FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020				
Case No: 2020-0339			Date of visit: 15/09/2020				
Time spent on site:	hrs	Main In	spector:				
Site No: FS0382 Business No: FB0095	Site Name: Business Name:	Uyea Isle Cooke Aquaculture Sco	tland Ltd				
Case Types: 1 ECI 2	CNI 3 SLI	4 VMD 5	6				
Water Temp (°C): 12.1	Thermometer No:	T153	FHI 045 completed				
Observations:	Region: SH	Water type: S	CoGP MA S-2				
Dead/weak/abnormally behaving 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. N					
UNI/REG only - if unable to carry out intended visit detail reason below:							

Additional Case Information:

Beginning of August restocked (06/08/2020) from Balta Isle (last fish moved on 12/08/2020). Site was fallow from 01/07/2020. Harvest delayed due to coronavirus

All fish harvested dead

Hydrolicer available to use on request. First choice for lice issues is the hydrolicer. The hydrolicer is used all around Shetland and is operated by the company. They may let the use of the hydrolicer to another company if not being used by Cooke.

Bird nets, seal-pro sapphire netting, tensioned nets, contract with pest control company at shorebase

Some sites in the FMS are not synchronised with the same year class of fish

Marsali is new Migdale boat and has ben used to deliver fish to site

Some minor signs associated with AGD observed in last site visit by biologist (20/08/20), but no treatment thought necessary at that point.

ADD available to use at the shorebase if required

Remote inspection carried out by on 11/09/2020 via Microsoft Teams

Site inspection and sampling by

No issues noted on site, flat calm and excellent visibility, fish showed an excellent feeding response and were shoaling well. Slight increase in AGD scores, but overall gill health was reported to be good this year so far and water temps have been slightly lower.

Fish sampled for VMD appeared healthy.

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issu	ie: 12/05/2020
Case No:	2020-0339		Site No:	FS0382	2			
Date of Visit:		15/09/2020			Inspector(s)			
Registration/Author	risation Deta	ils						
1. Business/site deta	ils summary	checked by s	ite representa	ative?			Υ]
2. Changes made to	details?						N]
Site Details (include	e cleaner fis	h for all sect	ions)					
Total No facilities		14	Facilities sto	ocked	14	No facilitie	es inspected	14
Species	SAL						T .	
Age group	19 S0							
No Fish	339,000					_		
Mean Fish Wt	2.9kg					1		
Next Fallow Date (Si		June 2021	•	Next Input Da	ate (Site)	Aug 2021	•	
Recent (last 4 wks) of	•				Any escapes			l N
If yes, detail:					,	(,.	
4. Are movement red 5. Are records compl 6. Are health certificator Transport Records 1. Are any movement If yes, is there a systematical	ete and corre ates for introd ts carried out	ectly entered? fuctions (outwood)	? vith GB) availa half) of the bu	able? usiness (not us				Y Y N/A
Mortality Records								
Mortality records a		•			VA 1 6 1	TWW / 61	0 15	Y
2. How are mortalitie	s disposed of	f?			Whole fish -	TWMA (Sh	etland)	
If other detail:			10					V
3. Mortality records of	•	correctly ent					`	Ť
4. Recent mortality (I	•	6		eek (mainly du	ue to transpor	t and handli	ng)	NI NI
5. Evidence of recen		• •		./				N
If yes, facility nos/no	mortality per	racility/no sto	ock per racility	reason.				
6. Any other peaks ir	mortality du	ring period ch	necked?					N
If yes, detail:								
7. Have increased (unexplained) mortalities been reported to vet or FHI?							N/A	
If yes, detail action:								
8. Have 'mortality eve	ents' been re	ported to FHI	? If no, enter	details on mor	tality events s	heet.		N/A

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Treatments and Medicines Records		
1. Recent treatments (see comment)?		Y

Treatments and Medicines Records							
Recent treatments (see comment)?	Y						
If yes, detail: T.M.S.							
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							
Biosecurity records available for inspection?	Y						
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y						
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any							
increased (unexplained) mortality at the site been included?	Y						
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease							
is detected been included and how and when that will be notified to Scottish Ministers?	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	Y						
aquaculture animals held on site?							
8. Have the biosecurity procedures been adequately implemented on site?	Y						
If no, detail:							
Results of Surveillance	V						
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 N						
3. Any significant results?	N						
If yes, detail (if not detailed under recent disease problems).							
Pagards shocked between: 124/04/2018 - 11/09/2020							

FHI 059, Version 13							ISS	uea by: i	-11			
Case no:	2020-03	39	Site No:		FS0382			Date of		15/0	09/2020	15/0
Priority samples:	VI		ВА	_	PA	_	MG	Samplin	g. HI			
Time sampling starts/ends:	14:0	0:00	14:30	0:00		Inspecto	or:			VMD No	o. [18
Environmental condition	ns: 1	Indoors	2		3		4		5			
Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
Add Fish/Pools - click												
Pool/Fish No												
Fish nos	1	2										
Pool Group												
Species	SAL	SAL										
Average weight	2.9000	2.9000										
Sex												
Water Type	SW	SW										
Details	<u>0</u>	<u>o</u>										
)et	<u>8</u>	<u>s</u>										
	Balta Isle	Balta Isle										
Stock Origin Facility No		9										
() I dollity No	I	J										

ງ9/2020 Additional Sample Information:												
0 Total Tests assigned 0												

FHI 059, Version 13		Issued by: FHI			Date o	of issue	: 12/05/2020
Case Number:	2020-0339		Site No:	FS0382		Insp:	
Date of Visit	15/09/2020		No of m	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species		novements on from equivalent zone or	_	0	40	20	
species	Number of sup	ncluding third country	0		18 10	26 14	0
							0
Movements off	Frequency of m		0		6 6	10 10	0
Exposure via water	Number of des	Site contacts			6-10	10	U
Water contacts with other	Farm is protect	ed (secure water supply through	Ī		0-10		
farms (holding species	disinfection or l	porehole)	0				
susceptible to same diseases)		or in a coastal zone with category I or within 1 tidal excursion	1	2	4		2
uiscuscs)		or in a coastal zone with category III			7		
		n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V					
	farms upstream	n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within	No on farm pro	cessing	0]			
the rules of the directive	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2	1			
	Processing fish	from zone or compartment of					
	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	1			3
	Collection poin	t for waste from other farms	5	1			
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	1			0
	Feeding unpas	•	5				
Biosecurity		Number of sites	1	1 2 or 3	≥4		
Contacts with other sites	Sites operating	from single shorebase	Го	1	2		2
	Sites sharing s	taff and equipment	0		2		2
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1	1			
CoGP/Regulator	•			•			
Practices in accordance	Yes		0	1			0
with regulator or industry code of practice	No		3				
	l			1			
Platform access to cages	Yes		0				0
	No		2				
					Total		10
					Rank		LOW

FHI 059, Version 13		Issued by: FHI		Date of iss	ue: 12/05/2020				
Case No:	2020-0339		Site No:	FS0382					
•	ed sea lice problems in the previous	•			N				
3. Does the site have acc	nagement Area (or equivalent) fallo cess to a range of licenced in-feed a nectin benzoate) as well as access	and bath sea lice med	ications (ind	cluding deltamethrin,	N Y				
a de la deste est.	mented farm management agreeme	_			Υ				
5. Are sea lice count reco	ords available for inspection? (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 (L. salmor records are inspected? (nis) record levels below the suggest (CoGP Annex 6)	ted criteria for treatme	ent in the Co	oGP during the period that	Υ				
8. Have average adult fer	male sea lice (<i>L. salmonis</i>) numbers	s per fish been at a le	vel of 3 or a	above (prior to w/b 10/6/19) or	N				
If yes, have these been re	eported to the Fish Health Inspector	rate? If no, FHI see co	mment.		N/A				
9. Is C. elongatus infesta	ation at a level which is considered to	o cause significant we	elfare proble	ems? (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	been taken (where applicable)?				N/A				
12. Have therapeutic trea	atments or the actions taken had a s	significant impact upor	n the lice le	vels recorded?	N/A				
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									
· ·	c written lice management procedure	• •	_		Υ				
16. Do the sea lice levels	s observed on stocks reflect sea lice	count data? If no ple	ase detail re	easons.	Υ				
Containment Inspection	n								
Has the site experienc	ed equipment damage due to preda	tors in the current or	previous pr	oduction cycles?	N				
	to mitigate against the predation ex		•		Υ				
See additional comme	nts								
If other, detail below:									
0.11		! # !-!-!b ##	'4	- I+ FI II !	N.				
•	s or events been experienced on or	•	ite since the	e last FHI inspection?	N				
	tions 4 – 9. If No skip to question 10)							
· ·	rted to Scottish Ministers?	th arr arriat/2 (0.00	4 4 27 5 4	(47)					
· ·	rted to local DSFB forthwith (where	• ' '							
b. Have these been repo	rted to the SSPO and local fisheries	trusts forthwith (whei	re they exis	t)? (COGP = 4.4.37, 5.4.17)					
7. Were methods (if any)	used to recover escapees? If yes g	ive detail							
8. If all note were deploy	ed was this action agreed with local	wild fish interests and	d was norm	ission diven by Scottish					
Ministers? (Legal, CoGP	- 4.4.38, 5.4.18)		·						
	n to prevent and minimise the risk of		t covered in	n code but could					
	satisfactory measures of the Act)								
10. Is the site inspected a	as satisfactory with regards to conta	inment? If no, please	detail reaso	on(s)	Υ				

