FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2021-0327			Date of visit: 08/11/2021			
Time spent on site:	1 hour	Main Inspect	or:			
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Farms Lt	d			
Case Types: 1 MOV	2 3	4 5	6			
Water Temp (°C):	Thermometer No:		FHI 045 completed			
Observations:	Region: ST	Water type: S	CoGP MA:			
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	-	N If yes, see additional information/clinical score sheet. 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 carr	y out intended visit detai	l reason below:				

Inspection of 21.6 tonnes (18 bags) of mussels for export to Lenger Seafoods Ireland Ltd. Certificate MS2021/0041 signed and left on site. Mussels looked clean and in good condition. No other shellfish observed in the bags.

FHI 059, Version 13			Issu	ued by: FHI			Date of issu	e: 12/05/2020
Case No:	2021-0327		Site No:	SS0759				
Date of Visit:		08/11/2021	ו		Inspector(s):			
Registration/Autho								
1. Business/site deta	•	checked by s	ite representa	ative?			N	
2. Changes made to	details?						N/A	ı
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities		23	Facilities sto	cked	23	No facilitie	s inspected	0
Species	Mussels	Mussels						
		2021 (15						
Age group	lines)	lines)						
No Fish	340 tonnes	10 tonnes						
Mean Fish Wt	JUV	SPA			(2)			
Next Fallow Date (S	,	Never fallow	S	Next Input Da	_ '		ural spat fall	21/2
Recent (last 4 wks)	disease proble	ems?		N	Any escapes	(since last v	visit)?	N/A
If yes, detail:								
Movement Records								
Movement record		r inspection?						Y
2. Date of last inspe		mopeotion.					04/11/2021	
3. Are records comp		ectly entered	2				04/11/202	Y
4. Are movement re-		•		,				N/A
5. Are records comp								N/A
6. Are health certific		•		able?				N/A
		43						
<b>Transport Records</b>								
1. Are any movemen	nts carried ou	t by (or on be	half) of the bu	usiness (not usi	ing a STB)?			
If yes, is there a syst	tem in place f	or maintenan	ice of transpor	rtation records	?			
Mortality Records								
Mortality records a	available for i	nspection?						N/A
2. How are mortalities		•			Other (detail)			
	Shells fall to				Otrior (dotail)			
3. Mortality records			ered?					N/A
4. Recent mortality (		ococ, c	N/A					
5. Evidence of recer	•	tvpical morta						N
If yes, facility nos/no				/reason:				
6. Any other peaks in	n mortality du	ring period cl	necked?					N/A
If yes, detail:								
7. Have increased (u	unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	tality events sh	ieet.		N/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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 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?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: since last inspection - 5 November 2021	

Case No:	2021-0327			Date of visit:	08/11/2021				
Site No:	SS0759	1		Inspector:					
Results Summary	Freq.	Database	Insp	Phone Da	te of Notifica Insp	tion Writing	Insp	and I	
		Database	шэр	i none	шэр	vviiding	шэр	2 <sup>nd</sup> Insp	
Report Summary									
Case Type	Date	Insp	2 <sup>nd</sup> Insp						
MOV	13/12/2021								





### SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0530
 Date of Visit
 08/11/2021

 Site No
 SS0759
 Site Name
 Fearna

 Case No
 20210327
 Inspector

## Inspection for export

The above site was visited and a consignment of juvenile Common mussels (*Mytilus edulis*) for export to the Republic of Ireland was inspected. A health certificate was issued which must travel with the consignment to the destination.

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

Signed: Date: 13 December 2021

Fish Health Inspector

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0328			Date of visit: 09/11/2021
Time spent on site:	hour	Main Inspecto	r:
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Farms Ltd	i
Case Types: 1 MOV	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional inform	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:	

Inspection of 21.6 tonnes (18 bags) of mussels for export to Lenger Seafoods Ireland Ltd. Certificate MS2021/0042 signed and left on site. Mussels looked clean and in good condition. No other shellfish observed in the bags.

FHI 059, Version 13	3		Issu	ued by: FHI			Date of issu	e: 12/05/2020
Case No:	2021-0328		Site No:	SS0759				
Date of Visit:		09/11/2021	1		Inspector(s):			j
Registration/Author	orisation Deta	ails						
1. Business/site det	ails summary	checked by	site representa	ative?			N	
2. Changes made to	o details?						N/A	1
Site Details (includ	de cleaner fis	h for all sec	tions)					
Total No facilities		23	Facilities sto	ocked	23	No facilitie	es inspected	0
Species	MED	MED						
	2020 (8.5	2021 (15						
Age group	lines)	lines)						
	318.4	10 tonnes						
No Fish	tonnes							
Mean Fish Wt	JUV	SPA						
Next Fallow Date (S		Never fallow	vs	Next Input Da	ate (Site)	2022 Nat	ural spat fall	
Recent (last 4 wks)					Any escapes		•	N/A
If yes, detail:								
<b>Movement Record</b>	is							
1. Movement record	ds available fo	r inspection?						Y
2. Date of last inspe	ection:						08/11/2021	
3. Are records comp	plete and corr	ectly entered	?					Y
4. Are movement re	ecords availab	le for dead fis	sh and waste?	<b>?</b>				N/A
5. Are records comp	plete and corr	ectly entered	?					N/A
6. Are health certific	•	•		able?				N/A
Transport Records								
1. Are any moveme		• '		· ·	•			
If yes, is there a sys	stem in place f	for maintenar	ice of transpo	rtation records	?			
<b>Mortality Records</b>								
1. Mortality records	available for i	nspection?						N/A
2. How are mortaliti	es disposed c	of?			Other (detail)	)		
If other detail:	Shells fall to							
3. Mortality records			tered?					N/A
4. Recent mortality	•		N/A					
5. Evidence of rece	•	atvoical morta						N
If yes, facility nos/no		* *		//reason:				
6. Any other peaks	in mortality du	iring period c	necked?					N/A
If yes, detail:								
7. Have increased (	• •	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality e	vents' been re	ported to FH	I? If no. enter	details on mort	talitv events sh	neet.		N/A

Total Control of the Police Book to	
Treatments and Medicines Records	
1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Diagonality Describe	
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:	
Results of Surveillance	N.
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: since last inspection - 8 November 2021	

Case No:	2021-0328			Date of visit:	09/11/2021				
Site No:	SS0759	1		Inspector:					
Results Summary	Freq.	Detahasa	Ilaan		te of Notifica		Ilnen	- nd -	
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp	
							-		
							-		
							-		
							-		
Report Summary	Dete	la sa	and .						
Case Type MOV	Date 13/12/2021	Insp	2 <sup>nd</sup> Insp						
WO V	10/12/2021								





### SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0530
 Date of Visit
 09/11/2021

 Site No
 SS0759
 Site Name
 Fearna

 Case No
 20210328
 Inspector

## Inspection for export

The above site was visited and a consignment of juvenile Common mussels (*Mytilus edulis*) for export to the Republic of Ireland was inspected. A health certificate was issued which must travel with the consignment to the destination.

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

Signed: Date: 13 December 2021

Fish Health Inspector

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2021-0440			Date of visit: 04/11/2021			
Time spent on site:	hr	Main I	nspector:			
Site No: SS0934 Business No: SB0558	Site Name: Business Name:	Mid Noost C.W.C Brown Ltd				
Case Types: 1 ECI	2 3	4 5	6			
Water Temp (°C): 9.5	Thermometer No:	T148	FHI 045 completed			
Observations:	Region: SH	Water type: S	CoGP MA			
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		N If yes, see addition	nal information/clinical score sheet. nal information/clinical score sheet. nal information/clinical score sheet.			
UNI/REG only - if unable to carry out intended visit detail reason below:						

Remote inspection (28/10/21) and site inspection (04/11/21) conducted by (shadowed by ).

Inspection of stock on site showed shells to be clean with no open or empty shells noted. The tops of some bags were covered in sea grass but operator stated that it cleans off easily and is regularly done so during the warmer months. It is left on during winter as it also helps shield the oysters from frost when exposed to the colder temperatures.

FHI 059, Version 13	3	_	Iss	sued by: FHI		Da	te of issue: 12	2/05/2020
Case No:	2021-0440	]	Site No:	SS0934	4			
Date of Visit:		04/11/202	21		Inspector(s):			
Registration/Author	orisation Det	ails						
1. Business/site det	tails summary	checked by	site represer	ntative?		Υ		
2. Changes made to	o details?					N		
Site Details (includ	de cleaner fis	sh for all se	ctions)					
Total No facilities	ac orcanor no	50	Facilities s	tocked	50	No facilities ins	spected 50	
Species	CGI	CGI	OED	OED		THE RESIDENCE IN	pootou	
Age group	2020	2021	2020	2021		_		
No Fish	75,000	100,000	40,000	30,000		<del>                                     </del>		
Mean Fish Wt	30g	1g	15g	0.8g		_		
Next Fallow Date (S		never fallo		Next Input D	ate (Site)	March 2022	_	
Recent (last 4 wks)	•			_	_ ` ′	(since last visit)	)?	N
If yes, detail:	The state of the s				,, cocuped	(Cilled Idet tion)		
4. Are movement re 5. Are records com 6. Are health certific  Transport Records 1. Are any moveme	plete and corr cates for intro	ectly entered ductions (ou	d? twith GB) ava	iilable?	sing a STB\2		E	Y Y N/A
If yes, is there a sys								
Mortality Records								
1. Mortality records		inspection?						Y
2. How are mortaliti					Domestic wa	aste - <25kg		
If other detail:	Bulk of emp	ty shells cru	shed and use	ed in operators g	arden			
3. Mortality records				, ,				Y
4. Recent mortality	(last 4 wks):		no known	mortalities				
5. Evidence of rece	nt increased/a	atypical mort						N
If yes, facility nos/no				ty/reason:				
6. Any other peaks	in mortality du	uring period	checked?					N
If yes, detail:								
7. Have increased (		mortalities b	een reported	to vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality e	vents' been re	ported to FI	H? If no, ente	er details on moi	rtality events s	heet.		N/A

Treatments and Medicines Records		
1. Recent treatments (see comment)?		
If yes, detail:		
If other, detail:		
Medicines records available for inspection?		
3. Are records complete and correctly entered?		
4. Are fish in a withdrawal period?		
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?		
Biosecurity Records		
Biosecurity records available for inspection?		Y
2. Has the manner and frequency of mortality removal, re	·	Y
3. Has the manner and period in which the APB will notif	•	
increased (unexplained) mortality at the site been include		Y
·	presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be		Y
5. Has the health status of aquaculture animals being sto	ocked on the farm site been covered (equal or higher	Y
health status, certification if required)?		
6. Have the husbandry and biosecurity measures implen		Y
transmission of disease been covered (movement of sta	_	
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 imp	lemented on site?	Y
If no, detail:		
Results of Surveillance		N.
1. Has any animal health surveillance been carried out b	y, or on behalf of, the business?	N
2. If yes, are results available for inspection?		
3. Any significant results?		
If yes, detail (if not detailed under recent disease probler	ns).	
Records checked between:	19/10/2020 - 28/10/2021	

FHI 059, Version 13	Issued by: FHI			Date	of issue: 12
Case Number:	2021-0440 Site No:	SS093	4		
Date of ∀isit	04/11/2021 Inspector:				
Number of Susceptib	ole species on site				
	ies present = <u>LOW</u> risk				
If susceptible species	present, score for each pathogen		No	Yes	_
	Susceptible to Bonamia ostrea (OED)		0	25	25
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	3
Sites within a tidal ex	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal excursion	0	2	10	2
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Movements off	·				
Movements on	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	2
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	3
	Number of destinations	0	3	6	3
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	0
	Depuration of stock from other businesses sites within MSS management area	0	2	6	0
	Depuration of stock from sites outwith MSS management area	0	4	8	0
Biosecurity	Number of sites	1	2 or 3	≥ 4	
Contacts with other	Sites operating from single shorebase	0	1	2	0
sites	Sites sharing staff and equipment	0	1	5	U
			Yes	No	
	Disinfection of equipment between sites, use of footbath	ıs etc	0	2	0
			Total		41
			Risk		HIGH

