	I local fisheries trusts forthwith (whe	ere they exist	t)? (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 as	reed with local wild fish interests as	nd was norm	ission given by Seettis	sh.	
Ministers? (Legal, CoG	P – 4.4.38, 5.4.18)	reed with local wild fish interests ar				
	-	mise the risk of further escapes? (N	lot covered in	n code but could		
be considered under	•	·				
10. Is the site inspected	as satisfactory with r	egards to containment? If no, please	e detail reaso	on(s)		Υ

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0136	Site No: FS0430	
Date of Visit: 27/03/2	2019 Inspector:	
Point of Compliance		
1. Is the farm under inspection local	ted within a farm management area?	Y
If N, no further questions require co	mpletion.	
Points of Compliance for Both Fa	arm Management Agreements and Statements	
3. Is the current FMAg/S available for4. Does the FMAg/S identify the release.5. Does the FMAg/S identify the fish	evant farm management area? n farm site(s) to which it applies? te of commencement of the agreement or statemen	у у у
Arrangements for Fish Health Ma	nagement	
8. Does the FMAg/S identify the mir farm?	nimum health standards for the stocks to be introduc	ced to the area or
10. Does the FMAg/S identify the sp	ccination requirements for stocks held in the area or pecies of fish which may be stocked into the area or naximum stocking density of any pen on any farm in	r farm?
12. Does the FMAg/S identify the ar fish farm in the area or the individual	rrangements for the storage and disposal of any dea al farm?	ad fish from any
Arrangements for The Manageme	ent of Sea Lice	
13. Does the FMAg/S identify arrange	gements for the sharing of data on sea lice numbers	s and treatments?
14. Does the FMAg/S identify the avoid statement?	vailability and the use of medicines on farms covere	
15. Does the FMAg/S identify any relice on farms in the area or individual	equirements for the sensitivity testing of available tre al farms?	
16. Does the FMAg/S identify the ci used on farms in the area or individ	rcumstances under which biological controls and cle lual farms?	
17. Does the FMAg/S identify the ar	rrangements for synchronous treatments on farms v	within the area?
Live Fish Movements		
area or farm? 19. Does the FMAg/S identify the ar	ircumstances when live fish may be introduced or re	
or individual farms?		

FHI 059, Version 12	Issued by: FHI	Date of	issue: 08/10/2018
Harvesting			
20. Does the FMAg/S identify acceptable harvest p	practices on farms in the area or in	ndividual farms?	У
Fallowing			
21. Does the FMAg/S identify the dates by which the date when a farm or area may be restocked?	he area or individual farm will be f	allow and the earliest	У
22. Does the FMAg/S identify whether one or more agreement or statement?	e year classes may be stocked on	to sites covered by the	У
23. Does the FMAg/S identify whether broodstock covered by the agreement or statement?	or potential broodstock are to be	kept on any site	У
Point of Compliance for Farm Management Agr	reements Only		
24. Does the farm management agreement include parties to the agreement?	e arrangements for persons to be	come, or cease to be,	N/A
Management and operation			
25. Is the fish farm being managed and operated in	n accordance with the agreement	or statement?	Y
26. What is the version no/date of issue of the FM	Ag/S? 04/04/2018		

Site No: FS0430

Case No: 2019-0136

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

Case No:	2019-0136			Date of visit:	27/03/2019			
Site No:	FS0430	l		Inspector:		l		
Results Summary	Freq.			Date of Notification				
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	1							
Donart Curaman								
Report Summary Case Type	5 1		nd					
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, SLI, VMD	16/04/2019							





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0125
 Date of Visit
 27/03/2019

 Site No
 FS0430
 Site Name
 Nevis A

 Inspector
 Case No
 20190136

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

Please contact myself or the duty inspector should you require any 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: 16/04/2019

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0139			Date of visit: 28/03/2019
Time spent on site:	8.5 hours	Main Ins	spector:
Site No: FS0800 Business No: FB0440	Site Name: Business Name:	Leinish Grieg Seafood Shetland	Ltd
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 8.3	Thermometer No:	T205	FHI 045 completed Y
Observations:	Region: HI	Water type: S	CoGP MA: M-25
Dead/weak/abnormally behaving	•		al information/clinical score sheet.
Clinical signs of disease observ	ed?		al information/clinical score sheet.
Gross pathology observed? Diagnostic samples taken?		N If yes, see additiona	al information/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit deta	il reason below:	

Additional Case Information:

2 last harvests not included in movement book as final numbers not received yet from the processing plant in Shetland.