FHI 059, Version 13		Issued by: FHI	Date	of issue: 12/05/2020
Case No: 2020-0339	Site No:	FS0382		
Date of Visit: 15/	09/2020	Inspector:	1	
Point of Compliance				
1. Is the farm under inspection I	ocated within a far	rm management area?		Y
If N, no further questions require				
Points of Compliance for Bot 2. Has a current farm manager 3. Is the current FMAg/S availal 4. Does the FMAg/S identify the 5. Does the FMAg/S identify the 6. Does the FMAg/S identify the 7. Does the FMAg/S identify the	nent agreement or ble for inspection? e relevant farm man e fish farm site(s) to e date of commence	statement (FMAg/S) been pre nagement area? o which it applies?	epared?	Y Y Y Y Y
Arrangements for Fish Health 8. Does the FMAg/S identify the farm?		standards for the stocks to be	introduced to the area or	Y
 Does the FMAg/S identify the Does the FMAg/S identify the Does the FMAg/S identify the Individual farm? 	ne species of fish w	which may be stocked into the	area or farm?	Y Y Y
12. Does the FMAg/S identify the fish farm in the area or the indi		or the storage and disposal of	any dead fish from any	Y
Arrangements for The Manag 13. Does the FMAg/S identify a			numbers and treatments?	Y
14. Does the FMAg/S identify the of statement?	e availability and t	the use of medicines on farms	covered by the agreement	Y
15. Does the FMAg/S identify a lice on farms in the area or indiv	•	or the sensitivity testing of avai	ilable treatments for sea	Y
16. Does the FMAg/S identify thused on farms in the area or inc		under which biological controls	s and cleaner fish are to be	Y
17. Does the FMAg/S identify the	e arrangements fo	or synchronous treatments on	farms within the area?	Y
Live Fish Movements 18. Does the FMAg/S identify the	ne circumstances v	when live fish may be introduc	ed or removed from the	Y
area or farm?	o on carriotarioes v	mion into hom may be introduce		
19. Does the FMAg/S identify the or individual farms?	e arrangements fo	or the movement of live fish or	n and off sites in the area	Υ

FHI 059, Version 13	Issued by: FHI	Date	e of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable harvest p	practices on farms in the area or i	ndividual farms?	Y
Fallowing 21. Does the FMAg/S identify the dates by which the	ne area or individual farm will be f	allow and the earliest	Y
date when a farm or area may be restocked? 22. Does the FMAg/S identify whether one or more agreement or statement?	year classes may be stocked on	to sites covered by the	e Y
23. Does the FMAg/S identify whether broodstock covered by the agreement or statement?	or potential broodstock are to be	kept on any site	Y
Point of Compliance for Farm Management Agr 24. Does the farm management agreement include parties to the agreement?		come, or cease to be,	Y
Management and operation 25. Is the fish farm being managed and operated ir 26. What is the version no/date of issue of the FMA		or statement?	Y

Site No: FS0382 Case No: 2020-0339

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

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

0 N	0000 0000				45/00/000			
Case No:	2020-0339	J		Date of vis	it: 15/09/202	J.		
Site No:	FS0382	1		Inspecto	r:			
		4						
Results Summary	Freq.	5 / 1			ate of Notific		1.	
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
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	1							
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, SLI, VMD	01/12/2020							
	+							
	+							
	+							
	1							
	1							





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0095
 DATE OF VISIT
 15/09/2020

 SITE NO
 FS0382
 SITE NAME
 Uyea Isle

 INSPECTORS
 CASE NO
 20200339

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

Reports detailing the results of animal health surveillance carried out by or on behalf of the business 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: 01/12/20

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

FHI 059, Version 13	ls	Date of issue: 12/05/2020					
Case No: 2020-0378			Date of visit: 15/09/2020				
Time spent on site:	5 hrs	Main Inspect	or:				
Site No: FS0871 Business No: FB0095	Site Name: Business Name:	Winna Ness Cooke Aquaculture Scotland I	_td				
Case Types: 1 ECI 2	CNI 3 SLI	4 VMD 5	6				
Water Temp (°C): 12	Thermometer No:	T153	FHI 045 completed				
Observations:	Region: SH	Water type: S	CoGP MA S-2				
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet.							
UNI/REG only - if unable to carry out intended visit detail reason below:							

Additional Case Information:

Remote inspection carried out on 11/09/2020 by via Microsoft Teams

First choice for lice issues is the hydrolicer. The hydrlicer is used all around Shetland and is operted by the company. They may let the use of the hydrolicer to another company if not being used by Cooke.

Predator mitigartion methods: Bird nets, seal-pro sapphire (anti-predator) nets, tensioned nets, contract with pest control company at shorebase

ADD availble to use on shore base if required

Some sites in the FMS are not synchronised with the same year class of fish

Site inspection and sampling by

No issues noted or recorded on site, visibility excellent, fish shoaling well and showed a good feeding response. Operator has staff working in smaller teams 1 to 2 sites, due to Coronavirus. This may impact ability to inspect multiple sites on one day, unless operated by the same team.

One of the four sites (Winna Ness, Vee Taing, Burkewell and Uyea Isle) in the area will be fallowed each input, rotating through the sites.

Sites feed supplied by Cooke themselves and is reported to be going well

FHI 059, Version 13		_	Issue	ed by: FHI	_		Date of issue	e: 12/05/2020
Case No:	2020-0378		Site No:	FS0871				
Date of Visit:		15/09/2020	1		Inspector(s):			
Registration/Autho	risation Deta	ils						
1. Business/site deta	ails summary	checked by si	te representa	tive?			Υ	
2. Changes made to	details?						N	
Site Details (includ	e cleaner fisl	h for all secti	ons)					
Total No facilities		12	Facilities sto	cked	12	No facilitie	s inspected	12
Species	SAL							
Age group	19 S0							
No Fish	415,500							
Mean Fish Wt	2.8kg							
Next Fallow Date (Si	ite)	May 2020		Next Input Da	te (Site)	August 202	20	
Recent (last 4 wks)	disease probl	ems?		Y	Any escapes	(since last v	visit)?	N
If yes, detail:	AGD, gill sco	res on the wa	y up and fres	hwater treatme	ent conducted	(peroxide u	ised on cage	7 due to
 Date of last inspect Are records compt Are movement records compt Are records compt Are health certificat Transport Records Are any movement If yes, is there a syst 	lete and corre cords availabl lete and corre ates for introd	e for dead fishectly entered? uctions (outw	h and waste? ith GB) availa nalf) of the bu	ble?	•		08/11/2017	Y Y Y N/A
Mortality Records								
Mortality records a		-						Y
2. How are mortalitie	es disposed of	f?			Whole fish - 1	ΓWMA (She	etland)	
If other detail:								
3. Mortality records of	•	_						Y
4. Recent mortality (•			due to treatme	ents conducte	d to combat	AGD	
5. Evidence of recen		• •						Y
If yes, facility nos/no		•						
Cage 7 slightly higher due to peroxide treatment, at 177 fish in last 4 weeks								
6. Any other peaks in mortality during period checked?								
If yes, detail:								
7. Have increased (unexplained) mortalities been reported to vet or FHI? If yes, detail action: Not reported as the mortality was explained by treatment and below reporting thre								
If yes, detail action:							w reporting th	resnoid
8. Have 'mortality ev	ents been re	ported to FHI	r if no, enter o	details on morta	ality events sh	ieet.		Y

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020					
Treatments and Medici 1. Recent treatments (se			Y					
If yes, detail:	H2O2, T.M.S.							
If other, detail:								
2. Medicines records available for inspection?								
2. Are records complete and correctly entered?								

If yes, detail: T.M.S.	
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	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	ĭ
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of <i>increased (unexplained)</i> mortality at the site been included?	any
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?	uisease
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or high	gher Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to min	imise Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Described of Occasional Property	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems) Gross nathology associated y	with ACD observed

Records checked between: 08/11/2017 11/09/2020

П	ni 059, version 15							155	ueu by.				
	Case no:	2020-03	378	Site No:		FS0871			Date of		15/0	09/2020	15/0
	Priority samples:	VI		ВА		PA		MG	Samplin	g: HI			
	Time sampling starts/ends:	14:3	0:00	15:0	0:00		Inspecto	or:			VMD No	o.	17
	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	1	2										
	Pool Group												
	Species	SAL	SAL										
	Average weight	2.8000	2.8000										
	Sex												
	Water Type	SW	SW										
<u>0</u>		<u>o</u>	<u>e</u>										
Details		Balta Isle	Balta Isle										
		alta	alta										
Stock	Stock Origin Facility No												
Ċ.	Facility NO	2	8										

09/2020	09/2020 Additional Sample Information:												
0	0 Total Tests assigned 0												

FHI 059, Version 13		Issued by: FHI			Date o	of issue	: 12/05/2020
Case Number:	2020-0378		Site No:	FS0871		Insp:	
Date of Visit	15/09/2020		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species		novements on from equivalent zone or		_			
species		ncluding third country	0			26	0
	Number of sup		0	5	10	14	0
Movements off	Frequency of m		0			10	0
	Number of des		0			10	0
Exposure via water Water contacts with other	Icom is protect	Site contacts	0	1-5	6-10		
farms (holding species	disinfection or l	,	0				
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
		or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with	Any processing	plant discharging into adjacent waters		Secure	Onsecure		
processors			0	1	2		0
On farm processing within the rules of the directive	No on farm pro		0				
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	n from zone or compartment of us	4				
	Processing fish	8					
	Processing fish	n from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0]			
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0]			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 between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0	1			0
	No		2				
					Total		10
					Rank		LOW