Site No: SS0934

Case No: 2021-0440

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2021-0440	l		Date of visit	: 04/11/2021	J		
Site No:	SS0934	ı		Inspector				
	-			Пороскої				
Results Summary	Freq.				ate of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
Report Summary								
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
ECI	08/11/2021							





### SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0558
 Date of Visit
 04/11/2021

 Site No
 SS0934
 Site Name
 Mid Noost

 Case No
 20210440
 Inspector

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

The above site was inspected in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Signed: Date: 08/11/2021

Fish Health Inspector

FHI 059, Version 13	lss	sued by: FHI	Date of issue: 12/05/2020							
Case No: 2021-0441			Date of visit: 01/11/2021							
Time spent on site:	1.5 hrs	Main Inspecto	or:							
Site No: FS0542	Site Name:	Snarravoe								
Business No: FB0095	Business Name:	Cooke Aquaculture Scotland L	td							
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6							
Water Temp (°C): 8.5	Thermometer No:	Site	FHI 045 completed							
Observations:	Region: SH	Water type: F	CoGP MA							
Dead/weak/abnormally behaving	g fish present?	N If yes, see additional infor	mation/clinical score sheet.							
Clinical signs of disease observe	ed?		mation/clinical score sheet.							
Gross pathology observed? Diagnostic samples taken?		N If yes, see additional infor	mation/clinical score sheet.							
UNI/REG only - if unable to carr	UNI/REG only - if unable to carry out intended visit detail reason below:									

Remote inspection carried out on 27/10/2021 by under observation by Site inspection carried out on 01/11/2021 by with shadowing.

No lethargic fish observed. Water was murky but fish were coming up for feed and shoaling as would expect. Fish sampled for VMD showed no external or internal signs of disease.

Fish waste currently being held by TWMA Shetland and is to be used to produce biofuel by SEM once fully approved and operational.

Water temperature taken from site thermometer as there had been a delay with delivery of package to Shetland office, which contained inspectors thermometer.

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issue	: 12/05/2020	
Case No:	2021-0441		Site No:	FS0542					
Date of Visit:		01/11/2021	]		Inspector(s):				
Registration/Author									
1. Business/site det	_	checked by s	site representa	ative?			Y		
2. Changes made to	o details?						Υ		
Site Details (includ	le cleaner fis	h for all sect	ions)						
Total No facilities		6	Facilities sto	cked	3	No facilitie	s inspected	6	
Species	SAL								
Age group	2022								
No Fish	71,122								
Mean Fish Wt	48.5g								
Next Fallow Date (S	•	Nov. 2021		Next Input Da		June/July			
Recent (last 4 wks)	disease probi	ems?		IN	Any escapes	(since last	VISIT)?	N	
If yes, detail:									
Movement Records  1. Movement records available for inspection?  2. Date of last inspection:  3. Are records complete and correctly entered?  4. Are movement records available for dead fish and waste?  5. Are records complete and correctly entered?  6. Are health certificates for introductions (outwith GB) available?  Transport Records  1. Are any movements carried out by (or on behalf) of the business (not using a STB)?									
If yes, is there a sys	tem in place f	or maintenan	ice of transpo	rtation records?	?		L	Y	
Mortality Records									
1. Mortality records		•						Y	
2. How are mortalities	es disposed o	f?			Whole fish -	TWMA (She	etland)		
If other detail:									
3. Mortality records	•	correctly ent						Y	
4. Recent mortality	•			0.01%), Wk 40	- 10 (0.01%),	Wk 41 - 7 (0	0.01%), Wk 42		
5. Evidence of recei		• •		/			L	N	
If yes, facility nos/no	mortality per	racility/no sto	ock per facility	reason:					
6. Any other peaks in mortality during period checked?									
If yes, detail:		g periou ei						N	
7. Have increased (unexplained) mortalities been reported to vet or FHI?									
If yes, detail action:									
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	ality events sh	neet.		N/A	
							_		

Treatments and Medicines Records	NII.
1. Recent treatments (see comment)?	N
If yes, detail:	
If other, detail:	NI/A
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	
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?	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	
Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	N
If yes, detail (if not detailed under recent disease problems).	
ii yes, detaii (ii flot detailed dideo feesen disease presients).	
Records checked between: 02/10/2018 - 27/10/2021	

Г	HI 059, Version 13							ISS	uea by: I	ТПІ			
	Case no:	2021-04	141	Site No:		FS0542			Date of Samplin		01/	11/2021	01/
	Priority samples:	VI		ВА		PA		MG	-	g. HI			
	Time sampling starts/ends:	10:4	5:00	11:3	0:00		Inspecto	or:			VMD No	D. [	8
	Environmental conditions:	1	Cloudy	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
Δ	dd Fish/Pools - click												
	Pool/Fish No												
Г	Fish nos	1-9	10-21	22-33									
	Pool Group												
Г	Species	SAL	SAL	SAL									$\neg$
	Average weight	0.0490		0.0490									
	Sex	N/A		N/A									$\neg$
	Water Type	FW	FW	FW									
Stock Details		Cairndow	ح Cairndow	ക Cairndow									
V.	T don'ty 140	4	5	0									

11/2021 Additional Sample Information:													
0 Total Tests assigned 0													

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2021-0441		Site No:	FS0542		Insp:	
Date of Visit	01/11/2021		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	0
CP 25.02	Number of sup	ncluding third country	0			14	0
Movements off	Frequency of m		I 0			10	3
Movements on	Number of dest		0		6	10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through porehole)	0				
susceptible to same diseases)	farms upstream	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		1
	farms upstream	or in a coastal zone with category 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	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro		0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	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	]			
products	Common proce	esses with other farms	3	1			3
	Collection point	t for waste from other farms	5	1			
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	i			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing st	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		T 0	1			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 Rank		12 LOW

FHI 059, Version 13		Issued by: FHI		Date of iss	sue: 12/05/2020
Case No: 2021-	0441		Site No:	FS0542	
Sea Lice Inspection (Seawate	er Sites Only)				
1. Has the site experienced se	a lice problems in the previous	s 4 years?			
2. Is the CoGP Farm Managen	` · · ·	•			
<ol><li>Does the site have access to azamethiphos and emamectin can these be deployed in a rea</li></ol>	benzoate) as well as access		•		
4. Is there a signed documente Management Area (or equivale		ent or statement relev	ant to the s	ite and CoGP Farm	
5. Are sea lice count records a	vailable for inspection? (Legal	SSI, CoGP Annex 6	)		
6. Do records adequately refle	t the required standard specif	fied in the SSI and th	e CoGP? (L	.egal SSI, CoGP Annex 6)	
7. Are sea lice ( <i>L. salmonis</i> ) records are inspected? (CoGF		ed criteria for treatm	ent in the C	oGP during the period that	
8. Have average adult female s 2 or above (from w/b 10/6/19)			evel of 3 or	above (prior to w/b 10/6/19) or	
If yes, have these been reported	d to the Fish Health Inspector	rate? If no, FHI see c	omment.		
9. Is C. elongatus infestation a	t a level which is considered t	o cause significant w	elfare probl	ems? (CoGP 4.3.81, 5.3.50)	
10. Have therapeutic treatmen suggested criteria for treatmen					
11. Has any other action been	taken (where applicable)?				
12. Have therapeutic treatment	s or the actions taken had a s	ignificant impact upo	n the lice le	vels recorded?	
13. Are treatments, where con-	·		_		
14. Is there a harvesting strate sea lice?	gy for the site, where fewer po	pulations or part pop	oulations are	e held without treatment for	
15. Is there a site specific writte scenarios during the escalation		e with waypoints des	cribing set a	actions to deal with recognised	d
16. Do the sea lice levels obse	rved on stocks reflect sea lice	count data? If no ple	ease detail r	easons.	
Containment Inspection					
Has the site experienced eq     Are measures in place to mi	•			•	N Y
Top Nets,					
Predator Nets					
(above), Predator					
Nets (below) If other, detail below:					
ii otilei, detail below.					
3. Have escape incidents or e	vents been experienced on or	in the vicinity of the	site since th	e last FHI inspection?	N
If Yes proceed with questions				·	
4. Have these been reported to					
5. Have these been reported to		they exist)? (CoGP -	4.4.37, 5.4	1.17)	
6. Have these been reported to	the SSPO and local fisheries	trusts forthwith (whe	ere they exis	st)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if any) used	to recover escapees? If yes g	ive detail			
8. If gill nets were deployed wa	s this action agreed with local	wild fish interests an	nd was perm	nission given by Scottish	
Ministers? (Legal, CoGP – 4.4.			22 00111		
9. What action was taken to pr		further escapes? (N	ot covered i	n code but could	
be considered under satisfa					
10. Is the site inspected as sat	•		e detail reas	on(s)	Υ

Site No: FS0542

Case No: 2021-0441

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2021-0441			Data of visit:	01/11/2021			
Case No.	2021-0441			Date of visit.	. 01/11/2021	J		
Site No:	FS0542	1		Inspector:				
Results Summary	Freq.			Da	te of Notifica	ition		
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
	-							
	_							
Report Summary								
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
ECI, CNI, VMD	08/11/2021							
	1							





#### SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0095Date of Visit01/11/2021Site NoFS0542Site NameSnarravoe

Case No 20210441 INSPECTOR

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

The above site was inspected in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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

### Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

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

On this occasion the site was found to be satisfactory.

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

Signed:

Date: 08/11/2021

Fish Health Inspector

FHI 059, Version 13	I	ssued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0442			Date of visit: 01/11/2021
Time spent on site:	3.5 hrs	Main Inspect	or:
Site No: FS0472	Site Name:	Wick of Belmont	
Business No: FB0095	Business Name:	Cooke Aquaculture Scotland I	Ltd
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 11	Thermometer No:	Site	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA S-2
Dead/weak/abnormally behaving	g fish present?	N If yes, see additional info	rmation/clinical score sheet.
Clinical signs of disease observe	ed?		rmation/clinical score sheet.
Gross pathology observed?		N If yes, see additional info	rmation/clinical score sheet.
Diagnostic samples taken?		IN	
UNI/REG only - if unable to carry	y out intended visit detail	reason below:	

Remote inspection carried out on 27/10/2021 by under observation by unde

No lethargic fish observed. Water was clear and fish were coming up for feed and shoaling as would expect. Fish were undergoing fresh water treatment at time of physical inspection and had been on starve 4 to 5 days prior. Fish sampled for VMD showed no external or internal signs of disease.

Fish waste currently being held by TWMA Shetland and is to be used to produce biofuel by SEM once fully approved and operational.

Water temperature taken from site thermometer as there had been a delay with delivery of package to Shetland office, which contained inspectors thermometer.