There have been ongoing increased levels of mortality at leinish due to treatments for ongoing gill issues, these numbers have not been above the reporting threshold but higher than normal.

An Optilicer boat from Shetland has been periodically treating and targeting pens at Leinish to control lice. The site manager reported that the optilicer had been achieving great clearance and reported that the combination treatment is significantly less harsh than the singular thermolicer or hydrolicer on its own.

However it was noted that because the fish are quite large (>4kg), the bigger fish are getting knocked around during the treatment process. The damage caused by the optilicer was observed on site in the form of a few fish near the surface with large physical wounds, appearing healthy otherwise.

The site has been suffering from ongoing gill issues and grumbling morts from the worst affected pens. Gross Gill pathology was noted in a health surveillance report issued by fish vet group the week previous to inspection. They also detected a moritella infection in Pen 2 at Leinish. This pen has been quarantined from the rest of the site and no staff/equipment move off the unit without full disinfecting boat, PPE and equipment. This practice was observed during the inspection.

Visability was poor and fish feeding very low in the water. A few injured but actively swimming fish were observed. Fish sampled for VMD looked good and appeared healthy.

Inspection, paperwork and VMD sampling completed by supervised by

FHI 059, Version 12	2		Issu	ed by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0139		Site No:	FS080	0			
Date of Visit:		28/03/2019]		Inspector(s)]
Registration/Authoral Business/site det 2. Changes made to	tails summary		ite representa	ative?			Y N	}
Site Details Total No facilities Species Age group	SAL 17 S0's	10	Facilities sto	cked	7	No facilitie	es inspected	10
No Fish	207,291							
Mean Fish Wt Next Fallow Date (S	4.5 Site)	May 19		Next Input D	Date (Site)	sep/oct 19	9	
Recent (last 4 wks) If yes, detail:	,				N Any escapes			N
Movement Record 1. Movement record 2. Date of last inspect 3. Are records completed. Are movement records completed. Are health certification. Transport Records	ds available for ection: plete and corrected available plete and corrected for introductions.	ectly entered? le for dead fis ectly entered? luctions (outw	h and waste? rith GB) availa	able?			20/02/2019	N Y Y Y N/A
1. Are any movement of yes, is there a sys					-			Y
Mortality Records 1. Mortality records 2. How are mortaliti If other detail:	es disposed o	f?			Other (detail)		Y
3. Mortality records		Billie bowie -		in dumtries				Y
4. Recent mortality	(last 4 wks):	·	wk10(971 - (0.34%) wk11(1844 - (0.71%)wk12(1653	- 0.64%)wk1	, ,
5. Evidence of rece If yes, facility nos/no		• •		/reason:				N
ii yes, raciity 1105/110	5 mortality per	Tacility/110 3to	ck per racility.	/16a3011.				
6. Any other peaks		<u> </u>						Y
If yes, detail: 7. Have increased (If yes, detail action:	(unexplained)	orts from gill mortalities be						N/A
8 Have 'mortality e		norted to EUI	2 If no add M	IRT case and	enter on mort	ality events	choot	N/A

Results of Surveillance

If no, detail:

aquaculture animals held on site?

1.	Has any	animal health	surveillance been	carried out by.	or on behalf of.	the business?
	i iac aii	ai iii i ai i i oaiti i	Car volliarioo boori	oaiiioa oat og,	, or orr bornan or,	and badinious.