FHI 059, Version 13		Issued by: FHI		Date of is	sue: 12/05/2020
Case No: 20	020-0378		Site No:	FS0871	
Is the CoGP Farm Mana Does the site have acces azamethiphos and emame	d sea lice problems in the previous agement Area (or equivalent) fallowers to a range of licenced in-feed a actin benzoate) as well as access the farm management agreement agreement.	wed synchronously or and bath sea lice medi to suitable biological a	cations (incl and/or mech	uding deltamethrin, anical control measures, an	N N Y
5. Are sea lice count recor	ds available for inspection? (Legal	SSI, CoGP Annex 6)			Y
6. Do records adequately r	reflect the required standard specif	fied in the SSI and the	CoGP? (Le	gal SSI, CoGP Annex 6)	Υ
7. Are sea lice (<i>L. salmonis</i> records are inspected? (C	s) record levels below the suggest toGP Annex 6)	ted criteria for treatme	nt in the Co	GP during the period that	Υ
If yes, have these been rep 9. Is <i>C. elongatus</i> infestati 10. Have therapeutic treati suggested criteria for treat 11. Has any other action b 12. Have therapeutic treati 13. Are treatments, where 14. Is there a harvesting st 15. Is there a site specific	ale sea lice (<i>L. salmonis</i>) numbers ported to the Fish Health Inspector on at a level which is considered to ments been administered or other ment or where <i>C. elongatus</i> is coneen taken (where applicable)? The ments or the actions taken had a suconducted, carried out in cooperate trategy for the site, where fewer powritten lice management procedure observed on stocks reflect sea lice	rate? If no, FHI see co o cause significant we actions taken when L nsidered to have welfa dignificant impact upon tion between participal opulations or part populations with waypoints desc	elfare problem salmonis leare implication the lice level ting farms? ulations are learning set ac	ms? (CoGP 4.3.81, 5.3.50) evels have exceeded the ons? (CoGP 4.3.82, 5.3.51) els recorded? held without treatment for ctions to deal with recognise	N/A N N/A N/A N/A Y
	d equipment damage due to preda o mitigate against the predation ex ts	•	•	duction cycles?	N Y
If other, detail below:					
If Yes proceed with question 4. Have these been reported 5. Have these been reported 5.	or events been experienced on or ons 4 – 9. If No skip to question 10 ed to Scottish Ministers? ed to local DSFB forthwith (where t	they exist)? (CoGP –	4.4.37, 5.4.	17)	N
7. Were methods (if any) u	sed to recover escapees? If yes g	ive detail			
Ministers? (Legal, CoGP – 9. What action was taken to be considered under sa	d was this action agreed with local 4.4.38, 5.4.18) to prevent and minimise the risk of atisfactory measures of the Act) a satisfactory with regards to conta	further escapes? (No	t covered in	code but could	Y

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0378	Site No: FS0871	
Date of Visit: 15/09/202	0 Inspector:	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Υ
If N, no further questions require comp	pletion.	
2. Has a current farm management ag3. Is the current FMAg/S available for i4. Does the FMAg/S identify the relevant5. Does the FMAg/S identify the fish far	ant farm management area? arm site(s) to which it applies? of commencement of the agreement or state	red? Y Y Y Y
Arrangements for Fish Health Mana 8. Does the FMAg/S identify the minim farm?	gement num health standards for the stocks to be into	roduced to the area or Y
10. Does the FMAg/S identify the spec	nation requirements for stocks held in the are sies of fish which may be stocked into the are imum stocking density of any pen on any far	ea or farm?
12. Does the FMAg/S identify the arrar fish farm in the area or the individual f	ngements for the storage and disposal of angarm?	y dead fish from any
Arrangements for The Management 13. Does the FMAg/S identify arranger	of Sea Lice ments for the sharing of data on sea lice nun	nbers and treatments?
14. Does the FMAg/S identify the avail of statement?	ability and the use of medicines on farms co	vered by the agreement Y
15. Does the FMAg/S identify any require on farms in the area or individual fa	uirements for the sensitivity testing of availab arms?	le treatments for sea
16. Does the FMAg/S identify the circu used on farms in the area or individual	ımstances under which biological controls ar l farms?	nd cleaner fish are to be
17. Does the FMAg/S identify the arrar	ngements for synchronous treatments on far	ms within the area?
Live Fish Movements 18. Does the FMAg/S identify the circularea or farm?	ımstances when live fish may be introduced	or removed from the
19. Does the FMAg/S identify the arrar or individual farms?	ngements for the movement of live fish on ar	nd off sites in the area

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable harvest prac	ctices on farms in the area or individual farm	s? Y
Fallowing 21. Does the FMAg/S identify the dates by which the	area or individual farm will be fallow and the	earliest Y
date when a farm or area may be restocked? 22. Does the FMAg/S identify whether one or more yeagreement or statement?	ear classes may be stocked onto sites covere	ed by the
23. Does the FMAg/S identify whether broodstock or covered by the agreement or statement?	potential broodstock are to be kept on any si	te Y
Point of Compliance for Farm Management Agree 24. Does the farm management agreement include a parties to the agreement?		se to be, N/A
Management and operation 25. Is the fish farm being managed and operated in a 26. What is the version no/date of issue of the FMAg/		? Y

Site No: FS0871

Case No: 2020-0378

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

0 N	0000 0070			D	45/00/000	2		
Case No:	2020-0378	l		Date of vis	it: 15/09/202	J.		
Site No:	FS0871	1		Inspecto	r:			
Results Summary	Freq.	5 / 1			ate of Notifica		1.	
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
					_		_	
	+							
					_			
					_			
	+				-			
					_			
					_			
					_			
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, SLI, VMD	01/12/2020							





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0095
 Date of Visit
 15/09/2020

 Site No
 FS0871
 Site Name
 Winna Ness

 Inspectors
 Case No
 20200378

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

Reports detailing the results of animal health surveillance carried out by or on behalf of the business 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 https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

Date: 01/12/20

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020						
Case No: 2020-0387			Date of visit: 21/09/2020						
Time spent on site:	1 hour	Main Inspect	tor:						
Site No: FS0913 Business No: FB0391	Site Name: Business Name:	Wester Fearn Highland Salmon Company L	td						
Case Types: 1 VMD	2 3	4 5	6						
Water Temp (°C):	Thermometer No:		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 N N N N N N N N N N N									
UNI/REG only - if unable to carr	UNI/REG only - if unable to carry out intended visit detail reason below:								

Additional Case Information:

Eggs came onto site in February 2020 from MOWI Ireland. Fish will be moved off site towards the end of October/beginning of November 2020 to Cookes Loch Shin site.

Eggs were dipped in Buffodine, and fish were dip vaccinated against ERM in June 2020. No treatments have occurred since then.

Very low mortality observed across the site. Any mortalities that do occur have been attributed to poor performers.

FHI 059, Version 13	;		Issu	ed by: FHI			Date of issu	e: 12/05/2020
Case No:	2020-0387		Site No:	FS0913				
Date of Visit:		21/09/2020]		Inspector(s):			
Registration/Autho	orisation Deta	ils						
1. Business/site det			ite representa	ative?			Υ	1
2. Changes made to	•	·	·				N]
Site Details (includ	de cleaner fis	h for all secti	ions)					
Total No facilities		14	Facilities sto	cked	11	No facilitie	s inspected	11
Species	SAL							
Age group	S1							
No Fish	322, 000							
Mean Fish Wt	30g							
Next Fallow Date (S	Site)	Oct/Nov 202	0	Next Input Da	ate (Site)	February 2	2021	
Recent (last 4 wks)	disease proble	ems?		N	Any escapes	s (since last	visit)?	N
If yes, detail:								
Movement Record	s							
1. Movement record		inspection?						Y
2. Date of last inspe		·					28/10/2019	•
3. Are records comp		ectly entered?	•					Y
4. Are movement re		•		•				N/A
5. Are records comp	plete and corre	ectly entered?	•					N/A
6. Are health certific		•		able?				Y
Transport Records	S							
1. Are any moveme		by (or on bel	half) of the bu	usiness (not us	ing a STB)?			
If yes, is there a sys		• '		•	~			
Mortality Records								
1. Mortality records	available for in	nspection?						Y
2. How are mortaliti	es disposed o	f?			Other (detail)			
If other detail:	Permission of	ranted from	SEPA to bury	mortalities on	site.			
3. Mortality records	complete and	correctly ente	ered?					Y
4. Recent mortality	(last 4 wks):		31 mortalitie	s (0.01%) obse	erved across s	site in the m	onth of Augus	st 2020.
5. Evidence of rece	nt increased/a	typical mortal	ities?					N
If yes, facility nos/no	o mortality per	facility/no sto	ck per facility	/reason:				
6. Any other peaks	in mortality du	ring period ch	ecked?					N
If yes, detail:								
7. Have increased (unexplained) ı	nortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	vents' been re	oorted to FHI	? If no, enter	details on mort	tality events sh	neet.		N/A

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Treatments and Medicines Records		

Treatments and Medicines Records	
1. Recent treatments (see comment)?	N
If yes, detail:	
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?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
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?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	
health status, certification if required)?	
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	
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?	
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
December the about histories and 100/40/0040 44/00/0000	

Records checked between: 28/10/2019 - 11/09/2020

FITI 009, VEISIOII 13														
	Case no:	2020-03	387	Site No:		FS0913			Date of vis		21/0	09/2020		
	Priority samples:	VI		ВА		PA		MG	Sampling.	н				
	Time sampling starts/ends:	14:3	0:00	15:0	0:00		Inspecto	or:			VMD No	o.	2	
	Environmental conditions:	1	Dry	2		3		4		5				
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples	
A	dd Fish/Pools - click													
	Pool/Fish No													
	Fish nos	1-5	6-10											
	Pool Group													
	Species	SAL	SAL											
	Average weight	30g	30g											
	Sex													
	Water Type	FW	FW											
		7	7											
		<u>a</u>	an											
ails		<u>e</u>	<u>e</u>								,			
Details	1	₹	₹											
쏫	Stock Origin	MOWI Ireland	MOWI Ireland											
Stock	Facility No	<u>≥</u>	<u>≥</u>											
(U	1 40	10	11											

	Additional Sample Information:													
0	1	Total Te	ests ass	signed	0	l								

Site No: FS0913

Case No: 2020-0387

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2020-0387			Date of visit:	21/09/2020]						
Site No:	FS0913	1		Inspector:		ı						
Results Summary	Freq.			Date of Notification								
,	·	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp				
Poport Summary												
Report Summary	Doto	lnon	ond L									
Case Type	Date	Insp	2 nd Insp									
VMD	02/11/2012											





Highland Salmon Company Ltd New House Ardchronie Ardgay, Sutherland IV24 3DJ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0391
 DATE OF VISIT
 21/09/2020

 SITE NO
 FS0913
 SITE NAME
 Wester Fearn

 INSPECTOR
 CASE NO
 20200387

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

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

Samples were taken to be analysed for veterinary residues.