FHI 059, Version 13		_	Issue	ed by: FHI	_		Date of issue	e: 12/05/2020	
Case No:	2021-0442		Site No:	FS0472					
Date of Visit:		01/11/2021			Inspector(s):				
Registration/Autho	risation Deta	ails							
1. Business/site deta	ails summary	checked by si	te representa	tive?			Υ		
2. Changes made to	details?						N		
Site Details (includ	e cleaner fis	h for all secti	ons)						
Total No facilities		12	Facilities sto	cked	12	No facilitie	s inspected	12	
Species	SAL								
Age group	2021 S1								
No Fish	621,000								
Mean Fish Wt	1.1kg								
Next Fallow Date (Si	ite)	Oct/Nov 2022	2	Next Input Da	te (Site)	Feb/March	2023		
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last v	visit)?	N	
If yes, detail:									
2. Date of last inspection:  3. Are records complete and correctly entered?  4. Are movement records available for dead fish and waste?  5. Are records complete and correctly entered?  6. Are health certificates for introductions (outwith GB) available?  Transport Records  1. Are any movements carried out by (or on behalf) of the business (not using a STB)?  If yes, is there a system in place for maintenance of transportation records?									
Mortality Records									
1. Mortality records a		•						Y	
2. How are mortalities	es disposed o	f?			Whole fish -	TWMA (She	etland)		
If other detail:									
3. Mortality records of	•							Y	
4. Recent mortality (	,			(0.05%), wk 40	0 - 820 (0.13%	6), wk 41 - 6	611 (0.10%), v	vk 42 - 611	
5. Evidence of recen		**						N	
If yes, facility nos/no mortality per facility/no stock per facility/reason:									
6. Any other peaks in	n mortality du	ring period ch	ecked?					N	
If yes, detail:  7. Have increased (unexplained) mortalities been reported to vet or FHI?									
	inexplained)	mortalities bed	en reported to	vet or FHI?				N/A	
If yes, detail action:		named to FLUC	) If man ===4=	Jataila a 1	alita a sa a a ta			NIZA	
8. Have 'mortality ev	ents been re	ported to FHI	r ir no, enter o	aetails on mort	ality events sh	ieet.		N/A	

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

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)? T.M.S.	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
1. Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	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	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	Y
If yes, detail (if not detailed under recent disease problems). 07/05/21 Some quite severe lesions of	n the gills,

	11 000, Version 10			_				133	ueu by. i				
	Case no:	2021-04	142	Site No:		FS0472	,		Date of v		01/	11/2021	01/
	Priority samples:	VI		ВА		PA		MG	Sampling	y. HI			
	Time sampling starts/ends:	15:3	0:00	16:0	0:00	1	Inspecto	or:			VMD No	D.	12
	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					_				
		1		3									
	Pool Group Species	SAL	SAL	SAL									
			1.1000						_				
	Average weight Sex	N/A		N/A									
	Water Type	SW	SW	SW					_				
	vvaler Type	3VV	300	300									
ဟ			>	>									
Details		<u></u> 8	wa	wa									
De	1	J.	sa	sa					- 1				
ock	Stock Origin	Cairndow	Fossaway	Fossaway									
Sto	Facility No	3	8	11									
U)													

	······································											
11/2021 Additional Sample Information:												
0	1	Total To	ests ass	igned	0	1						

FHI 059, Version 13		Issued by: FHI			Date o	of issue	: 12/05/2020
Case Number:	2021-0442		Site No:	FS0472	I	Insp:	
Date of Visit	01/11/2021		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or notuding third country	0	9	18	26	0
	Number of sup		0			14	0
Movements off	Frequency of n	novements off	I 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	•	0				
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro	cessing	0				
	Processing ow	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent stat	from zone or compartment of us	4				
		r from Category III farm	8				
	Processing fish	n from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	]			
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 ι	inpasteurised feed	0	i			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		1
Disinfection of equipment	Yes		0	1			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	1			0
	No		2	]			
					Total Rank		10 LOW

FHI 059, Version 13	Issued by: FHI	Date of issu	ie: 12/05/2020
Case No: 2021-0442	Site No:	FS0472	
Sea Lice Inspection (Seawater Sites Only)  1. Has the site experienced sea lice problems in the previ  2. Is the CoGP Farm Management Area (or equivalent) for  3. Does the site have access to a range of licenced in-fee	allowed synchronously on a single y		N N
azamethiphos and emamectin benzoate) as well as accecan these be deployed in a reasonable period of time?			
4. Is there a signed documented farm management agree Management Area (or equivalent)?	ement or statement relevant to the s	site and CoGP Farm	Υ
<ol> <li>Are sea lice count records available for inspection? (Le</li> <li>Do records adequately reflect the required standard sp</li> </ol>	~	Legal SSI, CoGP Annex 6)	Y
<ol> <li>Are sea lice (L. salmonis) record levels below the suggrecords are inspected? (CoGP Annex 6)</li> </ol>	gested criteria for treatment in the C	oGP during the period that	Υ
8. Have average adult female sea lice ( <i>L. salmonis</i> ) numl 2 or above (from w/b 10/6/19) during the period that recor		above (prior to w/b 10/6/19) or	N
If yes, have these been reported to the Fish Health Inspects. Is C. elongatus infestation at a level which is considered		lems? (CoGP 4.3.81, 5.3.50)	N/A N
<ol> <li>Have therapeutic treatments been administered or oth suggested criteria for treatment or where C. elongatus is</li> </ol>			N/A
11. Has any other action been taken (where applicable)? 12. Have therapeutic treatments or the actions taken had 13. Are treatments, where conducted, carried out in coope 14. Is there a harvesting strategy for the site, where fewer sea lice?	eration between participating farms	?	Y Y Y
15. Is there a site specific written lice management processcenarios during the escalation of a sea lice infestation?	dure with waypoints describing set	actions to deal with recognised	Υ
16. Do the sea lice levels observed on stocks reflect sea	lice count data? If no please detail i	reasons.	Υ
Containment Inspection			
Has the site experienced equipment damage due to property.     Are measures in place to mitigate against the predation Top Nets,		•	Y Y
Tensioned Nets If other, detail below:			
		1 (5)	
<ol> <li>Have escape incidents or events been experienced on If Yes proceed with questions 4 – 9. If No skip to question</li> </ol>	•	ne last FHI inspection?	N
4. Have these been reported to Scottish Ministers?	are they exist\2 (CaCD 44.27.5)	4 17)	
<ol> <li>Have these been reported to local DSFB forthwith (whe</li> <li>Have these been reported to the SSPO and local fisher</li> </ol>		•	
7. Were methods (if any) used to recover escapees? If ye	es give detail		
8. If gill nets were deployed was this action agreed with lo Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	ocal wild fish interests and was pern	nission given by Scottish	
<ol><li>What action was taken to prevent and minimise the risk be considered under satisfactory measures of the A</li></ol>		in code but could	
10. Is the site inspected as satisfactory with regards to co	ntainment? If no, please detail reas	son(s)	Υ

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0442	Site No: FS0472	
Date of Visit: 01/11/2021	Inspector:	
Point of Compliance  1. Is the farm under inspection located v	within a farm management area?	v
If N, no further questions require comple	_	
<ul><li>2. Has a current farm management agree</li><li>3. Is the current FMAg/S available for in</li><li>4. Does the FMAg/S identify the relevant</li><li>5. Does the FMAg/S identify the fish farm</li></ul>	nt farm management area? m site(s) to which it applies? commencement of the agreement or staten	ed? Y Y Y Y
Arrangements for Fish Health Manag 8. Does the FMAg/S identify the minimularm?	ement im health standards for the stocks to be intro	oduced to the area or Y
10. Does the FMAg/S identify the specie	ation requirements for stocks held in the area es of fish which may be stocked into the area num stocking density of any pen on any farm	a or farm?
	gements for the storage and disposal of any rm?	dead fish from any
Arrangements for The Management of 13. Does the FMAg/S identify arrangement	of Sea Lice ents for the sharing of data on sea lice numl	bers and treatments?
14. Does the FMAg/S identify the availa of statement?	bility and the use of medicines on farms cov	vered by the agreement
15. Does the FMAg/S identify any requirelice on farms in the area or individual fa	rements for the sensitivity testing of available rms?	
16. Does the FMAg/S identify the circumused on farms in the area or individual f	nstances under which biological controls and arms?	d cleaner fish are to be
	gements for synchronous treatments on farn	ns within the area?
Live Fish Movements 18. Does the FMAg/S identify the circumarea or farm?	nstances when live fish may be introduced o	or removed from the
19. Does the FMAg/S identify the arrang or individual farms?	gements for the movement of live fish on and	d 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 practices on farms in the area or ind	ividual farms?
date when a farm or area may be restock 22. Does the FMAg/S identify whether on agreement or statement?	ne or more year classes may be stocked onto coodstock or potential broodstock are to be ke	sites covered by the Y
Point of Compliance for Farm Manage 24. Does the farm management agreeme parties to the agreement?	ment Agreements Only ent include arrangements for persons to beco	ome, or cease to be, N/A
<b>Management and operation</b> 25. Is the fish farm being managed and o 26. What is the version no/date of issue o	operated in accordance with the agreement or DOI 03/03/2020	r statement?

Site No: FS0472

Case No: 2021-0442

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

Case No:	2021-0442			Date of visit:	01/11/2021					
O't- N-	E00470	- 1								
Site No:	FS0472	J		Inspector:						
Results Summary	Freq.	Date of Notification								
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp		
	1									
Report Summary	D-4-		and .							
Case Type ECI, CNI, SLI, VMD	Date 08/11/2021	Insp	2 <sup>nd</sup> Insp							
ECI, CIVI, SEI, VIVID	00/11/2021									
	-									





# FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business
 No
 FB0095
 Date of Visit
 01/11/2021

 Site No
 FS0472
 Site Name
 Wick of Belmont

 Case No
 20210442
 Inspector

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

The above site was inspected in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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

#### Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

### 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:

Date: 08/11/2021

Fish Health Inspector

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

FHI 059, Version 13	Issi	ued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0443			Date of visit: 03/11/2021
Time spent on site:	5 hrs	Main Inspect	or:
Site No: FS0451 Business No: FB0095	Site Name: Business Name:	Turness Cooke Aquaculture Scotland I	_td
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C):	Thermometer No:		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?	•	If yes, see additional info	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail re-	ason below:	

### **Additional Case Information:**

Remote inspection carried out on 27/10/2021 by under observation by unde

Site was due an ECI inspection but became fallow 29/09/2021 so a REG was carried out instead. Site visually inspected. No nets currently in the water. Site staff unsure of future stocking plans.

FHI 059, Version 13	3	_	Issu	ed by: FHI	_		Date of issue	: 12/05/2020
Case No:	2021-0443		Site No:	FS0451				
Date of Visit:		03/11/2021	]		Inspector(s):			
Registration/Author	orisation Deta	ils						
1. Business/site det			ite representa	ative?			Υ	
2. Changes made to	•	•	·				N	
Site Details (includ	de cleaner fis	h for all sect	ions)					
Total No facilities			Facilities sto	cked		No facilitie	es inspected	
Species	fallow							
Age group								
No Fish								
Mean Fish Wt								
Next Fallow Date (S	Site)			Next Input Da	ite (Site)	no current	plans	
Recent (last 4 wks)	disease proble	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
Movement Record 1. Movement record 2. Date of last inspect 3. Are records completed and the records are health certified.  Transport Records 1. Are any movement of the records and the records are th	ds available for ection: plete and corre ecords available plete and corre cates for introdes ents carried out	ectly entered? e for dead fis ectly entered? fuctions (outwo	th and waste? with GB) availa half) of the bu	able? usiness (not usi	_		21/08/2018	Y Y Y N/A
Mortality Records								
1. Mortality records	available for in	nspection?						Y
2. How are mortaliti	es disposed of	f <b>?</b>			Whole fish -	TWMA (Sh	etland)	
If other detail:								
3. Mortality records	complete and	correctly ente	ered?					Y
4. Recent mortality	(last 4 wks):		wk 36 & wk	37 - 18 (1.31), <sup>1</sup>	wk 38 & 39 -	18 (1.33%)		
<ol><li>Evidence of rece</li></ol>	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								Y
If yes, detail:				). All put down	to handling/tra	ansport		
7. Have increased (		nortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:			0.12					
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.								N

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)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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 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).	
Records checked between: 21/08/2018 - 01/11/2021	

FHI 059, Version 13		Issued by: FHI			Date o	of issue	: 12/05/2020
Case Number:	2021-0443		Site No:	FS0451		Insp:	
Date of Visit	03/11/2021		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	0
Sp. 5.5	Number of sup	ncluding third country	0			14	0
Mayananta aff			I 0			10	6
Movements off	Frequency of m		0			10	3
Exposure via water		Site contacts	5 0				
Water contacts with other farms (holding species	Farm is protect disinfection or l	red (secure water supply through borehole)	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 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		1
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	n from zone or compartment of us	4				
		from Category III farm	8				
	Processing fish	n from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	1			
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	1			0
·	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2
	Sites sharing s	taff and equipment	0	1	2		0
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	]			0
	No		2				
					Total		17
					Rank		MEDIUM

Site No: FS0451

Case No: 2021-0443

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

Case No: 2021-0443 Site No: FS0451 Date of visit: 03/11/2021

Start date:	,	fish:	Average weight of affected population:		Yearclass (SW SAL only):	Timescale	Mortality rate recorded(%):	Explained/ unexplained:	If explained, select reason(s):
09/08/21	15/08/2021	≥750g		SAL		Weekly	1.10	Explained	Transport
	-								

If unexplained, select observations:	Total mortality during event (if available):	Additional information (e.g. action taken by company):	Action taken by FHI (include case no where applicable):	Yearclass Year
	15	Mortalites put down to handling/ transport of broodfish. No further action	Low number of broodfish on site at time. Hence mortality % going above threshold after only 15 fish mortality. Mortality levels below reporting levels following weeks. Site reminded to report mortality events when above levels.	