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

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

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

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

Gross gill pathology, moritella infection detected in pen 2

Records checked between:

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

20/2/19-28/03/19

Г	11 059, VEISIOII 12							155	ueu by. r	1 11			
	Case no:	2019-01	39	Site No:		FS0800			Date of v		28/0	03/2019	28/(
	Priority samples:	VI		ВА		PA		MG		g. HI			
	Time sampling starts/ends:	14:3	0:00	15:0	0:00		Inspecto	or:			VMD No).	6
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1											
	Pool Group												
	Species	SAL											
	Average weight	4.5000											
	Sex	N/A											
	Water Type	SW											
Sis		낭											
Details		ıra											
		Corlarach											
Stock	Stock Origin												
S	Facility No	4											

03/2019	Addition	nal Sam	ple Infor	mation:						
0	1	Total To	octo acc	ianod	0					
U	J	Total I	<i>ESIS</i>	ligi ieu	U					

FHI 059, Version 12		Issued by: FHI			Date	of issue	: 08/10/201
Case Number:	2019-0139		Site No:	FS0800		Insp:	
Date of Visit	28/03/2019		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		_	40	00	
species		cluding third country	0			26	⊢
	Number of supp	Dilers	0			14	
Movements off	Frequency of m		0			10	10
	Number of dest		0			10	3
Exposure via water	le · · ·	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or b	,	0				
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		1
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V 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				0
and raide of the amount	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	from zone or compartment of	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0				
products	Common proce	sses with other farms	3				3
	Collection point	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		1
	Sites sharing st	aff and equipment	0	1	2		1
Disinfection of equipment	Yes		0				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			1			
r lationin access to cages	No		2				
	1.,,			J			
					Total		19
					Rank		MEDIUM