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

Medicine records were inspected and found to be adequately maintained.

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

Mortality records were inspected and found to be adequately maintained.

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: 02/11/2020

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

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FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2020-0388			Date of visit: 22/09/2020			
Time spent on site:	hours	Main	Inspector:			
Site No: FS0770 Business No: FB0398	Site Name: Business Name:	Duartmore Loch Duart Ltd				
Case Types: 1 VMD	2 ECI 3 CNI	4 5	6			
Water Temp (°C): 13.6	Thermometer No:	T147	FHI 045 completed			
Observations:	Region: HI	Water type: F	CoGP MA:			
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	·	N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N				
UNI/REG only - if unable to carry	out intended visit detai	l reason below:				

Additional Case Information:

Dead fish waste taken to Badcall prior to being transported to Gray Composting. Fish waste movements to Badcall recorded in site diary.

A proportion of the fish reared at Duartmore are transferred to Loch Na Thuille in October each year where they remain until seawater transfer in April of the following year. Eggs are received from Landcatch Ormsary and are from the companies own broodstock located at Geisgeil.

FHI 059, Version 13			Issu	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2020-0388		Site No:	FS0770)			
Date of Visit:		22/09/2020			Inspector(s):			
Registration/Author	orisation Deta	ıils						
1. Business/site deta			ite representa	ative?			Υ	
2. Changes made to	•	ŕ	·				N	
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities		23	Facilities sto	cked	21	No facilitie	es inspected	21
Species	SAL							
Age group	2019 S1							
No Fish	580,000							
Mean Fish Wt	~35g							
Next Fallow Date (S		March 2021	•	Next Input Da	ate (Site)	July/Augu	st 2021	
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
Movement Record	e							
Movement record		r inspection?						Y
2. Date of last inspe		ороошо					30/10/2018	
3. Are records comp		ectly entered?	•				30/10/2010	N
4. Are movement re		•						Y
5. Are records comp								Y
6. Are health certific		•		able?				N/A
Transport Records								
1. Are any moveme		by (or on be	half) of the bu	siness (not us	ing a STB)?			Y
If yes, is there a sys		• '		· ·				Y
Mortality Records								
1. Mortality records	available for in	nspection?						Y
2. How are mortalities					Other (detail)		
If other detail:	<u>_</u>		sting (Aberde	enshire)	(0.000	/		
3. Mortality records								Y
4. Recent mortality		,		(0.06%). Wk	35: 5.598 (0.0	4%). Wk34:	2,898 (0.02%)). Wk33:
5. Evidence of recer	` ,	typical mortal		(0100,0), 1110	22, 2,222 (212	.,,,,	_,000 (010_70	N
If yes, facility nos/no		* *		/reason:			•	
		·	· ·					
6. Any other peaks i	n mortality du	ring period ch	ecked?					N
If yes, detail:								
7. Have increased (unexplained) i	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								\$ 175
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.								N/A

Treatments and Me	edicines Records	
1. Recent treatments	s (see comment)?	Y
If yes, detail:	Formalin	
If other, detail:		
	s available for inspection?	Y
•	lete and correctly entered?	Y
4. Are fish in a withdr		Y
5. If yes, what treatm	nent(s)? Formalin	
If other, detail:		
6. Are medicines stor	red appropriately?	Y
Biosecurity Record	·	
· ·	ls available for inspection?	Y
	and frequency of mortality removal, recording and safe disposal been considered?	Y
	and period in which the APB will notify Scottish Ministers or veterinary professional of any	V
, ,	ned) mortality at the site been included?	Y
	at will be taken in the event that the presence or suspicion of the presence of a listed disease	V
	luded and how and when that will be notified to Scottish Ministers?	ľ
	atus of aquaculture animals being stocked on the farm site been covered (equal or higher	Ť
health status, certification	ation in required)?	
6 Have the bushend	dry and biosecurity measures implemented between each epidemiological unit to minimise	
	ase been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
	available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals		
•	rity procedures been adequately implemented on site?	Y
If no, detail:	ny procedures been adequately implemented on site:	·
, actam		
Results of Surveilla	ance	
	ealth surveillance been carried out by, or on behalf of, the business?	Y
•	available for inspection?	Y
3. Any significant res	·	N
	etailed under recent disease problems).	
,		
R	Records checked between: 11/09/2019 - 14/09/2020	

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2020-0388		Site No:	FS0770		Insp:	
Date of Visit	22/09/2020		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or acluding third country	0	9	18	26	
	Number of supp		0			14	0
Movements off	Frequency of m	novements off	T 0	3	6	10	10
Wovernonie on	Number of dest		0		6	10	3
Exposure via water		Site contact	s 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
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent water	0	1	2		0
On farm processing within the rules of the directive	No on farm pro-		0				0
	Processing owr	n fish (re-cycling risk)	1				
		from MS of equivalent status	2				
	Processing fish equivalent statu	from zone or compartment of	4				
		from Category III farm	8				
	Processing fish	from Category V farm	10	-			
Disposal of fish and fish by-	Site's own wast	te only processed.	0	1			0
products	Common proce	esses with other farms	3				
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	1			0
	Feeding unpast	teurised feed	5				
Biosecurity		Number of site	s 1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing st	taff 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		0				0
	No		2				
					Total		16
					Rank		MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0388	Site No:	FS0770
Sea Lice Inspection (Seawater Sites Only)		
1. Has the site experienced sea lice problems	s in the previous 4 years?	
2. Is the CoGP Farm Management Area (or e	•	e vear class basis?
3. Does the site have access to a range of lice		including deltamethrin,
4. Is there a signed documented farm manage Management Area (or equivalent)?	1 -4 4	
5. Are sea lice count records available for ins	pection? (Legal SSL CoGP Annex 6)	
	standard specified in the SSI and the CoGP?	(Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels bel records are inspected? (CoGP Annex 6)	low the suggested criteria for treatment in the	CoGP during the period that
8. Have average adult female sea lice (L. sali	monis) numbers per fish been at a level of 3 o	r above (prior to w/b 10/6/19) or
If yes, have these been reported to the Fish H	lealth Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level which	is considered to cause significant welfare pro	blems? (CoGP 4.3.81, 5.3.50)
10. Have the rapeutic treatments been admini suggested criteria for treatment or where ${\it C.}$ ${\it C.}$	stered or other actions taken when <i>L. salmoni</i> elongatus is considered to have welfare implic	
11. Has any other action been taken (where a	applicable)?	
12. Have therapeutic treatments or the action	s taken had a significant impact upon the lice	levels recorded?
13. Are treatments, where conducted, carried	out in cooperation between participating farm	s?
14. Is there a harvesting strategy for the site,	where fewer populations or part populations a	are held without treatment for
	ement procedure with waypoints describing se	
16. Do the sea lice levels observed on stocks	reflect sea lice count data? If no please detail	I reasons.
Containment Inspection		
•	ge due to predators in the current or previous	production cycles?
 Are measures in place to mitigate against t 		
Outer fence surrounding tanks and top no		
If other, detail below:	So. 1 Got Gothi Grandet Will Tromonii.	
3. Have escape incidents or events been exp	perienced on or in the vicinity of the site since	the last FHI inspection?
If Yes proceed with questions 4 – 9. If No skip	to question 10	
4. Have these been reported to Scottish Minis	sters?	
5. Have these been reported to local DSFB for	orthwith (where they exist)? (CoGP $-4.4.37$, 5	5.4.17)
6. Have these been reported to the SSPO and	d local fisheries trusts forthwith (where they ex	xist)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover esc	apees? If yes give detail	
O. If will make your dealers do		maiosia a sirem hu Coottish
8. If gill nets were deployed was this action ac Ministers? (Legal, CoGP – 4.4.38, 5.4.18)		
9. What action was taken to prevent and mini	mise the risk of further escapes? (Not covered	d in code but could
be considered under satisfactory measure	· · · · · · · · · · · · · · · · · · ·	
10. Is the site inspected as satisfactory with re	egards to containment? If no, please detail rea	ason(s) Y

ы	al 059, version 13							ISS	uea by: F	ПІ			
	Case no:	2020-03	388	Site No:		FS0770			Date of vi		22/0	09/2020	
	Priority samples:	VI		ВА		PA		MG	Sampling	HI			
	Time sampling starts/ends:		00:00		0:00		Inspecto	or:		_	VMD No	o. 	3
	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	1-8	9-13										
	Pool Group												
	Species	SAL	SAL										
	Average weight	30g	30g										
	Sex												
	Water Type	FW	FW										
									_				
9		≥	≥						_				
Details		ISa	ısa										
쏫	Stock Origin	Ormsary	Ormsary										
Stock	Facility No	B3	E1										
U)	1. 0.0	100	_ '										

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

Site No: FS0770

Case No: 2020-0388

Nature of non-compliance:

Action taken (FHI):

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

O N .	0000 0000	1		5	00/00/0000						
Case No:	2020-0388	J		Date of visit:	22/09/2020	<u>'</u>					
Site No:	FS0770]		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, CNI, VMD	02/11/2020		2 11100								





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 FS0770
INSPECTOR

DATE OF VISIT 22/09/2020 SITE NAME Duartmore CASE NO 20200388

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. Codes were being used for destination sites. It was agreed with the site manager that future records of movements will include the Marine Scotland reference number (FS number).