Case No:	2021-0443			Date of visit:	03/11/2021			
Site No:	FS0451	1		Inspector:		1		
				'				
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
Report Summary								
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
REG	08/11/2021							





# FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business
 No
 FB0095
 Date of Visit
 01/11/2021

 Site No
 FS0451
 Site Name
 Turness

 Case No
 20210443
 Inspector

The above site was inspected in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

On this occasion, the site was found to be fallow with all nets removed. Manager unsure of future plans to restock the site at this time.

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

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

Signed: Date: 08/11/2021
Fish Health Inspector

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

FHI 059, Version 13	!	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0444			Date of visit: 03/11/2021
Time spent on site:	2 hrs	Main Inspec	etor:
Site No: FS0088	Site Name:	Cloudin	
Business No: FB0095	Business Name:	Cooke Aquaculture Scotland	Ltd
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 10.6	Thermometer No:	T148	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA S-10
Dead/weak/abnormally behaving	•		ormation/clinical score sheet.
Clinical signs of disease observ	ed?		ormation/clinical score sheet.
Gross pathology observed? Diagnostic samples taken?		N If yes, see additional info	ormation/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detail	reason below:	

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

Remote inspection carried out on 27/10/2021 by under observation by under supervision of under supervision of under supervision.

Fish waste currently being held by TWMA Shetland and is to be used to produce biofuel by SEM once fully approved and operational.

Upon inspection of the stock, fish were showing no signs of clinical disease. Fish sampled for VMD appeared healthy with no visual signs of disease internally or externally.

FHI 059, Version 13			Issu	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2021-0444		Site No:	FS0088				
Date of Visit:		03/11/2021	]		Inspector(s):			l
Registration/Autho 1. Business/site deta	ails summary		site representa	ative?			Υ	l
2. Changes made to	details?						N	J
Site Details (includ	e cleaner fis	h for all sect	ions)			_		
Total No facilities		12	Facilities sto	cked	12	No facilitie	s inspected	12
Species	SAL							
Age group	2021 S0							
No Fish	823,000							
Mean Fish Wt	200g							
Next Fallow Date (S	*	June 2023		Next Input Da	_ ` '	Sep. 2023		
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
<ol> <li>Movement record</li> <li>Date of last inspect</li> <li>Are records compt</li> <li>Are movement records compt</li> <li>Are records compt</li> <li>Are health certification</li> <li>Transport Records</li> <li>Are any movement</li> <li>If yes, is there a system</li> </ol>	ction:  clete and correct  cords available  lete and correct  ates for introducts  ats carried out	ectly entered? le for dead fis ectly entered? luctions (outw	sh and waste? ? vith GB) availa half) of the bu	able? usiness (not us			05/12/2019	Y Y Y N/A
Mortality Records	: - - - <b>f</b> :							
<ol> <li>Mortality records a</li> <li>How are mortalities</li> </ol>		•			Whole fish -	T\\/\\\\ /Sh/	atland)	1
If other detail:	s disposed o	1:			WHOLE HISH -	T VVIVIA (SITE	tiariu)	
3. Mortality records	complete and	correctly ent	ered?					V
4. Recent mortality (		correctly eric		8 0.67%), wk 4	0 (2 426 0 20	0/2 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	21 0 02%) 14	ا اد ۱۸ (۱۳۶
5. Evidence of recer	•	typical mortal		5 0.07 70), WK 4	0 (2,420 0.29	70), WK 41 (2	.51 0.05 /0), w	N 42 (173
If yes, facility nos/no		**		/reason:				
11 yes, facility 1103/110	mortality per	Tacility/110 3to	on per facility	ricason.				
6. Any other peaks i	n mortality du	ring period ch	necked?					N
If yes, detail:	ortanty du	g poriou or						
7. Have increased (u	unexplained)	mortalities he	en reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	ality events sl	neet.		N/A
,			,		•			

Treatments and Medicines Records	V
1. Recent treatments (see comment)?	1
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 <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	•
ii iio, detaii.	
Results of Surveillance	
Has any animal health surveillance been carried out by, or on behalf of, the business?	V
2. If yes, are results available for inspection?	N
3. Any significant results?	IN
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 05/12/2019 - 27/10/2021	
Records checked between.	

ГГ	11 059, Version 13							ISS	ued by: F	п			
	Case no:	2021-04	144	Site No:		FS0088	_		Date of v		03/1	11/2021	
	Priority samples:	VI		ВА		PA		MG	Sampling	a. HI			
	Time sampling starts/ends:		0:00		0:00		Inspecto	or:		_	VMD No	). <b> </b>	14
	Environmental conditions:	1	Indoors	2		3		4	_	5		ı	
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-4	5-7	8-11	12-15								
	Pool Group												
	Species	SAL	SAL	SAL	SAL								
	Average weight	0.2000	0.2000	0.2000	0.2000								
	Sex	N/A	N/A	N/A	N/A								
	Water Type	SW	SW	SW	SW								
iis					40								
Details		a e	ale	ale	3Ce								
		Migdale	Migdale	Migdale	Furnace								
Stock	Stock Origin												
St	Facility No	1	6	7	10								

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

FHI 059, Version 13		Issued by: FHI			Date o	t issue	: 12/05/2020
Case Number:	2021-0444		Site No:	FS0088		nsp:	
Date of Visit	03/11/2021		No of m	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out		novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or necluding third country	0	9	18	26	0
·	Number of sup		0		10	14	0
Movements off	Frequency of n	novements off	l 0	3	6	10	6
	Number of des		0		6	10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or	•	0				
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0	1			
and raids of the unconve	Processing ow	n fish (re-cycling risk)	1	1			1
	Processing fish	from MS of equivalent status	2	1			
	Processing fish equivalent state	n from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	n from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	1			
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	i			0
·	Feeding unpas	•	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2
	Sites sharing s	taff and equipment	0	1	2		2
Disinfection of equipment	Yes			1			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	1			0
	No		2	]			
					Total Rank		19 MEDIUM

Case No:	2021-0444	Site No:	FS0088	
Sea Lice Inspection (S	Seawater Sites Only)			
1. Has the site experier	nced sea lice problems in the previous 4 years?			N
2. Is the CoGP Farm M	Management Area (or equivalent) fallowed synchronously or	n a single y	ear class basis?	Υ
azamethiphos and ema	access to a range of licenced in-feed and bath sea lice med amectin benzoate) as well as access to suitable biological a I in a reasonable period of time?	<b>`</b>		, and
4. Is there a signed doo Management Area (or e	cumented farm management agreement or statement releven equivalent)?	ant to the s	ite and CoGP Farm	Υ
5. Are sea lice count re	ecords available for inspection? (Legal SSI, CoGP Annex 6)	)		Υ
6. Do records adequate	ely reflect the required standard specified in the SSI and the	e CoGP? (L	Legal SSI, CoGP Annex 6	) Y
7. Are sea lice ( <i>L. salm</i> records are inspected?	nonis) record levels below the suggested criteria for treatme? (CoGP Annex 6)	ent in the Co	oGP during the period tha	t Y
	female sea lice ( <i>L. salmonis</i> ) numbers per fish been at a le 0/6/19) during the period that records are inspected?	evel of 3 or a	above (prior to w/b 10/6/1	9) or Y
If yes, have these been	n reported to the Fish Health Inspectorate? If no, FHI see co	omment.		Υ
9. Is C. elongatus infes	station at a level which is considered to cause significant we	elfare probl	ems? (CoGP 4.3.81, 5.3.5	50) N
•	reatments been administered or other actions taken when $\it L$ reatment or where $\it C.$ elongatus is considered to have welfa			
11. Has any other actio	on been taken (where applicable)?			N/A
12. Have therapeutic tro	reatments or the actions taken had a significant impact upor	n the lice le	vels recorded?	Υ
	ere conducted, carried out in cooperation between participa	_		Υ
14. Is there a harvesting sea lice?	ng strategy for the site, where fewer populations or part populations	ulations are	e held without treatment fo	or Y
	cific written lice management procedure with waypoints desc scalation of a sea lice infestation?	cribing set a	actions to deal with recogr	nised Y
16. Do the sea lice leve	els observed on stocks reflect sea lice count data? If no ple	ase detail r	easons.	Υ
Containment Inspecti				V
•	nced equipment damage due to predators in the current or		•	Y
Top Nets,	ice to mitigate against the predation experienced on site? (D	Jetali below	<u>')                                    </u>	Υ
Tensioned Nets,				
Lice Skirts				
If other, detail below:				
· ·	ents or events been experienced on or in the vicinity of the s estions 4 – 9. If No skip to question 10	ite since th	e last FHI inspection?	N
	ported to Scottish Ministers?			
·	ported to local DSFB forthwith (where they exist)? (CoGP –	4.4.37. 5.4	1.17)	
	ported to the SSPO and local fisheries trusts forthwith (when		•	7)
·	`	•		<i>'</i>
7. Were methods (if an	ny) used to recover escapees? If yes give detail			
8. If gill nets were deplo Ministers? (Legal, CoG	oyed was this action agreed with local wild fish interests and SP – 4.4.38, 5.4.18)	d was perm	nission given by Scottish	
9. What action was take	en to prevent and minimise the risk of further escapes? (No	ot covered i	n code but could	
be considered under	r satisfactory measures of the Act)			
10. Is the site inspected	d as satisfactory with regards to containment? If no, please	detail reas	on(s)	Υ

Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0444	Site No: FS0088	
Date of Visit: 03/11/2021	Inspector:	
Point of Compliance  1. Is the farm under inspection located w	uithin a farm management area?	V
If N, no further questions require comple	•	Ť
<ul><li>2. Has a current farm management agree</li><li>3. Is the current FMAg/S available for instance</li><li>4. Does the FMAg/S identify the relevant</li><li>5. Does the FMAg/S identify the fish farm</li></ul>	farm management area? n site(s) to which it applies? commencement of the agreement or staten	ed?
farm?	m health standards for the stocks to be intro	
10. Does the FMAg/S identify the specie	tion requirements for stocks held in the areas of fish which may be stocked into the area num stocking density of any pen on any farn	a or farm?
	pements for the storage and disposal of any rm?	dead fish from any
Arrangements for The Management of 13. Does the FMAg/S identify arrangements	of Sea Lice ents for the sharing of data on sea lice num	bers and treatments?
14. Does the FMAg/S identify the available of statement?	bility and the use of medicines on farms cov	vered by the agreement Y
15. Does the FMAg/S identify any require lice on farms in the area or individual far	ements for the sensitivity testing of available ms?	
16. Does the FMAg/S identify the circum used on farms in the area or individual fa	nstances under which biological controls and arms?	d cleaner fish are to be
	ements for synchronous treatments on farm	ns within the area?
Live Fish Movements 18. Does the FMAg/S identify the circum area or farm?	nstances when live fish may be introduced o	or removed from the
19. Does the FMAg/S identify the arrang or individual farms?	ements for the movement of live fish on an	d 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 acceptab	ole harvest practices on farms in the area or ind	ividual farms?
Fallowing 21. Does the FMAg/S identify the dates date when a farm or area may be resto	by which the area or individual farm will be fall cked?	ow and the earliest
22. Does the FMAg/S identify whether agreement or statement?	one or more year classes may be stocked onto	
23. Does the FMAg/S identify whether covered by the agreement or statemen	broodstock or potential broodstock are to be ke t?	ept on any site
Point of Compliance for Farm Manage 24. Does the farm management agree parties to the agreement?	gement Agreements Only ment include arrangements for persons to beco	ome, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and 26. What is the version no/date of issue	d operated in accordance with the agreement or e of the FMAg/S?  DOI 04/10/2019	r statement?