Sea Lice Inspection (Seawater Sites Only) . Has the site experienced sea lice problems in the previous 4 years? 2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis? 3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, zamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and an these be deployed in a reasonable period of time? 4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm danagement 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 ecords 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 during the period that ecords are inspected? 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 uggested 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								
. Has the site experienced sea lice problems in the previous 4 years? 1. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis? 2. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, zamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and an these be deployed in a reasonable pend of time? 1. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Arangement Area (or equivalent)? 2. Are sea lice ount records available for inspection? (Legal SSI, CoGP Annex 6) 2. Are sea lice (L. Salmonis) record levels below the suggested criteria for treatment in the CoGP during the period that ecords are inspected? 2. Are sea lice (L. Salmonis) record levels below the suggested criteria for treatment in the CoGP during the period that ecords are inspected? 3. Are treatment indestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50) 4. Base are sea lice (L. Salmonis) numbers per fish been at a level of 3 or above during the period that ecords are inspected? 4. Set here a peutic treatments been administered or other actions taken when L. Salmonis levels have exceeded the uggested criteria for treatment or where C. elongalus is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) 5. Has any other action been taken (where applicable)? 7. Has any other action been taken (where applicable)? 8. Are treatments, where conducted, carried out in cooperation between participating farms? 9. Are treatments, where conducted, carried out in cooperation between participating farms? 9. Are treatments, where conducted, carried out in cooperation between participating farms? 9. A return where the secalation of a sea lice infestation? 9. Are treatments in place to mitigate against the predation experienced on site? (Detail below) 9. Are the same in place to mitigate	Case No:	2019-0139		Site	No:	FS0800]	
List he CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis? A Does the sith have access to a range of licenced in-feed and bath sea lice medications (including detamethriin, zamethiphos and enamencit horacotate) as well as access to suitable biological and/or mechanical control measures, and an these be deployed in a reasonable period of time? Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Anagement Area (or equivalent)? Y Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6) Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6) Are sea lice (L. salmonis) record levels below the suggested criteria for treatment in the CoGP during the period that ecords are inspected? (CoGP Annex 6) Have average adult female sea lice (L. salmonis) numbers per fish been at a level of 3 or above during the period that ecords are inspected? (CoGP Annex 6) Have average adult female sea lice (L. salmonis) numbers per fish been at a level of 3 or above during the period that ecords are inspected? (CoGP Annex 6) Have average adult female sea lice (L. salmonis) numbers per fish been at a level of 3 or above during the period that ecords are inspected? (CoGP Annex 6) Have therapeutic treatments at level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50) Have therapeutic treatments been administered or other actions taken when L. salmonis fevels have exceeded the uggested criteria for treatment or where C. elongatus is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) Has any other action been taken (where applicable)? Has the site experienced equipment damage due to predators in the current or previous production cycles? Y and the site experienced	•	•						
1. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, zamenthiphos and emamerich benzoate) as well as accesses to suitable biological and/or mechanical control measures, and an these be degrowed in a reasonable pend of time? 1. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm fanagement race (or equivalent). 2. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6) 3. Are sea lice (L. salmonis) record levels below the suggested criteria for treatment in the CoGP during the period that ecords are inspected? (CoGP Annex 6) 4. Are sea lice (L. salmonis) record levels below the suggested criteria for treatment in the CoGP during the period that ecords are inspected? 5. Les celongatus infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50) 6. Have therapeutic treatments been administered or other actions taken when L. salmonis levels have exceeded the uggested criteria for treatment or where C. elongatus is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) 7. Has any other action been taken (where applicable)? 7. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? 7. Are treatments, where conducted, carried out in cooperation between participating farms? 7. Yes, have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? 7. Are treatments, where conducted, carried out in cooperation between participating farms? 8. Yes the treatment for a site specific written lice management procedure with waypoints describing set actions to deal with recognised cenarios during the escalation of a sea lice infestation? 8. Is there as lace specific written lice management procedure with waypoints describing set actions to deal with recognised cenarios during the escalation of a sea lice infestation? 8. In the sea lice levels ob	Has the site experient	enced sea lice problems	in the previous 4 years	s?				Υ
aramethiphos and emametrin benzoaise) as well as access to suitable biological and/or mechanical control measures, and an these be deployed in a reasonable period of time? Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm danagement Area (or equivalent)? Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6) Y Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6) Are sea lice (<i>L. salmonis</i>) record loves below the suggested criteria for treatment in the CoGP during the period that ecords are inspected? (CoGP Annex 6) I. Have average adult female sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or above during the period that ecords are inspected? Y Y Y Are sea lice (<i>L. salmonis</i>) record loves below the suggested criteria for treatment in the CoGP during the period that ecords are inspected? Y Y Y I. Have average adult female sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or above during the period that ecords are inspected? I. Have average adult female sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or above during the period that ecords are inspected? I. Have average adult female sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or above during the period that ecords are inspected? I. Have therapeutic treatments been administered or other actions taken when <i>L. salmonis levels</i> have exceeded the uggested criteria for treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) I. Has any other action been taken (where applicable)? 2. Have therapeutic treatments or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) I. Have there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for earlice? S. Is there a site specific written lice management procedure with waypoints describing set actions to deal with r	2. Is the CoGP Farm I	Management Area (or eq	uivalent) fallowed syn	chronously on a si	ingle ye	ear class basis?		Υ
Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6) Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6) Are sea lice (<i>L. salmonis</i>) record levels below the suggested criteria for treatment in the CoGP during the period that ecords are inspected? (CoGP Annex 6) Are sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or above during the period that ecords are inspected? Yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment. Is C elongatus infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50) No. Have therapeutic treatments been administered or other actions taken when <i>L. salmonis levels</i> have exceeded the uggested criteria for treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) 1. Has any other action been taken (where applicable)? 2. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? 3. Are treatments, where conducted, carried out in cooperation between participating farms? 4. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for an lice? 5. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised cenarios during the escalation of a sea lice infestation? 6. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons. Your containment Inspection Has the site experienced equipment damage due to predators in the current or previous production cycles? Are measures in place to mitigate against the predation experienced on site? (Detail below) Your proceed with questions 4 – 9. If No skip to question 10 Have secape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? It was these been reported to local DSFB	azamethiphos and em can these be deployed	namectin benzoate) as wid in a reasonable period	vell as access to suitat of time?	ole biological and/o	or mech	nanical control meas		Y
. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6) Y . Are sea lice (<i>L. salmonis</i>) record levels below the suggested criteria for treatment in the CoGP during the period that scords are inspected? (CoGP Annex 6) Y I have average adult female sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or above during the period that ecords are inspected? Y yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment. I. Is C. elongatus infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50) N O. Have therapeutic treatments been administered or other actions taken when <i>L. salmonis levels</i> have exceeded the uggested criteria for treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) 1. Has any other action been taken (where applicable)? 2. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? 3. Are treatments, where conducted, carried out in cooperation between participating farms? Y 4. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for ea lice? 5. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised cenarios during the escalation of a sea lice infestation? 6. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons. **Containment Inspection** Has the site experienced equipment damage due to predators in the current or previous production cycles? Are measures in place to mitigate against the predation experienced on site? (Detail below) Y ADD, Tensioned top nets, Seal screens, MML, deployable RD1 acoustic deterrent system I other, detail below: Have scape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? I have these been reporte			ment agreement or sta	atement relevant to	tne si	te and CoGP Farm		Y
Are seal lice (<i>L. salmonis</i>) record levels below the suggested criteria for treatment in the CoGP during the period that ecords are inspected? (CoGP Annex 6) Have average adult female seal lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or above during the period that ecords are inspected? Yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment. Is <i>C. elongatus</i> infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50) No. Have therapeutic treatments been administered or other actions taken when <i>L. salmonis levels</i> have exceeded the uggested criteria for treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) 1. Has any other action been taken (where applicable)? 2. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? 3. Are treatments, where conducted, carried out in cooperation between participating farms? 4. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for eal lice? 5. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised venarios during the escalation of a sea lice infestation? 6. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons. 7. Are measures in place to mitigate against the predation experienced on site? (Detail below) 7. Are measures in place to mitigate against the predation experienced on site? (Detail below) 8. Are measures in place to mitigate against the predation experienced on site? (Detail below) 9. Are measures in place to mitigate against the predation experienced on site? (Detail below) 9. A law these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 1. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 1. Have these been reported to t	Are sea lice count r	ecords available for inspe	ection? (Legal SSI, Co	GP Annex 6)				Υ
Lave average adult female sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or above during the period that ecords are inspected? I yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment. I is <i>C. elongatus</i> infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50) N O. Have therapeutic treatments been administered or other actions taken when <i>L. salmonis levels</i> have exceeded the uggested criteria for treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) 1. Has any other action been taken (where applicable)? 2. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? 3. Are treatments, where conducted, carried out in cooperation between participating farms? 4. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for as lice? 5. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised cenarios during the escalation of a sea lice infestation? 6. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons. 7. Are measures in place to mitigate against the predation experienced on site? (Detail below) 8. Are measures in place to mitigate against the predation experienced on site? (Detail below) 9. And the site experienced equipment damage due to predators in the current or previous production cycles? 9. Are measures in place to mitigate against the predation experienced on site? (Detail below) 9. And the site experienced on the site of the site since the last FHI inspection? 1. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 1. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 1. Have these been reported to recover escapees? If yes give detail	6. Do records adequa	tely reflect the required s	tandard specified in th	e SSI and the Co	GP? (Le	egal SSI, CoGP Anr	nex 6)	Υ
ives, have these been reported to the Fish Health Inspectorate? If no, FHI see comment. I. Is C. elongatus infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50) N O Have therapeutic treatments been administered or other actions taken when L. salmonis levels have exceeded the uggested criteria for treatment or where C. elongatus is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) 1. Has any other action been taken (where applicable)? 2. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? 3. Are treatments, where conducted, carried out in cooperation between participating farms? 4. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for eal lice? 5. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised venarios during the escalation of a sea lice infestation? 6. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons. Containment Inspection Has the site experienced equipment damage due to predators in the current or previous production cycles? Are measures in place to miltigate against the predation experienced on site? (Detail below) NDD. Tensioned top nets, Seal screens, MML, deployable RD1 acoustic deterrent system Forther, detail below: 1. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 1. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 2. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 3. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 4. Were methods (if any) used to recover escapees? If yes give detail 5. What action was taken to prevent and minimise			w the suggested criter	ria for treatment in	the Co	oGP during the perio	od that	Υ