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 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 https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

Date: 02/11/2020

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020				
Case No: 2020-0389			Date of visit: 22/09/2020				
Time spent on site:	hours	Main Inspe	ctor:				
Site No: FS0065 Business No: FB0398	Site Name: Business Name:	Loch Laxford Loch Duart Ltd					
Case Types: 1 VMD 2	ECI 3 CNI	4 SLI 5	6				
Water Temp (°C): 12.8	Thermometer No:	T147	FHI 045 completed				
Observations:	Region: HI	Water type: S	CoGP MA: M-3				
Dead/weak/abnormally behaving 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. N					
UNI/REG only - if unable to carry	out intended visit detai	reason below:					

Additional Case Information:

Waste is collected by DK Transport at the shorebase before being transported to Grays Composting.

Fish came on from landcatch.

FW treatment conducted in April 2020 for AGD. Mortalities reduced in the following weeks. No other treatments.

Fish are health screened every 2 weeks by company biologist.

FVG report from July 2020 identified PD in current stock, however it is not causing any significant mortalities as yet.

Site only conducts deadhaul harvests which are transported to MOWI's processing plant in Fort William. This is due to be reviewed when companies own processing plant in Dingwall begins operations towards the end of the year.

Site is currently stocked with Ballen wrasse (both wildcaught and farmed). Farmed wrasse were transferred from Otter Ferry.

Morts attributed to AGD. Average lice numbers reported to be 10 all stages caligus. Increase levels of caligus observed on the fish. It is hoped the wrasse on site will bring the numbers down.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	ie: 12/05/2020
Case No:	2020-0389		Site No:	FS0065				
Date of Visit:		22/09/2020	ı		Inspector(s):			ı
Registration/Author	risation Deta	ails						
1. Business/site deta			ite renresenta	ative?			Υ	1
2. Changes made to	•						Y	•
Site Details (includ	a cleaner fis	h for all socti	ions)					
Total No facilities	c cicarici iis	24	Facilities sto	cked	20	No facilitie	s inspected	20
Species	SAL	WRS	i aciiiles sio	- CREC	20	NO facilitie	Inspected	20
Age group								
	2019 S0	Mixed						
No Fish	377, 000	10, 900						
	1.75kg	Wildcaught						
		~160g;						
		Farmed						
Mean Fish Wt		~41g						
Next Fallow Date (S	ite)	May 2021		Next Input Da	<u>ıt</u> e (Site)	October 20	021	
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
 Movement record Date of last inspe Are records comp Are movement re Are records comp Are health certific Transport Records Are any movement yes, is there a sys Mortality Records	ction: plete and corr cords availabelete and corr ates for introde	ectly entered? le for dead fisl ectly entered? ductions (outw	h and waste? ith GB) availa	able? usiness (not usi	-		06/06/2017	Y Y Y N/A
Mortality records	available for i	nspection?						Y
2. How are mortalities					Other (detail)			
If other detail:		Grays Compo	ooting (Abord	oonobiro)	Otrici (detail)			
3. Mortality records				eensille).				V
		-		0.000() 14/1.05	400 (0.400()	14/1.00 507	. (0.400() \\	07.000
4. Recent mortality (•			0.06%), Wk35;	; 439 (0.12%),	WK36; 587	(0.16%), VVI	
5. Evidence of recer		* *		,				N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility.	/reason:				
6. Any other peaks i	n mortality du	iring period ch	ecked?					N
If yes, detail:								
7. Have increased (unexplained)	mortalities bee	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.								

Treatments and medicines records	_	
1. Recent treatments (see comment)?		Y
If yes, detail: T.M.S.		
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)?	S.	
If other, detail:		
6. Are medicines stored appropriately?	L	Y
Biosecurity Records		
Biosecurity records available for inspection?		Y
2. Has the manner and frequency of mortality removal, recording a	and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish	Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	· · · · · · · · · · · · · · · · · · ·	Y
4. Has the action that will be taken in the event that the presence	or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified	to Scottish Ministers?	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)?	_	
Have the husbandry and biosecurity measures implemented be	etween each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors	s, 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 b	ehalf of, the business?	Y
2. If yes, are results available for inspection?		Y
3. Any significant results?		Y
If yes, detail (if not detailed under recent disease problems).	PD detected in May 2020, but not causi	ing
Records checked between: 10/0	9/2019 - 11/09/2020	

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2020-0389		Site No:	FS0065		Insp:	
Date of Visit	22/09/2020		No of m	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or notuding third country	0	9	18	26	
	Number of sup	<u> </u>	0		10	14	0
Movements off	Frequency of n	novements off	T 0	3	6	10	0
	Number of des		0		6	10	0
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or I	,	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 upstream	or in a coastal zone with category III	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro		0				0
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	from zone or compartment of	4				
		r from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0				0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	ĺ			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total		3
					Rank		LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0389	Site No:	FS0065
Sea Lice Inspection (Seawater Sites Only)		
1. Has the site experienced sea lice problems	in the previous 4 years?	Y
·	quivalent) fallowed synchronously on a single y	vear class basis?
3. Does the site have access to a range of lice	enced in-feed and bath sea lice medications (in well as access to suitable biological and/or med	ncluding deltamethrin,
4. Is there a signed documented farm manage Management Area (or equivalent)?	ement agreement or statement relevant to the s	site and CoGP Farm Y
5. Are sea lice count records available for insp	pection? (Legal SSI, CoGP Annex 6)	Υ
6. Do records adequately reflect the required s	standard specified in the SSI and the CoGP? (I	Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels belorecords are inspected? (CoGP Annex 6)	ow the suggested criteria for treatment in the C	coGP during the period that
8. Have average adult female sea lice (L. saln	monis) numbers per fish been at a level of 3 or	above (prior to w/b 10/6/19) or N
If yes, have these been reported to the Fish H	lealth Inspectorate? If no, FHI see comment.	N/A
9. Is C. elongatus infestation at a level which	is considered to cause significant welfare probl	lems? (CoGP 4.3.81, 5.3.50) N
· ·	stered or other actions taken when <i>L. salmonis</i> longatus is considered to have welfare implicated.	
11. Has any other action been taken (where a	pplicable)?	Υ
12. Have therapeutic treatments or the actions	s taken had a significant impact upon the lice le	evels recorded?
13. Are treatments, where conducted, carried	out in cooperation between participating farms	? Y
14. Is there a harvesting strategy for the site,	where fewer populations or part populations are	e held without treatment for Y
15. Is there a site specific written lice manage	ment procedure with waypoints describing set	actions to deal with recognised Y
16. Do the sea lice levels observed on stocks	reflect sea lice count data? If no please detail i	reasons. Y
Containment Inspection		
	ge due to predators in the current or previous p	
·	he predation experienced on site? (Detail below	V) Y
ADD, MML, Predator nets, Seal blinds, Te	ensioned nets and Top nets.	
If other, detail below:		
3 Have escape incidents or events been exp	erienced on or in the vicinity of the site since th	ne last FHI inspection?
If Yes proceed with questions 4 – 9. If No skip	· ·	it last i'il illopositori.
4. Have these been reported to Scottish Minis	•	aquacultu
•	rthwith (where they exist)? (CoGP – 4.4.37, 5.4	
	d local fisheries trusts forthwith (where they exis	
7. Were methods (if any) used to recover esca	apees? If yes give detail	
8. If gill nets were deployed was this action ag Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	reed with local wild fish interests and was pern	nission given by Scottish
9. What action was taken to prevent and minir	mise the risk of further escapes? (Not covered	in code but could
be considered under satisfactory measur	es of the Act)	
·	egards to containment? If no, please detail reas	son(s)

П	mi 059, version 15							155	ueu by. r	ш			
	Case no:	2020-03	389	Site No:		FS0065			Date of v Sampling		22/0	09/2020	
	Priority samples:	VI		ВА		PA		MG	Sampling	J. HI			
	Time sampling starts/ends:		00:00		0:00		Inspecto	or:			VMD No).	31
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
	Fish nos	1	2	3	4	5							
		I		ა	4	ວ							
	Pool Group Species	SAL	SAL	SAL	SAL	SAL							
	Average weight		2kg		2kg	2kg							
	Sex	zky	zky	zky	zky	zky							
	Water Type	SW	SW	SW	SW	SW							
	Water Type	377	300	300	300	300							
U.	2												
Details		Ormsary	Ormsary	Ormsary	Ormsary	ary							
		JIS	J SL	πSi	πS	υSi							
Stock	Stock Origin	Ori	l ö	Ori	Ori	Ormsary							
S.	Facility No	Q19	Q16	P3	P10	P2							
-													

Additional Sample Information:												
0		Total To	ests ass	igned	0							

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
	Site No: FS0065	Date of Issue. 12/03/2020
2020-0389	Site No. F30065	
Date of Visit: 22/09/2020	Inspector:	
Point of Compliance		
Is the farm under inspection located with the farm u	ithin a farm management area?	Y
If N, no further questions require complet		
•	Management Agreements and Statemen	
z. Has a current farm management agree 3. Is the current FMAg/S available for ins	ement or statement (FMAg/S) been prepa	Y
4. Does the FMAg/S identify the relevant	•	Y
5. Does the FMAg/S identify the fish farm	•	Y
•	commencement of the agreement or state	ment? Y
7. Does the FMAg/S identify the date of r	review?	Y
Arrangements for Fish Health Manage	ement	
8. Does the FMAg/S identify the minimun	m health standards for the stocks to be into	roduced to the area or Y
farm?		
	tion requirements for stocks held in the are	
	s of fish which may be stocked into the are um stocking density of any pen on any fare	
individual farm?	and occording denotity of any pointern any fair	The first of the control of the cont
•	ements for the storage and disposal of any	y dead fish from any
fish farm in the area or the individual farr	m?	
Arrangements for The Management of	Sea Lice	
	ents for the sharing of data on sea lice num	nbers and treatments?
4.4. Door the FAAA v/C ideatify the consider	ilita and the constant and initial and a formation	V
of statement?	oility and the use of medicines on farms co	vered by the agreement
	ements for the sensitivity testing of availab	le treatments for sea
lice on farms in the area or individual farr		
	stances under which biological controls ar	nd cleaner fish are to be
used on farms in the area or individual fa		
17. Does the FMAg/5 identity the arrange	ements for synchronous treatments on far	ms within the area?
Live Fish Movements		
•	stances when live fish may be introduced	
area or farm?	oments for the movement of live fish an av	
or individual farms?	ements for the movement of live fish on ar	iu on sites in the area