Site No: FS0088

Case No: 2021-0444

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2021-0444			Date of visit:	03/11/2021			
Otto No.	E00000							
Site No:	FS0088	J		Inspector:				
Results Summary	Freq.	Date of Notification						
,,		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
Report Summary			1					
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
ECI, CNI, SLI, VMD	08/11/2021		2 IIISP					





# FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0095
 Date of Visit
 03/11/2021

 Site No
 FS0088
 Site Name
 Cloudin

 Case No
 20210444
 Inspector

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

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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

#### Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

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

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

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



Fish Health Inspector

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

Date: 08/11/2021

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020	
Case No: 2021-0448			Date of visit: 03/11/2021	
Time spent on site:	1hr	Main Inspec	ctor:	
Site No: FS0843	Site Name:	Evanachan Marine Hatchery	1	
Business No: FB0012	Business Name:	Otter Ferry Seafish Ltd		
Case Types: 1 ECI	2 CNI 3 SLI	4 5	6	
Water Temp (°C): 12.2	Thermometer No:	T173	FHI 045 completed	
Observations:	Region: ST	Water type: S	CoGP MA M-42	
Dead/weak/abnormally behaving	•		formation/clinical score sheet.	
Clinical signs of disease observ	/ed?		formation/clinical score sheet.	
Gross pathology observed?		N If yes, see additional inf	formation/clinical score sheet.	
Diagnostic samples taken?		IN		
UNI/REG only - if unable to carry out intended visit detail reason below:				

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

Remote inspection done on 28/10/21 by supervised by

Recent mortalities:

Wrasse

1-28 October - no mortality

Halibut

September - 4,693 (10.53%) - upon investigation, this was found to be a data entry issue. The technician had recorded shortfalls in numbers (weaning halibut are hand counted into tanks from first feeding - these numbers are not unusual). Instead of accepting the number difference he has recorded this as a mortality. Mortality now corrected to 667 fish instead of 4,693.

1-28 October - 924 (2.35)

Lumpsucker

1-28 October - 320 (0.24%)

Other peaks in mortality

Halibut

December 2020 (13.58%, 17g) - fish blind due to eye deformities.

15 March 2021 - transferred 11,629 fish and suffered a loss of 2,300. This loss is recorded by South Drumachro FS0335 (Gigha Halibut).

The cause was over loading, there was very little mortality prior to transfer and it was concluded that the fish sat at the base of the tanks and became overcrowded. Subsequent loads were reduced in quantity and had no issues.

Wrasse

February 2019 (12.97%, 15.2g) - atypical furunculosis, fish treated with antibiotic

Site inspection conducted by and observed by on 03/11/2021.

Fish populations appeared healthy with no clinical signs of disease. Background mortalities observed in some tanks.

FHI 059, Version 13		_	Issu	ued by: FHI	_	Date of issue	e: 12/05/2020
Case No:	2021-0448		Site No:	FS0843			
Date of Visit:		03/11/202	21		Inspector(s):		
Registration/Autho	risation Deta	ils					
1. Business/site deta	ails summary	checked by	site represent	ative?		Υ	
2. Changes made to	details?					N	
Site Details (includ	e cleaner fis	h for all se	ctions)				
Total No facilities	o orounor no	78	Facilities sto	ocked	66	No facilities inspected	78
Species	Wrasse	Halibut	Lumpfish				
Age group		2021	2021				
No Fish	6,265	34,267	138,947				
Mean Fish Wt	442q	4g	9g				
Next Fallow Date (S		N/A	-9	Next Input Da	ite (Site)	Lumpfish ova input may	22, halibut
Recent (last 4 wks)		ems?			_ ` '	(since last visit)?	Ň
If yes, detail:						,	
<ol> <li>Are records comp</li> <li>Are movement records comp</li> <li>Are records comp</li> <li>Are health certification</li> <li>Transport Records</li> <li>Are any movement</li> <li>If yes, is there a system</li> </ol>	cords availab lete and corre ates for introd nts carried ou	e for dead fectly entered luctions (ou	fish and waste'd? twith GB) avail pehalf) of the b	able? usiness (not usi			N/A N/A Y
Mortality Records							
1. Mortality records a	available for i	nspection?					Y
2. How are mortalitie		•			Incinerated -	on site	
If other detail:	·						
3. Mortality records of	complete and	correctly er	ntered?				Y
4. Recent mortality (	last 4 wks):		See addition	nal info.			
5. Evidence of recen	nt increased/a	typical mort	alities?				N
If yes, facility nos/no				y/reason:		· ·	
6. Any other peaks in	n mortality du	ring period	checked?				Y
If yes, detail:	See addition	al info.					
7. Have increased (u			een reported t	o vet or FHI?			N/A
If yes, detail action:							
8. Have 'mortality ev	ents' been re	ported to FI	II? If no, enter	details on mort	ality events sh	neet.	N/A

Treatments and Medicines Records		
Recent treatments (see comment)?		N
If yes, detail:		
If other, detail:		
Medicines records available for inspection?		
Are records complete and correctly entered?		\ \
· · · · · · · · · · · · · · · · · · ·		N
4. Are fish in a withdrawal period?		IN
5. If yes, what treatment(s)?		
If other, detail:		V
6. Are medicines stored appropriately?		1
Diagramity Basarda		
Biosecurity Records  1. Biosecurity records available for inspection?		V
Biosecurity records available for inspection?     Has the manner and frequency of mortality removal, recording a	- Leefe dispessal been considered?	1
2. Has the manner and frequency of mortality removal, recording a		
3. Has the manner and period in which the APB will notify Scottish	Ministers or veterinary professional of any	V
increased (unexplained) mortality at the site been included?		1
4. Has the action that will be taken in the event that the presence of	· · · · · · · · · · · · · · · · · · ·	V
is detected been included and how and when that will be notified t		Y
5. Has the health status of aquaculture animals being stocked on the	ne farm site been covered (equal or higher	Y
health status, certification if required)?		
0 II		
6. Have the husbandry and biosecurity measures implemented bet		1
transmission of disease been covered (movement of staff, visitors,		V
7. Is documentation available regarding the measures in place to n	naintain the physical containment of	1
aquaculture animals held on site?		17
8. Have the biosecurity procedures been adequately implemented	on site?	Y
If no, detail:		
D 11 60 11		
Results of Surveillance	Luff of the Lucianaea	
1. Has any animal health surveillance been carried out by, or on be	half of, the business?	1
2. If yes, are results available for inspection?		Y
3. Any significant results?		N
If yes, detail (if not detailed under recent disease problems).		
20/04	10040 0014010004	
Records checked between: 30/01	/2019 - 28/10/2021	

FHI 059, Version 13		Issued by: FHI			Date o	f issue	: 12/05/2020
Case Number:	2021-0448		Site No:	FS0843		Insp:	
Date of Visit	03/11/2021		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	5
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
GP 00.00	Number of sup	ncluding third country	0			14	5
Movements off			0			10	6
Movements off	Frequency of m		0		6	10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or l	ed (secure water supply through porehole)	0				0
susceptible to same diseases)	farms upstream	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		
	farms upstream	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		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 waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro	•	0				0
	Processing own	n fish (re-cycling risk)	1				
		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 was	te only processed.	0	Ī			
products	Common proce	esses with other farms	3				3
	Collection point	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	Ī			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment 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	]			0
	No		2	1			
					Total		25
					Rank		MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of iss	ue: 12/05/2020
Case No: 2021-0448	Site No:	FS0843	
Sea Lice Inspection (Seawater Sites Only)			
1. Has the site experienced sea lice problems in the previo	us 4 years?		N
2. Is the CoGP Farm Management Area (or equivalent) fal	lowed synchronously on a single	year class basis?	N
3. Does the site have access to a range of licenced in-feed azamethiphos and emamectin benzoate) as well as acces can these be deployed in a reasonable period of time?			Υ
4. Is there a signed documented farm management agreen	nent or statement relevant to the s	site and CoGP Farm	Υ
Management Area (or equivalent)?			
<ol> <li>Are sea lice count records available for inspection? (Leg</li> <li>Do records adequately reflect the required standard spe</li> </ol>		Legal SSI, CoGP Annex 6)	N/A N/A
7. Are sea lice ( <i>L. salmonis</i> ) record levels below the suggerecords are inspected? (CoGP Annex 6)	ested criteria for treatment in the C	coGP during the period that	N/A
8. Have average adult female sea lice ( <i>L. salmonis</i> ) number 2 or above (from w/b 10/6/19) during the period that record		above (prior to w/b 10/6/19) or	N/A
If yes, have these been reported to the Fish Health Inspect	orate? If no, FHI see comment.		N/A
9. Is C. elongatus infestation at a level which is considered	to cause significant welfare prob	lems? (CoGP 4.3.81, 5.3.50)	N/A
<ol> <li>Have therapeutic treatments been administered or othe suggested criteria for treatment or where C. elongatus is c</li> </ol>			N/A
11. Has any other action been taken (where applicable)?			N/A
12. Have therapeutic treatments or the actions taken had a	•		N/A
<ol><li>Are treatments, where conducted, carried out in cooper</li></ol>			N/A
14. Is there a harvesting strategy for the site, where fewer   sea lice?	populations or part populations are	e held without treatment for	N/A
15. Is there a site specific written lice management procedused in the specific written lice management procedused in the specific written lice management procedure.	ure with waypoints describing set	actions to deal with recognised	N/A
16. Do the sea lice levels observed on stocks reflect sea lic	ce count data? If no please detail	reasons.	Υ
Containment Inspection			
1. Has the site experienced equipment damage due to pre-	dators in the current or previous p	roduction cycles?	N
2. Are measures in place to mitigate against the predation	experienced on site? (Detail below	v)	Υ
Covered outdoor			
tanks and indoor			
tanks.			
If other, detail below:			
Tank screens inspected and cleaned daily.  3. Have escape incidents or events been experienced on a	or in the vicinity of the site since th	no last EHI inspection?	N
If Yes proceed with questions 4 – 9. If No skip to question	-	ie iast i i ii iiispection:	IN
4. Have these been reported to Scottish Ministers?	.0		
5. Have these been reported to local DSFB forthwith (wher	e they exist)? (CoGP = 4.4.37.5)	4 17)	
6. Have these been reported to the SSPO and local fisheric		· · · · · · · · · · · · · · · · · · ·	
		,. (,	
7. Were methods (if any) used to recover escapees? If yes	give detail		
8. If gill nets were deployed was this action agreed with loc Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	al wild fish interests and was pern	nission given by Scottish	
9. What action was taken to prevent and minimise the risk	of further escapes? (Not covered	in code but could	
be considered under satisfactory measures of the Ad			
10. Is the site inspected as satisfactory with regards to con		son(s)	Y