Is C. elongatus infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50) N O. Have therapeutic treatments been administered or other actions taken when L. salmonis levels have exceeded the uggested criteria for treatment or where C. elongatus is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) 1. Has any other action been taken (where applicable)? 2. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? 3. Are treatments, where conducted, carried out in cooperation between participating farms? 4. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for as lice? 5. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised conarios during the escalation of a sea lice infestation? 6. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons. 7. Has the site experienced equipment damage due to predators in the current or previous production cycles? 8. Have measures in place to mitigate against the predation experienced on site? (Detail below) 9. ADD, Tensioned top nets, Seal screens, MML, deployable RD1 acoustic deterrent system 1. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? 1. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 1. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 1. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 1. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 1. Were methods (if any) used to recover escapees? If yes give detail 1. If gill nets were deployed was this action agreed with loca	_	· · · · · · · · · · · · · · · · · · ·	onis) numbers per fisl	h been at a level of	f 3 or a	above during the per	riod that	Υ
0. Have therapeutic treatments been administered or other actions taken when <i>L. salmonis levels</i> have exceeded the uggested criteria for treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) 1. Has any other action been taken (where applicable)? 2. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? 3. Are treatments, where conducted, carried out in cooperation between participating farms? 4. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised cenarios during the escalation of a sea lice infestation? 5. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised cenarios during the escalation of a sea lice infestation? 6. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons. 7. Are measures in place to mitigate against the predation experienced on site? (Detail below) 7. Are measures in place to mitigate against the predation experienced on site? (Detail below) 7. Are measures in place to mitigate against the predation experienced on site? (Detail below) 8. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? 8. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 9. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 10. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 11. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 12. Were methods (if any) used to recover escapees? If yes give detail 13. It gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish dinisters? (Le	If yes, have these bee	n reported to the Fish He	ealth Inspectorate? If r	no, FHI see comme	ent.			Υ
1. Has any other action been taken (where applicable)? 2. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? 3. Are treatments, where conducted, carried out in cooperation between participating farms? 4. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for al lice? 5. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised cenarios during the escalation of a sea lice infestation? 6. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons. Containment Inspection 1. Has the site experienced equipment damage due to predators in the current or previous production cycles? N. Are measures in place to mitigate against the predation experienced on site? (Detail below) Y. D.D., Tensioned top nets, Seal screens, MML, deployable RD1 acoustic deterrent system 1. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? 1. Have these been reported to Scottish Ministers? 1. Have these been reported to Iocal DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 1. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 1. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 1. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 1. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) 1. Have these 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) 1. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory m	9. Is <i>C. elongatus</i> infe	estation at a level which is	s considered to cause	significant welfare	proble	ems? (CoGP 4.3.81,	5.3.50)	N
2. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded? 3. Are treatments, where conducted, carried out in cooperation between participating farms? 4. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for a lice? 5. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised cenarios during the escalation of a sea lice infestation? 6. 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) 3. And the measures in place to mitigate against the predation experienced on site? (Detail below) 4. ADD, Tensioned top nets, Seal screens, MML, deployable RD1 acoustic deterrent system 5. In the escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? 6. If Yes proceed with questions 4 – 9. If No skip to question 10 6. 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) 6. Have these been reported to the SSPO and local fisheries trusts 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) 6. Have these been reported to the SSPO and local fisheries trusts 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 act								Υ
3. Are treatments, where conducted, carried out in cooperation between participating farms? 4. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for ea lice? 5. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised cenarios during the escalation of a sea lice infestation? 6. 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) 3. ADD, Tensioned top nets, Seal screens, MML, deployable RD1 acoustic deterrent system 4. If other, detail below: 4. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? 5. Have these been reported to Scottish Ministers? 6. 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) 8. 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)	11. Has any other acti	on been taken (where ap	oplicable)?					Υ
4. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for eal lice? 5. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised cenarios during the escalation of a sea lice infestation? 6. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons. Y Containment Inspection Has the site experienced equipment damage due to predators in the current or previous production cycles? Are measures in place to mitigate against the predation experienced on site? (Detail below) Y ADD, Tensioned top nets, Seal screens, MML, deployable RD1 acoustic deterrent system f other, detail below: Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? Y es proceed with questions 4 – 9. If No skip to question 10 Have these been reported to Iocal DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) Were methods (if any) used to recover escapees? If yes give detail If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish finisters? (Legal, CoGP – 4.4.38, 5.4.18) 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)	12. Have therapeutic t	treatments or the actions	taken had a significar	nt impact upon the	lice lev	vels recorded?		Υ
Solution to deal with recognised and the secalation of a seal lice infestation? 6. Do the seal lice levels observed on stocks reflect seal lice count data? If no please detail reasons. Containment Inspection Has the site experienced equipment damage due to predators in the current or previous production cycles? Are measures in place to mitigate against the predation experienced on site? (Detail below) YOD, Tensioned top nets, Seal screens, MML, deployable RD1 acoustic deterrent system fother, detail below: Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? Fyes proceed with questions 4 – 9. If No skip to question 10 Have these been reported to Scottish Ministers? Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) Were methods (if any) used to recover escapees? If yes give detail 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) 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)	13. Are treatments, wl	nere conducted, carried of	out in cooperation betw	veen participating f	farms?			Υ
Containment Inspection About the seal side evels observed on stocks reflect seal side count data? If no please detail reasons. Containment Inspection As the site experienced equipment damage due to predators in the current or previous production cycles? Are measures in place to mitigate against the predation experienced on site? (Detail below) ADD, Tensioned top nets, Seal screens, MML, deployable RD1 acoustic deterrent system fother, detail below: A Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? f Yes proceed with questions 4 – 9. If No skip to question 10 A Have these been reported to Scottish Ministers? A Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) A Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) Were methods (if any) used to recover escapees? If yes give detail If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish dinisters? (Legal, CoGP – 4.4.38, 5.4.18) 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)	14. Is there a harvesti sea lice?	ng strategy for the site, w	here fewer population	s or part populatio	ns are	held without treatm	ent for	Υ