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable	harvest practices on farms in the area or indiv	vidual farms?
date when a farm or area may be restocke		
22. Does the FMAg/S identify whether one agreement or statement?	e or more year classes may be stocked onto s	sites covered by the Y
23. Does the FMAg/S identify whether brocovered by the agreement or statement?	odstock or potential broodstock are to be kep	ot on any site
Point of Compliance for Farm Manager 24. Does the farm management agreeme parties to the agreement?	nent Agreements Only nt include arrangements for persons to becor	me, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and op 26. What is the version no/date of issue o	perated in accordance with the agreement or f the FMAg/S? 2019	statement?

Site No: FS0065 Case No: 2020-0389

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

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

Case No:	2020-0389			Date of visit:	22/09/2020]			
Site No:	FS0065	Inspector:							
Results Summary	Freq.			Date of Notification					
, and the second		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
						_			
							-		
	<u> </u>	-							
Report Summary	D (- nd -						
Case Type	Date	Insp	2 nd Insp						
ECI, CNI, SLI, VMD	02/11/2020								





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0398Date of Visit23/09/2020Site NoFS0065Site NameLoch LaxfordInspectorCase No20200389

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

Reports detailing the results of animal health surveillance carried out by or on behalf of the business 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 https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

Date: 02/11/2020

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0392			Date of visit: 17/09/2020
Time spent on site:	5 hours	Main Inspe	ector:
Site No: FS0468 Business No: FB0134	Site Name: Business Name:	Loch Tralaig Kames Fish Farming Ltd	
Case Types: 1 WEL 2	2 3	4 5	6
Water Temp (°C): 13.6	Thermometer No:	Site	FHI 045 completed
Observations:	Region: ST	Water type: F	CoGP MA:
Dead/weak/abnormally behaving to Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see additional in	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:	

Additional Case Information:

Accompanied APHA vet for site inspection following welfare complaint in relation to mortalities and moribund fish observed on site.

Site inspection conducted on 17/09/2020 with verbal information provided on mortalities and treatments. Record checks carried out remotely on 22/09/2020. Movement records not checked.

Site manager reported that following vaccination (w/c 10/08) the water temperature on site was approximately 19-20C and therefore did not carry out a formalin treatment immediately. He had thought the water temperature was high enough to avoid issues with fungus. However, fungus did become established resulting in increased mortality - although below the reporting criteria.

First signs of fungus were observed on 19 August and formalin treatments were started on 21 August. Morts started to drop down again around 10/09. The site licence conditions allow for the treatment of 2 cages per day, so treatments take place over 2 days for the whole site.

In future the site manager plans to treat immediately following vaccination to avoid fungus becoming established in the stock.

Mortalities are removed from site in bins and transferred to the shore base at Kilmelford for ensiling. Morts are normally immediately transferred to the ensiling system but there was a breakdown in the system recently resulting in bins being stored until it was fixed. Waste transfer record for last batch of ensiled waste checked - removed by Ferguson's Transport to Energen biogas on 6 August 2020.

Mortality over last 5 weeks - (week ending) - 22/08 - 1.35%, 29/08 - 1.44%, 05/09 - 1.48%, 12/09 - 1/19%, 19/09 - 0.28%. Total mortality of 8829 attributed to fungus. Cages 2 and 3 were more affected by fungus. Morts peaked at 300/day for cage 3 and 245/day for cage 2 on 30/31 August. Cages 4 and 5 peaked at 78 and 89 respectively - a week earlier than cages 2 & 3. Morts over last few days - 0-29/cage/day.

Formalin treatments were initially carried out every second day, with gradual increase in time between treatments as fungus levels reduced. Treating 2 cages on day of visit - this was 5 days after the previous treatment. One more treatment for each cage due before stock transferred to sea at end of September/beginning October.

Mortalities had been removed from 2 cages prior to inspection with 16 from one cage and 29 from the second cage. Very few dead fish seen - 2 or 3 per cage floating on surface. No moribund fish seen.

Treatment records were completed correctly for the majority of treatments but it was noted that anaesthetic use for vaccination had not been recorded this year. This had been recorded for previous years.

FHI 059, Version 1	059, Version 13 Issued by: FHI						Date of issue	: 12/05/2020
Case No:	2020-0392		Site No:	FS0468	3			
Date of Visit:		17/09/202	0		Inspector(s)	:		
Registration/Auth	norisation Det	ails						
1. Business/site de			site represen	tative?			N	
2. Changes made	to details?	·					N/A	
Site Details (inclu	ıde cleaner fis	sh for all sec	tions)					
Total No facilities		5	Facilities st	ocked	4	No facilitie	s inspected	4
Species	SAL							
Age group	Parr							
No Fish	200,076							
Mean Fish Wt	91g							
Next Fallow Date (Site)	End Septen	nber 2020	Next Input Da	ate (Site)	Summer 2	021	
Recent (last 4 wks) disease prob	lems?		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Any escape	s (since last	visit)?	N
If yes, detail:	Saprolegnia	à						
Movement Record 1. Movement record 2. Date of last insp 3. Are records com 4. Are movement records com 5. Are records com 6. Are health certified Transport Record 1. Are any movement yes, is there a sy Mortality Records 1. Mortality records	rds available for pection: hiplete and correctords available in plete and correctes for introduction carried or extern in place	rectly entered ole for dead fi rectly entered ductions (out ut by (or on be for maintenal	? sh and waste ? with GB) avai	lable? ousiness (not us	•		26/02/2019	N/A N/A Y Y N/A
•		•			Othor (data)	31		Y
How are mortaling of the detail:			** boss		Other (detai	1)		
 Mortality records 		(ilmelford sho						
•	•	u correctly en						<u>'</u>
 Recent mortality Evidence of recent 	•	otypical marta		nal information	•			
				w/rooson:			L	<u>'</u>
If yes, facility nos/r See additional info		i racility/110 St	ock per racilit	y/16asUII.				
6. Any other peaks		uring period o	hockod2					N
If yes, detail:	III mortality di	aring period c	HOUNCU:					- 11
7. Have increased	(unexplained)	mortalities be	een reported	to vet or FHI?				N/A
If yes, detail action								
8. Have 'mortality e	events' been re	eported to FH	I? If no, enter	details on mor	tality events s	sheet.		N/A

Treatments and Medicines Records
1. Recent treatments (see comment)?
If yes, detail: Formalin T.M.S.
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)? Formalin
If other, detail:
6. Are medicines stored appropriately?
Biosecurity Records
Biosecurity records available for inspection?
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?
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?
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?
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher
health status, certification if required)?
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
aquaculture animals held on site?
8. Have the biosecurity procedures been adequately implemented on site?
If no, detail:
ii iio, dotaii.
Results of Surveillance
Has any animal health surveillance been carried out by, or on behalf of, the business?
2. If yes, are results available for inspection?
3. Any significant results?
If yes, detail (if not detailed under recent disease problems).
il yes, detail (il flot detailed dildel recent disease problems).
Records checked between: 13/07/2020 - 22/09/2020
13/01/2020 - 22/03/2020

Case No:	2020-0392			Date of visit:	17/09/2020]				
Site No:	FS0468	1		Inspector:						
Results Summary	Freq.			Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
	-									
	+									
	+									
	1									
			=							
	+									
	_									
Report Summary										
Case Type	Date	Insp	2 nd Insp							
WEL	23/09/2020									
Case completion	05/11/2020									
	+									
	+									
	†									





Kames Fish Farming Ltd Kilmelford Oban Argyll PA34 4XA

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0134
 Date of Visit
 17/09/2020

 Site No
 FS0468
 Site Name
 Loch Tralaig

 Inspector
 Case No
 20200392

The above site was inspected in conjunction with a veterinary officer from the Animal and Plant Health Agency (APHA) following a report of a potential welfare issue by a member of the public.

The inspection was carried out 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 following records were inspected remotely following the visit to ensure that the conditions of authorisation for your Aquaculture Production Business (APB) are being met:

Mortality records were inspected and found to be adequately maintained.

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

Medicine records were inspected and found to be adequately maintained for the majority of treatments. However, it was noted that anaesthetic use for vaccination had not been recorded for 2020. To ensure compliance with the Veterinary Medicines Regulations 2013 please ensure that in future all relevant treatments are recorded in the medicine records.

Records or documentation demonstrating that this point has been addressed should be sent to the Fish Health Inspectorate (contact details below) within 30 days of the date this report was issued.

A separate report will be issued by the Animal and Plant Health Agency.