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0448	Site No: FS0843	
Date of Visit: 03/11/2021	Inspector:	
Point of Compliance  1. Is the farm under inspection located v	within a farm management area?	V
If N, no further questions require comple	•	
<ul><li>2. Has a current farm management agree</li><li>3. Is the current FMAg/S available for in</li><li>4. Does the FMAg/S identify the relevant</li><li>5. Does the FMAg/S identify the fish farm</li></ul>	nt farm management area? m site(s) to which it applies? commencement of the agreement or statem	ed? Y Y Y Y
Arrangements for Fish Health Manag 8. Does the FMAg/S identify the minimularm?	ement Im health standards for the stocks to be intro	oduced to the area or Y
10. Does the FMAg/S identify the specie	ation requirements for stocks held in the area es of fish which may be stocked into the area num stocking density of any pen on any farm	a or farm?
	gements for the storage and disposal of any arm?	dead fish from any
Arrangements for The Management of 13. Does the FMAg/S identify arrangement	of Sea Lice lents for the sharing of data on sea lice numb	pers and treatments?
14. Does the FMAg/S identify the availa of statement?	bility and the use of medicines on farms cove	ered by the agreement Y
15. Does the FMAg/S identify any requirelice on farms in the area or individual fa	rements for the sensitivity testing of available rms?	
16. Does the FMAg/S identify the circumused on farms in the area or individual f	nstances under which biological controls and farms?	I cleaner fish are to be
	gements for synchronous treatments on farm	ns within the area?
Live Fish Movements 18. Does the FMAg/S identify the circumarea or farm?	nstances when live fish may be introduced o	r removed from the
19. Does the FMAg/S identify the arrang or individual farms?	gements for the movement of live fish on and	d 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	e harvest practices on farms in the area or indiv	vidual farms?
date when a farm or area may be restoc 22. Does the FMAg/S identify whether or agreement or statement?	ne or more year classes may be stocked onto s roodstock or potential broodstock are to be kep	sites covered by the
Point of Compliance for Farm Manage		me, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and a 26. What is the version no/date of issue	operated in accordance with the agreement or of the FMAg/S? 07/10/2021	statement? Y

		_				_		
Case No:	2021-0448			Date of visit:	03/11/2021			
6'' N	E00040							
Site No:	FS0843			Inspector:				
Results Summary	Freq.			Da	te of Notifica	tion		
results cultillary	r req.	Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
								2 11135
Report Summary			I	1				
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
ECI,CNI,SLI			2 11100					
ECI,CNI,SLI Case Completion	11/11/2021 15/12/2021							





### SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0012 Date of Visit 03/11/2021

SITE NO FS0843 SITE NAME Evanachan Marine Hatchery

CASE NO 20210448 INSPECTOR

### Case completion report

Recommendations in relation to the above case were made for implementation by 15/12/2021. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

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

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

Signed: Date: 15/12/2021

Fish Health Inspector





#### SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0012 Date of Visit 03/11/2021

SITE No FS0843 SITE NAME Evanachan Marine Hatchery

Case No 20210448 INSPECTOR

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

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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 two years. The category of the site will be reassessed on a routine basis and updated as required.

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

The following point was raised with the site representative during the inspection:

• The transfers between the Evanachan Marine Hatchery (FS0843) and Evanachan Salt Water (FS0001) sites were missing from the movement records.

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

# 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.

### 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, containment and escapes.

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



FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0449			Date of visit: 03/11/2021
Time spent on site:	h	Main Inspect	or:
Site No: FS0001	Site Name:	Evanachan Salt Water	
Business No: FB0012	Business Name:	Otter Ferry Seafish Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	4 5	6
Water Temp (°C): 12.2	Thermometer No:	T173	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA M-42
Dead/weak/abnormally behaving	fish present?		rmation/clinical score sheet.
Clinical signs of disease observe	d?		rmation/clinical score sheet.
Gross pathology observed?		N If yes, see additional info	rmation/clinical score sheet.
Diagnostic samples taken?		N	
UNI/REG only - if unable to carry	out intended visit detai	I reason below:	

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

Remote inspection done on 28/10/21 by supervised by

Recent mortalities:

Wrasse

1-28 October - 17,886 (2.86%)

Halibut

1-28 October - no mortality

Lumpfish

1-28 October - 3,800 (1.04%)

Other peaks in mortality

Wrasse

July 2021 (9.65%, 82.3g) - atypical furunculosis, fish treated with antibiotic

Lumpfish

November 2020 (16.27%, 12g) - atypical furunculosis, fish treated with antibiotic

January 2021 (12.33%, 1.6kg) - atypical furunculosis, fish treated with antibiotic

March 2021 (14.6%, 2.2kg) - atypical furunculosis, fish treated with antibiotic

April 2021 (17.1%, 2.6kg) - atypical furunculosis, fish treated with antibiotic, strain now included into injectable vaccine

May 2021 (18.56%, end of cycle) - end of cycle, most fish culled due to lack of demand

Physical inspection done by and observed by on 03/11/2021.

Populations looked healthy with no apparent clinical signs of disease. Background mortalities observed in some of the tanks.

FHI 059, Version 13		_	Issu	ied by: FHI	_		Date of issue	e: 12/05/2020
Case No:	2021-0449	]	Site No:	FS0001				
Date of Visit:		03/11/2021	]		Inspector(s):			l
Registration/Autho	risation Deta	ails						_
1. Business/site deta	•	checked by s	site representa	ative?			Y	
2. Changes made to	details?						N	l
Site Details (includ	e cleaner fis	h for all sect	tions)					
Total No facilities		68	Facilities sto	ocked	41	No facilitie	s inspected	68
Species	Wrasse	Halibut	Lumpfish					
Age group	2018-2021	2018-2021	2020-2021					
No Fish	616,920	9,407	297,153					
Mean Fish Wt	17.3g	266.9g	23.48g					
Next Fallow Date (S	•	N/A		Next Input Da	_ ` ′		put currently o	
Recent (last 4 wks)					Any escapes	(since last	visit)?	N
If yes, detail:	AGD - wrass	se and lumpfi	sh. Furunculo	sis in lumpfish.				
<ol> <li>Are records comp</li> <li>Are movement re</li> <li>Are records comp</li> <li>Are health certific</li> </ol> Transport Records <ol> <li>Are any movement</li> <li>yes, is there a system</li> </ol>	cords availab plete and corre ates for introd nts carried ou	le for dead fis ectly entered' ductions (outv	sh and waste? ? vith GB) availa :half) of the bu	able? usiness (not us				N/A N/A N/A N/A
Mortality Records								
1. Mortality records	available for i	nspection?						Y
2. How are mortalities	es disposed o	f?			Incinerated -	on site		
If other detail:								
3. Mortality records	complete and	correctly ent	ered?					Y
4. Recent mortality (	last 4 wks):		See addition	nal info.				
5. Evidence of recer	nt increased/a	typical morta	lities?					N
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:				
6. Any other peaks i	n mortality du	ring poriod o	nookod2					N
If yes, detail:	I mortality du	ning penod ci	ieckeu:					11
7. Have increased (	inexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:	anoxplained)	- I I I I I I I I I I I I I I I I I I I	on reported to	o locol i i i i				
8. Have 'mortality ev	ents' been re	ported to FHI	? If no enter	details on mort	tality events sh	neet.		N/A
o lato mortality ov	C. NO DOCTITO	p 3/100 to 1 1 11	. Il lio, cinci	LOWING OF THOSE	LLING OF CITIES SI			

Treatments and Me	edicines Reco	ords				
1. Recent treatments	s (see comme	nt)?				Y
		Chloramine T, Florfenicol,				
If yes, detail:		Formalin				
	Formalin, Chloramine T - wrasse. Florfenicol -					
If other, detail:	lumpfish.					
2. Medicines records		inspection?				Y
3. Are records comp		•				Y
4. Are fish in a withd						Y
5. If yes, what treatn	•		Florfenicol			
If other, detail:						
6. Are medicines sto	red appropriat	tely?				Y
Biosecurity Record						
Biosecurity record		•				Y
	•	of mortality removal, reco	_	•		Y
	•	hich the APB will notify So		s or veterinary	professional of any	
	•	at the site been included?				Y
		in the event that the pres			ence of a listed disease	
		v and when that will be no				Y
	•	lture animals being stocke	ed on the farm :	site been cove	red (equal or higher	Y
health status, certific	ation if require	∌d)?				
6. Have the husband	dry and bioseo	urity measures implement	ted between ea	och enidemiolo	gical unit to minimise	
	•	ered (movement of staff, v		•	<del>-</del>	
		arding the measures in pla	• •			Y
aquaculture animals		ruling the measures in pla	ce to maintain	tric priyatear co	intalliment of	
•		s been adequately implem	ented on site?			Y
If no, detail:	n) processing	, wood, and quality and				
,						
Results of Surveilla	ance					
1. Has any animal h	ealth surveillar	nce been carried out by, o	r on behalf of, t	the business?		Y
2. If yes, are results		-				Y
3. Any significant res	sults?					N
If yes, detail (if not d	etailed under r	recent disease problems).				
F	Records check	ed between:	07/10/2020 - 2	28/10/2021		

FHI 059, Version 13		Issued by: FHI			Date o	of issue	: 12/05/2020
Case Number:	2021-0449		Site No:	FS0001	I	Insp:	
Date of Visit	03/11/2021		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or necluding third country	0	9	18	26	
·	Number of sup		0			14	
Movements off	Frequency of n	novements off	I 0	3	6	10	10
	Number of des		0		6	10	10
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or	•	0				0
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro	cessing	0	]			0
the fules of the directive	Processing ow	n fish (re-cycling risk)	1				
	Processing fish	n from MS of equivalent status	2				
	Processing fish equivalent state	n from zone or compartment of us	4				
	Processing fish	n from Category III farm	8				
	Processing fish	n from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	1			
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	i			0
·	Feeding unpas	•	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		T 0	1			0
between sites, use of footbaths etc	No		1				
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 Rank		26 HIGH