Containment Inspection . Has the site experienced equipment damage due to predators in the current or previous production cycles? Are measures in place to mitigate against the predation experienced on site? (Detail below) ADD, Tensioned top nets, Seal screens, MML, deployable RD1 acoustic deterrent system f other, detail below: B. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? f Yes proceed with questions 4 – 9. If No skip to question 10 a. Have these been reported to Scottish Ministers? b. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) c. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) d. Were methods (if any) used to recover escapees? If yes give detail b. 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) D. 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)	-	~		aypoints describino	g set a	ctions to deal with re	ecognised	Υ
. Has the site experienced equipment damage due to predators in the current or previous production cycles? A. Are measures in place to mitigate against the predation experienced on site? (Detail below) A. D. Tensioned top nets, Seal screens, MML, deployable RD1 acoustic deterrent system f other, detail below: A. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? f Yes proceed with questions 4 – 9. If No skip to question 10 a. Have these been reported to Scottish Ministers? A. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) b. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) C. Were methods (if any) used to recover escapees? If yes give detail A. 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) A. 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)	16. Do the sea lice lev	vels observed on stocks r	eflect sea lice count d	ata? If no please d	detail re	easons.		Υ
. Has the site experienced equipment damage due to predators in the current or previous production cycles? A. Are measures in place to mitigate against the predation experienced on site? (Detail below) A. D. Tensioned top nets, Seal screens, MML, deployable RD1 acoustic deterrent system f other, detail below: A. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? f Yes proceed with questions 4 – 9. If No skip to question 10 a. Have these been reported to Scottish Ministers? A. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) b. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) C. Were methods (if any) used to recover escapees? If yes give detail A. 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) A. 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)								
And the measures in place to mitigate against the predation experienced on site? (Detail below) ADD, Tensioned top nets, Seal screens, MML, deployable RD1 acoustic deterrent system f other, detail below: A Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? A Have these been reported to Scottish Ministers? A Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) A Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) A Have methods (if any) used to recover escapees? If yes give detail A Have these been reported to the SSPO and local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18) A 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)	Containment Inspec	tion						
ADD, Tensioned top nets, Seal screens, MML, deployable RD1 acoustic deterrent system f other, detail below: 8. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? f Yes proceed with questions 4 – 9. If No skip to question 10 8. Have these been reported to Scottish Ministers? 6. 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) 8. 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)	 Has the site experience 	enced equipment damage	e due to predators in the	he current or previo	ous pro	oduction cycles?		N
f other, detail below: 3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection? 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 pla	ace to mitigate against th	e predation experienc	ed on site? (Detail	below))		Υ
A. 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 If Have these been reported to Scottish Ministers? If Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) If Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) If yes give detail 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) If 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)	ADD, Tensioned top	nets, Seal screens, M	ML, deployable RD	1 acoustic deterre	ent sys	stem		
f Yes proceed with questions 4 – 9. If No skip to question 10 Have these been reported to Scottish Ministers? Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) Were methods (if any) used to recover escapees? If yes give detail 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) 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	<i>r</i> :						
f Yes proceed with questions 4 – 9. If No skip to question 10 Have these been reported to Scottish Ministers? Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) Were methods (if any) used to recover escapees? If yes give detail 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) 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	NI
i. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) i. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) i. Were methods (if any) used to recover escapees? If yes give detail i. 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) i. 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)	•	•		cinity of the site si	nce the	e last FHI inspection	1?	IN
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 (Inisters? (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)			*					
Were methods (if any) used to recover escapees? If yes give detail 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) 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)	5. Have these been re	ported to local DSFB for	thwith (where they exis	st)? (CoGP – 4.4.3	37, 5.4	.17)		
8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish finisters? (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)	6. Have these been re	ported to the SSPO and	local fisheries trusts for	orthwith (where the	ey exist	t)? (CoGP – 4.4.37,	5.4.17)	
Ministers? (Legal, CoGP – 4.4.38, 5.4.18) 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 a	ny) used to recover esca	pees? If yes give deta	il				
Ministers? (Legal, CoGP – 4.4.38, 5.4.18) 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 nots were den	loved was this action agr	reed with local wild fick	n interests and was	s nermi	ission given by Scot	tish	
be considered under satisfactory measures of the Act)			ood with local wild list	Timeresis and was	o periili	Soloti given by Scot	OII	
	9. What action was ta	ken to prevent and minim	nise the risk of further	escapes? (Not cov	ered ir	n code but could		
0. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)	be considered unde	er satisfactory measure	es of the Act)					
	10. Is the site inspecte	ed as satisfactory with re	gards to containment?	If no, please detail	il reasc	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: 2019-0139	Site No: FS0800	
Date of Visit: 28/03	/2019 Inspector:	
Point of Compliance		
1. Is the farm under inspection loc If N, no further questions require of	cated within a farm management area?	Υ
Points of Compliance for Both F	Farm Management Agreements and Statements	
3. Is the current FMAg/S available4. Does the FMAg/S identify the re5. Does the FMAg/S identify the fis	elevant farm management area? sh farm site(s) to which it applies? ate of commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health M	lanagement	
farm? 9. Does the FMAg/S identify the variable of the FMAg/S identify the state of the individual farm? 12. Does the FMAg/S identify the state of the individual farm in the area or the individual farm of the individual farm in the area or the individual farm.		or farm? Y or farm? Y in the area or the Y lead fish from any
of statement? 15. Does the FMAg/S identify any lice on farms in the area or individ 16. Does the FMAg/S identify the used on farms in the area or individ	circumstances under which biological controls and	treatments for sea Y cleaner fish are to be
Live Fish Movements		
area or farm?	circumstances when live fish may be introduced or arrangements for the movement of live fish on and	