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 https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

Date: 23/09/2020





Kames Fish Farming Ltd Kilmelford Oban Argyll PA34 4XA

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0134
Site No FS0468
Inspector

 DATE OF VISIT
 17/09/2020

 SITE NAME
 Loch Tralaig

 CASE NO
 20200392

Case completion report

Recommendations in relation to the above case were made for implementation by 24 October 2020. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

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

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

Signed:

Fish Health Inspector

Date: 05/11/2020

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0397			Date of visit: 22/09/2020
Time spent on site:	1 hour	Main	Inspector:
Site No: FS0988 Business No: FB0402	Site Name: Business Name:	Ardgay Hatchery Kyle of Sutherland DS	SFB.
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C):	Thermometer No:		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?	~	If yes, see addition	onal information/clinical score sheet. onal information/clinical score sheet. onal information/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit deta	ail reason below:	

Additional Case Information:

Site currently mothballed. Fallow since May 2017 when fry were stocked out into the Shin tributaries. PSI case 15/3/20 (fallow)

Site to be made inactive and business to be made non producing. Site may be used in the future but no plans currently . FHI to be informed prior to stocking if occurs in the future.

Case No:	2020-0397			Date of visit:	22/09/2020			
Site No:	FS0988	1		Inspector:		ı		
Results Summary	Freq.			Da	te of Notifica	ition		
Í	· ·	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
							-	
							-	
							-	
							-	
D 10								
Report Summary	5 /		nd .					
Case Type	Date	Insp	2 nd Insp					
REG	02/11/2020							





Kyle of Sutherland DSFB. Kincardine Hatchery Ardgay Sutherland IV24 3DJ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0402 SITE NO FS0988 INSPECTOR DATE OF VISIT 22/09/2020
SITE NAME Ardgay Hatchery
CASE NO 20200397

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, the site was found to be fallow.

Records

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

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

It was reported that the site had been fallow since May 2017. There are currently no plans to use the site in the foreseeable future. Therefore the site authorisation has been removed and the site has been made inactive on the Marine Scotland database. Should you wish to stock this site at any point in the future please contact the fish health inspectorate prior to restocking.

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

Signed:

Date: 02/11/2020

R04

Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB

Tel - 0131 244 3498 Email - ms.fishhealth@gov.scot

Website - https://www.gov.scot/policies/fish-health-inspectorate/

Fish Health Inspector

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FHI 059, Version 13	Iss	ued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0406			Date of visit: 22/09/2020
Time spent on site:	3hours	Main Inspect	or:
Site No: FS0890 Business No: FB0341	Site Name: Business Name:	Jubilee Loch Shin Migdale Smolts Ltd	
Case Types: 1 ECI	2 VMD 3 CNI	4 5	6
Water Temp (°C): 12.4	Thermometer No:	T147	FHI 045 completed
Observations:	Region: HI	Water type: F	CoGP MA:
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	-	N If yes, see additional info	ermation/clinical score sheet. ermation/clinical score sheet. ermation/clinical score sheet.
UNI/REG only - if unable to carr	ry out intended visit detail re	eason below:	

Additional Case Information:

Fallow 25/3/20 restocked 13/5/20 from Landcatch, Mingarry and Kintail

Fish moved out to Cole Deep yesterday next smolt output will be beginning Oct.

Medicine records not available. Told verbally fish on withdrawal for formalin (Aquacsen) and TMS. Small amount of fungus observed in fish. Mortalities on site attributed to fungus. Fish vaccinate about 3 weeks ago with a formalin treatment about 2 weeks ago.

While on site a fish escaped from the hand net onto the slatted walk way. Inspector caught fish before it escaped. A small hole in the hand net was repaired. Site manager told to complete a potential escapes form. Ask to implement checks for hand nets prior to use and reintroduce the use of netting placed over work surfaces when removing fish onto walkways.

Site visit undertaken at short notice. No paperwork completed at time of visit due to social distancing. Requested paperwork received 30/10/20.

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issu	e: 12/05/2020
Case No:	2020-0406		Site No:	FS0890				
Date of Visit:		22/09/2020]		Inspector(s)			
Registration/Autho	No: 2020-0406 Site No: FS0890 Inspector(s): Inspe							
1. Business/site deta	ails summary	checked by s	ite representa	ative?			Υ]
2. Changes made to	details?						N]
Site Details (includ	e cleaner fis	h for all sect	ions)					
Total No facilities		31	Facilities sto	cked	17	No facilitie	es inspected	31
Species	Sal							
Age group	parr							
No Fish	925,497							
Mean Fish Wt								
Next Fallow Date (S	•		021	•				
	disease probl	ems?		N	Any escapes	s (since last	visit)?	N
If yes, detail:								
4. Are movement resonant for the seconds comp 6. Are health certifications. Transport Records 1. Are any movements.	cords availab blete and corre ates for introd ats carried ou	le for dead fis ectly entered? luctions (outwork to by (or on bel	h and waste? vith GB) availa half) of the bu	able? usiness (not usi	•			N/A N/A N/A N/A
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
	es disposed o	f?			Incinerated -	on site		
If other detail:								
3. Mortality records of	•	correctly ente						Y
4. Recent mortality (•			31/8- 0.2%, 14	/9- 0.1%, 7/9	- 0.1%		
5. Evidence of recer	nt increased/a	typical mortal	ities?					N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
6. Any other peaks in	n mortality du	ring period ch	ecked?					N
If yes, detail:		. 15:		, ====				N 1/4
7. Have increased (u	inexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:			0.16	ala talle e e	- lit	l t		N1/A
8. Have 'mortality ev	rents been re	ported to FHI	r if no, enter	details on mort	ality events s	neet.		N/A

Treatments and Medicines Records									
1. Recent treatments (see comment)?	Y								
If yes, detail: Formalin									
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)? Formalin TMS									
If other, detail:									
6. Are medicines stored appropriately?	Y								
Biosecurity Records									
Biosecurity records available for inspection?	Y								
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y								
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of	any								
increased (unexplained) mortality at the site been included?	Y								
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed	disease								
is detected been included and how and when that will be notified to Scottish Ministers?	Y								
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or hi	gher Y								
health status, certification if required)?									
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to mir	nimise Y								
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?									
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y								
aquaculture animals held on site?									
8. Have the biosecurity procedures been adequately implemented on site?	Y								
If no, detail:									
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?									
3. Any significant results?	N								
If yes, detail (if not detailed under recent disease problems).									
Records checked between: 5/12/18- 22/9/20									

F	HI 059, Version 13							issue	ea by: FHI		
	Case no:	2020-04	406	Site No:		FS0890)		ate of visit/	22/09/20)20
	Priority samples:	VI		ВА		РА		MG MG	ampling: HI		
	Time sampling starts/ends:		00:00		0:00		Inspecto	or:		VMD No.	11
	Environmental conditions:	1	Indoors	2		3	ш	4	5	ш.	
	Summary samples	HIST		ВА		MG		VI	PA	Tota	al Samples
A	dd Fish/Pools - click										
	Pool/Fish No										
	Fish nos	1-4	5-8	9-12	13-16	17-20	21-24				
	Pool Group										
	Species	SAL	SAL	SAL	SAL	SAL	SAL				
	Average weight	70g	70g	70g	70g	70g	70g				
	Sex										
	Water Type	FW	FW	FW	FW	FW	FW				
siis		rur	j	ćur	ίur	kur	j				
Details		Stofnfiskur	Stofnfiskur	Stofnfiskur	Stofnfiskur	Stofnfiskur	Stofnfiskur				
		tofr	to	tofr	tofr	tofr	tot tot				
Stock	Stock Origin Facility No						7 7				
S	racility NO	29	30	19	2	26	1				

	Addition	nal Sam	ple Infoi	mation:										
0	1	Total Te	ests ass	signed	0	l								

FHI 059, Version 13		Issued by: FHI			Date	of issue	: 12/05/2020
Case Number:	2020-0406		Site No:	FS0890		Insp:	
Date of Visit	22/09/2020		No of mo	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
	Number of sup	ncluding third country	0			14	
							40
Movements off	Frequency of n Number of des		0			10	10
Exposure via water	radiliber of des	Site contacts					
Water contacts with other	Farm is protect	ed (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					
	farms upstrean	n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
and raids of the directive	Processing ow	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	from zone or compartment of	4				
		rfrom Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	1			0
products	Common proce	esses with other farms	3	+			
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	Inpasteurised feed	0]			0
·	Feeding unpas	<u> </u>	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1				
CoGP/Regulator				J			
Practices in accordance	Yes		0	1			0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes			1			0
	No		2				
	1			J			
					Total		18
					Rank		MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0406	Site No:	FS0890
Sea Lice Inspection (Seawater Sites Only)		
1. Has the site experienced sea lice problems	in the previous 4 years?	
·	quivalent) fallowed synchronously on a single y	year class basis?
3. Does the site have access to a range of lice	enced in-feed and bath sea lice medications (in well as access to suitable biological and/or medications)	ncluding deltamethrin,
4. Is there a signed documented farm manage Management Area (or equivalent)?	ement agreement or statement relevant to the s	site and CoGP Farm
5. Are sea lice count records available for insp	pection? (Legal SSI, CoGP Annex 6)	
6. Do records adequately reflect the required s	standard specified in the SSI and the CoGP? (I	Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels belorecords are inspected? (CoGP Annex 6)	ow the suggested criteria for treatment in the C	coGP during the period that
8. Have average adult female sea lice (L. saln	monis) numbers per fish been at a level of 3 or	above (prior to w/b 10/6/19) or
If yes, have these been reported to the Fish H	lealth Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level which	is considered to cause significant welfare problem	lems? (CoGP 4.3.81, 5.3.50)
	stered or other actions taken when <i>L. salmonis longatus</i> is considered to have welfare implica	
11. Has any other action been taken (where a	pplicable)?	
12. Have therapeutic treatments or the actions	s taken had a significant impact upon the lice le	evels 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	e held without treatment for
15. Is there a site specific written lice manage	ment procedure with waypoints describing set	actions to deal with recognised
16. Do the sea lice levels observed on stocks	reflect sea lice count data? If no please detail	reasons.
Containment Inspection		
Containment Inspection	ge due to predators in the current or previous p	roduction cyclos?
	he predation experienced on site? (Detail below	
top nets Tensioned nets	ne predation experienced on site: (Detail below	ı .
If other, detail below:		
3. Have escape incidents or events been exp	erienced on or in the vicinity of the site since the	ne last FHI inspection?
If Yes proceed with questions 4 – 9. If No skip	to question 10	
4. Have these been reported to Scottish Minis	iters?	
5. Have these been reported to local DSFB fo	rthwith (where they exist)? (CoGP - 4.4.37, 5.4	4.17)
6. Have these been reported to the SSPO and	d local fisheries trusts forthwith (where they exis	st)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover esca	apees? If yes give detail	
8. If gill nets were deployed was this action ag Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	greed with local wild fish interests and was pern	nission given by Scottish
9. What action was taken to prevent and minir	mise the risk of further escapes? (Not covered	in code but could
be considered under satisfactory measur	res of the Act)	
	egards to containment? If no, please detail reas	son(s) N
see additional information and issues raised		