FHI 059, Version 13	Issued by: FHI	Date of issu	ue: 12/05/2020
Case No: 2021-0449	Site No:	FS0001	
Sea Lice Inspection (Seawater Sites Only)			
<ol> <li>Has the site experienced sea lice problems in the previous</li> </ol>	s 4 years?		N
2. Is the CoGP Farm Management Area (or equivalent) fallo	wed synchronously on a single y	ear class basis?	N
3. Does the site have access to a range of licenced in-feed a azamethiphos and emamectin benzoate) as well as access can these be deployed in a reasonable period of time?	•		Υ
4. Is there a signed documented farm management agreeme Management Area (or equivalent)?	ent or statement relevant to the s	ite and CoGP Farm	Υ
5. Are sea lice count records available for inspection? (Legal	SSI, CoGP Annex 6)		N/A
6. Do records adequately reflect the required standard specif	fied in the SSI and the CoGP? (I	Legal SSI, CoGP Annex 6)	N/A
7. Are sea lice (L. salmonis) record levels below the suggest records are inspected? (CoGP Annex 6)	ted criteria for treatment in the C	oGP during the period that	N/A
8. Have average adult female sea lice ( <i>L. salmonis</i> ) numbers 2 or above (from w/b 10/6/19) during the period that records		above (prior to w/b 10/6/19) or	N/A
If yes, have these been reported to the Fish Health Inspector	rate? If no, FHI see comment.		N/A
9. Is C. elongatus infestation at a level which is considered t	o cause significant welfare probl	ems? (CoGP 4.3.81, 5.3.50)	N/A
<ol> <li>Have therapeutic treatments been administered or other suggested criteria for treatment or where C. elongatus is cor</li> </ol>			N/A
11. Has any other action been taken (where applicable)?			N/A
12. Have therapeutic treatments or the actions taken had a s	ignificant impact upon the lice le	evels recorded?	N/A
13. Are treatments, where conducted, carried out in cooperate			N/A
14. Is there a harvesting strategy for the site, where fewer posea lice?	pulations or part populations are	e held without treatment for	N/A
15. Is there a site specific written lice management procedure scenarios during the escalation of a sea lice infestation?	e with waypoints describing set	actions to deal with recognised	N/A
16. Do the sea lice levels observed on stocks reflect sea lice	count data? If no please detail r	reasons.	Υ
Containment Inspection			
1. Has the site experienced equipment damage due to preda	tors in the current or previous p	roduction cycles?	N
2. Are measures in place to mitigate against the predation ex	xperienced on site? (Detail below	v)	Υ
Covered outdoor			
tanks and indoor			
tanks.			
If other, detail below:			
Tank screens inspected and cleaned daily.  3. Have escape incidents or events been experienced on or	in the vicinity of the site since th	o last EUI inspection?	N
If Yes proceed with questions 4 – 9. If No skip to question 10	•	le last FHI Ilispection?	N
4. Have these been reported to Scottish Ministers?			
5. Have these been reported to local DSFB forthwith (where	thev exist)? (CoGP - 4 4 37 5	1 17)	
6. Have these been reported to the SSPO and local fisheries	• • •	•	
'	· ·	, , , ,	
7. Were methods (if any) used to recover escapees? If yes g	ive detail		
8. If gill nets were deployed was this action agreed with local Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	wild fish interests and was perm	nission given by Scottish	
9. What action was taken to prevent and minimise the risk of	further escapes? (Not covered	in code but could	
be considered under satisfactory measures of the Act)			
10. Is the site inspected as satisfactory with regards to conta		on(s)	Υ

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0449	Site No: FS0001	
Date of Visit: 03/11/2021	Inspector:	
Point of Compliance  1. Is the farm under inspection located w	vithin a farm management area?	V
If N, no further questions require comple	· ·	
<ul><li>2. Has a current farm management agree</li><li>3. Is the current FMAg/S available for instance</li><li>4. Does the FMAg/S identify the relevant</li><li>5. Does the FMAg/S identify the fish farm</li></ul>	farm management area? n site(s) to which it applies? commencement of the agreement or staten	Y Y Y Y
Arrangements for Fish Health Manage 8. Does the FMAg/S identify the minimum farm?	e <b>ment</b> m health standards for the stocks to be intro	oduced to the area or Y
10. Does the FMAg/S identify the specie	tion requirements for stocks held in the areases of fish which may be stocked into the areasement stocking density of any pen on any farm	a or farm?
	ements for the storage and disposal of any m?	dead fish from any
Arrangements for The Management o 13. Does the FMAg/S identify arrangement	f Sea Lice ents for the sharing of data on sea lice num	bers and treatments?
14. Does the FMAg/S identify the available of statement?	oility and the use of medicines on farms cov	vered by the agreement
15. Does the FMAg/S identify any require lice on farms in the area or individual far	ements for the sensitivity testing of available ms?	
16. Does the FMAg/S identify the circum used on farms in the area or individual fa	stances under which biological controls and arms?	d cleaner fish are to be
	ements for synchronous treatments on farm	ms within the area?
Live Fish Movements 18. Does the FMAg/S identify the circum area or farm?	nstances when live fish may be introduced o	or removed from the
19. Does the FMAg/S identify the arrang or individual farms?	ements for the movement of live fish on an	d 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 ha	rvest practices on farms in the area or inc	dividual farms?
Fallowing 21. Does the FMAg/S identify the dates by vidate when a farm or area may be restocked 22. Does the FMAg/S identify whether one of agreement or statement? 23. Does the FMAg/S identify whether brook	? or more year classes may be stocked onto	o sites covered by the
covered by the agreement or statement?  Point of Compliance for Farm Manageme	ent Agreements Only	
24. Does the farm management agreement parties to the agreement?  Management and operation	include arrangements for persons to bed	offie, of cease to be,
25. Is the fish farm being managed and ope 26. What is the version no/date of issue of t		or statement?

Case No:	2021-0449			Date of visit:	03/11/2021			
Site No:	FS0001	J		Inspector:				
Results Summary	Freq.			Da	te of Notifica	tion		
results summary	1104.	Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
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Report Summary			1					
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
ECI,CNI,SLI	11/11/2021		Z insp					
Case Completion	15/12/2021							
Case Completion	10,12,2021							

Page 1 of 1





#### SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0012 Date of Visit 03/11/2021

SITE NO FS0001 SITE NAME Evanachan Salt Water

CASE NO 20210449 INSPECTOR

### Case completion report

Recommendations in relation to the above case were made for implementation by 15/12/2021. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

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

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

Signed: Date: 15/12/2021

Fish Health Inspector





#### SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0012 Date of Visit 03/11/2021

SITE No FS0001 SITE NAME Evanachan Salt Water

Case No 20210449 INSPECTOR

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

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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

### Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

The following point was raised with the site representative during the inspection:

• The transfers between the Evanachan Marine Hatchery (FS0843) and Evanachan Salt Water (FS0001) sites were missing from the movement records.

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

# 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.

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

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

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

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

Signed: Date: 11/11/2021
Fish Health Inspector

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020				
Case No: 2021-0450			Date of visit: 02/11/2021				
Time spent on site:	5hrs	Main Inspect	or:				
Site No: FS0648 Business No: FB0235	Site Name: Business Name:	Ardtaraig Hatchery Cooke Aquaculture (Freshwa	ter) Ltd				
Case Types: 1 ECI 2	2 CNI 3	4 5	6				
Water Temp (°C): 8.2	Thermometer No:	T173	FHI 045 completed				
Observations:	Region: ST	Water type: F	CoGP MA				
Dead/weak/abnormally behaving fish present?  Clinical signs of disease observed?  Gross pathology observed?  Diagnostic samples taken?  N  If yes, see additional information/clinical score sheet.  N  If yes, see additional information/clinical score sheet.  N  N  N							
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:					

### **Additional Case Information:**

All current fish on site from Iceland - Stofinfisker

Recent mortality -

03/10/21 - 10/10/21 = 2948 fish (0.47%)

11/10/21 -18/10/21 = 4165 fish (0.67%)

12/10/21 - 19/10/21 = 3712 fish (0.59%)

20/10/21 - 27/10/21 = 107 fish (0.02%)

Site inspection conducted by and observed by on 03/11/2021.

Fish appeared healthy, with some minor dorsal fin erosion. No mortalities observed on site.

FHI 059, Version 13			Issu	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2021-0450		Site No:	FS0648				
Date of Visit:		02/11/2021	]		Inspector(s):			1
Registration/Author	risation Deta	ails						_
1. Business/site deta	•	checked by s	ite representa	ative?			Y	
2. Changes made to	details?						Υ	]
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities		42	Facilities sto	cked	16	No facilities	s inspected	42
Species	SAL						_ ·	
Age group	2022 S1							
No Fish	319,510							
Mean Fish Wt	34.5g							
Next Fallow Date (S	ite)	None		Next Input Da	ite (Site)	Dec 13th C	va from Aqu	agen
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last v	/isit)?	N
If yes, detail:								
Movement Records  1. Movement records available for inspection?  2. Date of last inspection:  3. Are records complete and correctly entered?  4. Are movement records available for dead fish and waste?  5. Are records complete and correctly entered?  6. Are health certificates for introductions (outwith GB) available?  Transport Records  1. Are any movements carried out by (or on behalf) of the business (not using a STB)?  If yes, is there a system in place for maintenance of transportation records?								Y N/A N/A Y
Mortality Records								
1. Mortality records		•						Y
2. How are mortalitie	es disposed o	f?			Incinerated -	on site		
If other detail:								
3. Mortality records	•	correctly ente						Y
4. Recent mortality (	•	tomical recental	See addition	al into				NI NI
5. Evidence of recer		• •		/ma.a.a				N
If yes, facility nos/no	mortality per	racility/no sto	ock per racility	reason.				
6. Any other peaks i	n mortality du	ring period ch	necked?					N
If yes, detail:	Thortality du	ring period or	icokeu:					
7. Have increased (	inexplained)	mortalities be	en reported to	vet or FHI2				N/A
If yes, detail action:	unexplained) i	TO TURNES DE	on reported to	7.00.011111.				
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	ality events sl	neet.		N/A
•								

_ , ,			
Treatments and Me			
Recent treatment	,		Ť
If yes, detail:	Aquacen,		
If other, detail:	Cress		
· · · · · · · · · · · · · · · · · · ·	s available for inspection?		Y
	blete and correctly entered?		Y
4. Are fish in a withd	•		·
5. If yes, what treatn	•		
J. II yes, what iteath	Aquacen,		
If other, detail:	Cress		
6. Are medicines sto			Y
O. Are medicines sic	лец арргорнатегу:		
Biosecurity Record	is		
	ls available for inspection?		Y
•	•	rding and safe disposal been considered?	Y
		cottish Ministers or veterinary professional of any	
	ned) mortality at the site been included?	* 1	Y
•	•	ence or suspicion of the presence of a listed disease	
	luded and <i>how</i> and <i>when</i> that will be no		Y
		ed on the farm site been covered (equal or higher	Y
health status, certific			
	. ,		
6. Have the husband	dry and biosecurity measures implement	ted between each epidemiological unit to minimise	Y
transmission of dise	ase been covered (movement of staff, vi	isitors, equipment, live or dead fish etc.)?	
7. Is documentation	available regarding the measures in plan	ce to maintain the physical containment of	Y
aquaculture animals	held on site?		
8. Have the biosecu	rity procedures been adequately implem	ented on site?	Y
If no, detail:			
Results of Surveilla	ance		
1. Has any animal h	ealth surveillance been carried out by, or	r on behalf of, the business?	Y
2. If yes, are results	available for inspection?		Y
3. Any significant res	sults?		N
If yes, detail (if not d	etailed under recent disease problems).		
	Pecords checked between:	Movement records 22/01/2019 - 02/11/2021 & Morts	ality records

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2021-0450		Site No:	FS0648		Insp:	
Date of Visit	02/11/2021		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	0	18	26	0
Species .	Number of sup	ncluding third country	0		10	14	5
1 6							
Movements off	Frequency of m		0		6	10 10	3
Exposure via water	Number of desi	Site contacts					
Water contacts with other	Farm is protect	ed (secure water supply through					
farms (holding species	disinfection or l	porehole)	0				
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		1
		or in a coastal zone with category III			7		<u>'</u>
		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 the rules of the directive	No on farm pro	cessing	0				0
and rules of the directive	Processing own	n fish (re-cycling risk)	1	1			
	Processing fish from MS of equivalent status						
	Processing fish		1				
	equivalent statu	4					
	Processing fish	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 point	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	i			0
	Feeding unpas	•	5				
Biosecurity		Number of sites	1	1 2 or 3	≥4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing st	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1	1			
CoGP/Regulator				,			
Practices in accordance	Yes		0	1			0
with regulator or industry code of practice	No		2				
code of practice				J			
Platform access to cages	Yes		0				0
	No		2				
					Total Rank		MEDIUM
					Nank		MEDIOM