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Harvesting		
20. Does the FMAg/S identify acceptal	ble harvest practices on farms in the area or individu	ral farms?
Fallowing		
21. Does the FMAg/S identify the date date when a farm or area may be resto	es by which the area or individual farm will be fallow a ocked?	and the earliest
22. Does the FMAg/S identify whether agreement or statement?	one or more year classes may be stocked onto sites	s covered by the Y
_	broodstock or potential broodstock are to be kept or nt?	n any site Y
Point of Compliance for Farm Mana	gement Agreements Only	
24. Does the farm management agree parties to the agreement?	ement include arrangements for persons to become,	or cease to be,
Management and operation		
25. Is the fish farm being managed and	d operated in accordance with the agreement or stat	tement?
26. What is the version no/date of issu	ue of the FMAg/S? 1.5 30th of April 2018	

Site No: FS0800

Case No: 2019-0139

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

Case No:	2019-0139			Date of visit:	28/03/2019				
Site No:	FS0800	1		Inspector:		l			
Results Summary	Freq.			Date of Notification					
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
Report Summary									
Case Type	Date	Insp	2 nd Insp						
ECI.CNI,SLI,VMD	17/04/2019								
-									





Grieg Seafood Shetland Ltd Gremista Lerwick Shetland ZE1 OPX

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0440
 Date of Visit
 28/03/2019

 Site No
 FS0800
 Site Name
 Leinish

 Inspector
 Case No
 20190139

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

Signed:

Fish Health Inspector

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

Date: 17/04/2019