Site No: FS0890

Case No: 2020-0406

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2020-0406			Date of visit:	22/09/2020			
Site No:	FS0890	1		Inspector:				
Results Summary	Freq.			Da	te of Notifica	ition		
,	i i	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	1		-					
	1							
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, VMD	11/11/2020							





Migdale Smolts Ltd Dornoch Road Bonar Bridge Sutherland IV24 3EB

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0341 SITE NO FS0890 INSPECTOR DATE OF VISIT 22/09/2020
SITE NAME Jubilee Loch Shin
CASE NO 20200406

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.

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.

During the inspection fish were removed for VMD sampling. The dip net used for this purpose had a hole in it. One fish fell from the net onto the walkway between the pens. It was quickly retrieved and returned to the pen. The site representative was asked to complete a "Farmed Fish Escapes" notification form which has since been received. Please review procedures at the site to include checking dip nets for holes prior to use and reintroduce the use of netting placed on the work surfaces when netting fish from the pens.

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

Signed:

Fish Health Inspector

Date: 11/11/2020

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0412			Date of visit: 24/09/2020
Time spent on site:	0.5 hour	Main Inspect	or:
Site No: FS1240 Business No: FB0544	Site Name: Business Name:	Highland Scotland	
Case Types: 1 DIA	2 3	4 5	6
Water Temp (°C): N/A	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: B	CoGP MA
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	-	Y If yes, see additional info	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.
UNI/REG only - if unable to care	ry out intended visit deta	nil reason below:	

Additional Case Information:

Osprey Fishing Schoo

Avielochan near Aviemore, Minnow found dead in loch with tape worm exiting from the vent. Preserved in jar with vodka along with some small black invertabrates also associate with the minnow.

Loch last stocked with brown trout about 8 years ago. It had been stocked with rainbow trout prior to this but thought no RTR remain on site. Loch is a natural feature mainly spring fed with small intake from a stream but no outflow. Referred to as a stank.

Small black invertabrates are planarians, free-living flatworms which feed on small invertebrates and assorted detritus. They would have been attracted to the decaying fish. Planarians are common and an indicator of a healthy ecosystem in the lochan.

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2020-04	112	Site No:		FS1240					24/	09/2020	24/0
VI		ВА		PA		MG	Samplin	g. HI		1	
10:0	0:00	10:0	1:00		Inspecto	or:			VMD No	o. 	0
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HIST		ВА		MG		VI		PA	Y	Total Sa	mples
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	To:0 10:0 HIST F1 PXP 5g FW	VI 10:00:00 1 Indoors HIST PXP 5g FW FW	VI BA 10:00:00 10:0 1 Indoors 2 HIST BA F1 1 PXP 5g FW	VI BA 10:00:00 10:01:00 10:00	VI BA PA 10:00:00 10:01:00 1 Indoors 2 3 HIST BA MG F1 1	VI BA PA 10:00:00 10:01:00 Inspecto 1 Indoors 2 3 MG HIST BA MG PA Inspector A MG F1 PXP 5g FW FW FW FW FW FW FW FW FW F	Site No:	Date of Samplin VI	Sampling: HI 10:00:00 10:01:00 Inspector:	2020-0412 Site No:	Date of visit/ 24/09/2020 Sampling: VI

09/2020	Addition	nal Sam	ple Infor	mation:										
	2 jars; 1 with minnow and tape worm in vodka, one with flatworms associated with fish in jar with water and vodka.													
1	l	Total To	ests ass	igned	1	l								

FHI 059, Version 13 Issued by: FHI Date of issue: 12/05/2020

Case no: 2020-0412 Site No: FS1240 Method of killing: Unknown

Case no:	2020-0412	Site No:		FS1240		Me	Method of killing: Unknown				
Date of visit: 24/09/202		1	Inspect	tor(s):				l s	heet Re	elevant l	Υ
	ce: M for medium presence: W for v	veak pres	ence								
Fish Number		found o	dead								
Time sampled after death (if > 45 minutes) External Signs		louriu (leau								
Behaviour	Moribund										
Dellavioui	Lethargic										
	Hanging vertical										
	Spiralling										
	Flashing										
	Loss of equilibrium										
Body	Dark										
	Distended abdomen										
	Anorexic										
	Scale Oedema										
Opercula	Shortened										
Haamar	Flared										
Haemorrhaging	Throat										
	Ventrum Base of fins										
	Elsewhere										
Eyes	Exophthalmic										
_,,	Enophthalmic (sunken)										
	Cataract										
	Haemorrhagic										
Gills	Pale										
	Zoned										
	Necrotic										
Lesions	Flank										
	Elsewhere										
Vent	Inflamed										
	Trailing faeces										
Lice Load	Estimate numbers										
Internal Signs											
Ascites	Clear										
Ascitos	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										
i yioric cacca	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										
Kidney	Fluid filled										
Kidney	Swollen Grey										
	Granular										
	Liquefied										
General	Parasites present	s									
	Anaemia										

Case no: 2020-0412

Date of visit: 24/09/2020

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Fish Number	nce: M for medium presence: W fo	I I		_		ı		
	er death (if > 45 minutes)							
External Signs	er death (ii > 45 illillidtes)							
Behaviour	Moribund							
Dellavioui	Lethargic							
	Hanging vertical							
	Spiralling		_	_				
	Flashing							
	Loss of equilibrium							
Body	Dark							
Dody	Distended abdomen							
	Anorexic							
	Scale Oedema			_				
Opercula	Shortened							
Opercula	Flared							
Haemorrhaging	Throat							
riacinormaging	Ventrum							
	Base of fins							
	Elsewhere							
Eyes	Exophthalmic							
Lycs	Enophthalmic (sunken)							
	Cataract							
	Haemorrhagic							
Gills	Pale							
Ollio	Zoned							
	Necrotic							
Lesions	Flank							
Lesions	Elsewhere							
Vent	Inflamed		_					
Vent	Trailing faeces		_					
Lice Load	Estimate numbers		_	_				
Lice Load	Estimate numbers							
Internal Signs								
Ascites	Clear		_					
ASCILES	Bloody							
Oodoma								
Oedema Heart	In tissues Pale/anaemic		_					
пеан	Granulomas							
	Deformed	_	_					
Liver	Petechial haem							
Liver	Gross haem		_					
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	Tissue breakdown Enlarged							
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	Tubules mauve							
Culcor	Lack of fat							
Spleen	Enlarged Granulomas							
Gut	No food present							
Gut								
	Yellow pseudo-faeces External haem							
Dadywall	Internal haem							
Body wall	Haemorrhaging							
Swim bladder	Haemorrhaging							
IX: 4	Fluid filled							
Kidney	Swollen							
	Grey							
	Granular							
0	Liquefied							
General	Parasites present							
	Anaemia							

FHI 059, Version 13 Issued by: FHI	Date of issue: 12/05/2020
Additional comments:	
Minnow found dead with tape worm and flatworms. Preserved in vodka an	d collect be FHI for ID.

Site No: FS1240

Case No: 2020-0412

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

Case No:	2020-0412			Date of visit:	24/09/20	020				
Site No:	FS1240	1		Inspector:						
Results Summary	Freq.	Date of Notification								
	444	Database	Insp	Phone	Insp	Writing	Insp	2 nd Ins		
Ligula intestinalis Planarians	1/1 1/1	08/10/2020 08/10/2020		08/10/2020 08/10/2020		13/11/2020 13/11/2020				
Fidilalialis	1/ 1	06/10/2020		00/10/2020		13/11/2020	4			
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Report Summary										
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Osprey Fishing School Aviemore

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0544
SITE NO FS1240
INSPECTOR

DATE OF VISIT 24/09/2020 SITE NAME Highland – Avielochan, Aviemore CASE NO 20200412

Case Detail

Observations

Photographs were received by the Fish Health Inspectorate of a common minnow (*Phoxinus phoxinus*) found dead in Avielochan near Aviemore.

A large ribbon-like parasites could be observed projecting from the body cavity of the minnow. The sample had been kept in a jar of water for a several days before vodka was added. Several leech-like invertebrates found with the fish were collected in a separate jar. The samples were collected for diagnostic examination. On arrival at the laboratory, all samples were transferred to 70% ethanol, however, they had visibly begun to deteriorate.

Results

On dissection, the body cavity of the minnow was full of a single >51cm cestode (tapeworm) plerocercoid larvae with a break in the middle.

The size, morphology and presentation of the larvae is consistent with *Ligula intestinalis*, although confirmatory features on the scolex dome were not observed, likely due to the poor condition.

L. intestinalis is a known plerocercoid parasite of cyprinid fish and has previously been recorded from *P. phoxinus* in Scotland. The terminal host is a piscivorous fish.

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The leech-like samples were freshwater planarians, free living flatworms, which are common and may have been attracted to the decaying minnow.

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



Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

Date: 12/11/2020