FHI 059, Version 13		Issued by: Fh	<del>l</del> l	Date of is	ssue: 12/05/2020
Case No:	2021-0450		Site No:	FS0648	
Sea Lice Inspection (	Seawater Sites Only)				
•	• • • • • • • • • • • • • • • • • • • •	in the previous 4 years?			
2. Is the CoGP Farm N	Management Area (or e	quivalent) fallowed synchronol	usly on a single	year class basis?	
azamethiphos and em		enced in-feed and bath sea lice well as access to suitable biolo I of time?			nd
4. Is there a signed do Management Area (or		ement agreement or statement	relevant to the	site and CoGP Farm	
		pection? (Legal SSI, CoGP Ani			
6. Do records adequat	ely reflect the required	standard specified in the SSI a	nd the CoGP? (I	Legal SSI, CoGP Annex 6)	
7. Are sea lice ( <i>L. saln</i> records are inspected)		ow the suggested criteria for tr	eatment in the C	OGP during the period that	
		monis) numbers per fish been and that records are inspected?	at a level of 3 or	above (prior to w/b 10/6/19)	or
If yes, have these bee	n reported to the Fish H	lealth Inspectorate? If no, FHI	see comment.		
9. Is C. elongatus infe	station at a level which	is considered to cause signific	ant welfare prob	lems? (CoGP 4.3.81, 5.3.50)	
•		stered or other actions taken welongatus is considered to have			
11. Has any other action	on been taken (where a	applicable)?			
•		s taken had a significant impac out in cooperation between pa	•		
		where fewer populations or par			
	cific written lice manage scalation of a sea lice in	ement procedure with waypoints nfestation?	s describing set	actions to deal with recognise	ed
16. Do the sea lice lev	els observed on stocks	reflect sea lice count data? If r	no please detail	reasons.	
Containment Inspect				maduation avalage	N
2. Are measures in pla		ge due to predators in the curre he predation experienced on s	•	•	Y
Indoor tanks, net					
over outdoor					
tanks, screens, outlet filtration					
If other, detail below	:				
·		perienced on or in the vicinity of	the site since the	ne last FHI inspection?	N
	estions 4 – 9. If No skip				
	ported to Scottish Minis		CD 4427.5	4 4 <b>7</b> )	
		orthwith (where they exist)? (Co d local fisheries trusts forthwith			
o. Have these been re	ported to the SSFO and	a local fisheries trusts forthwith	(where they exis	31): (0001 – 4.4.07, 0.4.17)	
7. Were methods (if an	ny) used to recover esc	apees? If yes give detail			
		greed with local wild fish interes	ts and was pern	nission given by Scottish	
Ministers? (Legal, CoC			- 41		
		mise the risk of further escapes	? (Not covered	in code but could	
	r satisfactory measured as satisfactory with re	res of the Act) egards to containment? If no, p	lease detail reas	son(s)	Υ
	•	-			

Case No:	2021-0450			Date of visit:	02/11/2021			
Site No:	FS0648	1		Inanastar				
Sile IVO.	F30046	J		Inspector				
Results Summary	Freq.			Da	ite of Notifica	ation		
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Report Summary			_	1				
Case Type	Date	Insp	2 <sup>nd</sup> Insp	1				
Report Summary Case Type ECI,CNI	11/11/2021	ПОР	2 11130					
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#### SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0235 Date of Visit 02/11/2021

SITE No FS0648 SITE NAME Ardtaraig Hatchery

Case No 20210450 Inspector

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

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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

### Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

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

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 11/11/2021
Fish Health Inspector

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2021-0451			Date of visit: 04/11/2021			
Time spent on site:	Phrs	Main Inspecto	or:			
Site No: FS1281 Business No: FB0169	Site Name: Business Name:	Sgian Dubh The Scottish Salmon Compan	у			
Case Types: 1 ECI	2DIA 3	4 5	6			
Water Temp (°C): 12.7	Thermometer No:	T173	FHI 045 completed			
Observations:	Region: ST	Water type: S	CoGP MA M-45			
Dead/weak/abnormally behaving fish present?  Clinical signs of disease observed?  Gross pathology observed?  Diagnostic samples taken?  Y If yes, see additional information/clinical score sheet.  Y If yes, see additional information/clinical score sheet.  Y If yes, see additional information/clinical score sheet.  Y						
UNI/REG only - if unable to carry	out intended visit deta	nil reason below:				

### **Additional Case Information:**

Inspection conducted by , observed by .

The main population looked healthy, feeding deep in the water column. One dead fish and a small number of lethargic fish observed. One moribund seen in pen 8 and taken out for diagnostic sampling.

The site has been inspected on the 15/07/2021 but the water temperature was found to be above 14 degrees Celsius. So full ECI could not be completed. Case type changed to REG, CNI, SLI. Biosecurity, containment and sea lice records were found to be adequately maintained and therefore they have not been inspected again.

FHI 059, Version 13	3		Issu	ıed by: FHI			Date of issu	ue: 12/05/2020
Case No:	2021-0451		Site No:	FS1281	]			
Date of Visit:		04/11/2021	]		Inspector(s)	:		
Registration/Auth	orisation Det	ails						
1. Business/site de	tails summary	checked by s	site represent	ative?			Υ	7
<ol><li>Changes made t</li></ol>	to details?						N	1
Site Details (inclu	de cleaner fis	sh for all sect	tions)					
Total No facilities		16	Facilities sto	cked	16	No facilitie	es inspected	16
Species	SAL	Wrasse					T	
Age group	21S1	Wild						
No Fish	802,385	36,517						
Mean Fish Wt	2.1kg	Mixed						
Next Fallow Date (\$	Site)	July 2022		Next Input Da	ate (Site)	January 2	.023	
Recent (last 4 wks)	disease prob	lems?		N	Any escape	s (since last	visit)?	N
If yes, detail:								
4. Are movement re 5. Are records com 6. Are health certific  Transport Record 1. Are any movements are a second	plete and corr cates for introd s ents carried ou	ectly entered? ductions (outv	? vith GB) avail half) of the bu	able? usiness (not us				N/A
If yes, is there a sys	sterri iri piace	ioi maintenan	ice or transpo	riation records	) <b>(</b>			
Mortality Records								
Mortality records		•						Y
2. How are mortalit	ies disposed o	ot?			Whole fish -	· Dundas Ch	emicals	
If other detail:								
3. Mortality records	•	correctly ent						ĭ
4. Recent mortality		- <b>t</b> ! 1 <b>t</b> - !	2021					
5. Evidence of rece		• •		./				N
If yes, facility nos/n	o mortality per	racility/no sto	ock per racility	//reason:				
6. Any other peaks	in mortality du	uring period ch	necked?					l N
If yes, detail:		g p3/100 01						
7. Have increased	(unexplained)	mortalities be	en reported t	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality e		ported to FHI	? If no, enter	details on mor	tality events	sheet.		N/A

Treatments and Medicines Records  1. Recent treatments (see comment)?	
If yes, detail: Slice	'
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Ÿ
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
The state of the s	
Biosecurity Records	
1. Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	N/A
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?	N/A
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?	N/A
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	N/A
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	N/A
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	8178
7. Is documentation available regarding the measures in place to maintain the physical containment of	N/A
aquaculture animals held on site?	NI/A
8. Have the biosecurity procedures been adequately implemented on site?	N/A
If no, detail:	
Results of Surveillance	
Has any animal health surveillance been carried out by, or on behalf of, the business?	V
2. If yes, are results available for inspection?	· v
3. Any significant results?	· v
If yes, detail (if not detailed under recent disease problems).  AGD	
in you, actual (in the actualica under recent discuss problems).	
Records checked between: 15/07/2021 - 29/10/2021	

F	HI 059, Version 13							ISS	sued by: F	·HI			
	Case no:	2021-04	151	Site No:		FS1281			Date of v		04/	1/2021	04/
	Priority samples:	VI		ВА		PA		MG		, HI			
	Time sampling starts/ends:	11:3	80:00	12:0	0:00		Inspecto	r:			VMD No	).	0
	Environmental conditions:	1	Dry	2	Sunny	3	Windy	4		5			
	Summary samples	HIST	Y	ВА	Y	MG	Y	VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No	F1	P1										
	Fish nos	1	1										
	Pool Group	P1	P1										
	Species	SAL	SAL										
	Average weight	2.1kg	2.1kg										
	Sex	N/A	N/A										
	Water Type	SW	SW										
Stock Details		ω Landcatch Ormsary	ω Landcatch Ormsary										
O.	acinty 140	0	0										

11/2021 Additional Sample Information:											
2 Total Tests assigned 3											
	1										
<del> </del>											

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

Case no:	2021-0451		Site No:		FS1281		Method of killing: Percussive				
Date of visit:	04/11/2021	1	Inspect	tor(s):				s	heet Re	elevant:	Υ
S for strong present	ce: <b>M</b> for medium presence: <b>W</b> for v	veak nres	ence								
Fish Number	co. III for modulii prosoneo. W for V	1	I								
	r death (if > 45 minutes)	1hr									
External Signs	· uouni (ii · io iiiii uoo)										
Behaviour	Moribund	S									
	Lethargic	S									
	Hanging vertical										
	Spiralling										
	Flashing										
_	Loss of equilibrium		$\Box$								
Body	Dark										
	Distended abdomen	W									
	Anorexic Scale Oedema	VV									
Opercula	Shortened Shortened										
Орегсина	Flared										
Haemorrhaging	Throat										
99	Ventrum										
	Base of fins										
	Elsewhere										
Eyes	Exophthalmic										
	Enophthalmic (sunken)										
	Cataract										
0.11	Haemorrhagic	VA/	$\vdash$								
Gills	Pale	M									
	Zoned Necrotic	IVI									
Lesions	Flank										
Lesions	Elsewhere										
Vent	Inflamed										
	Trailing faeces										
Lice Load	Estimate numbers	0									
Internal Signs											
Ascites	Clear										
0	Bloody										
Oedema Heart	In tissues Pale/anaemic										
near t	Granulomas										
	Deformed										
Liver	Petechial haem										
	Gross haem										
	Tissue breakdown										
	Enlarged										
	Colour number(s)										
	Granulomas										
Dularie sass	Lesions Retachiel beam										
Pyloric caeca	Petechial haem Tubules mauve	M									
	Lack of fat	M									
Spleen	Enlarged	w									
	Granulomas										
Gut	No food present										
	Yellow pseudo-faeces	S									
	External haem										
	Internal haem										
Body wall	Haemorrhaging										
Swim bladder	Haemorrhaging										
Vide av	Fluid filled	w									
Kidney	Swollen	**									
	Grey Granular										
	Liquefied										
General	Parasites present										
	Anaemia										

Case no: 2021-0451

Date of visit: 04/11/2021

Bato of viole.	0 11 11 12 02						
<b>S</b> for strong preser	nce: M for medium presence: W fo	rν					
Fish Number							
	er death (if > 45 minutes)						
External Signs	•						
Behaviour	Moribund						
	Lethargic						
	Hanging vertical						
	Spiralling						
	Flashing						
	Loss of equilibrium						
Body	Dark						
•	Distended abdomen						
	Anorexic						
	Scale Oedema						
Opercula	Shortened						
	Flared						
Haemorrhaging	Throat						
	Ventrum						
	Base of fins						
	Elsewhere						
Eyes	Exophthalmic						
	Enophthalmic (sunken)						
	Cataract						
	Haemorrhagic						
Gills	Pale						
	Zoned						
	Necrotic						
Lesions	Flank						
	Elsewhere						
Vent	Inflamed			_			
	Trailing faeces						
Lice Load	Estimate numbers						
Internal Signs				_			
Ascites	Clear						
	Bloody			_			
Oedema	In tissues						
Heart	Pale/anaemic						
	Granulomas						
	Deformed						
Liver	Petechial haem						
2.701	Gross haem						
	Tissue breakdown						
	Enlarged						
	Colour number(s)						
	Granulomas						
	Lesions						
Pyloric caeca	Petechial haem						
. yioiio cacca	Tubules mauve						
	Lack of fat						
Spleen	Enlarged						
орион	Granulomas						
Gut	No food present						
out	Yellow pseudo-faeces						
	External haem						
	Internal haem						
Body wall	Haemorrhaging						
Swim bladder							
Swilli biaddel	Haemorrhaging Fluid filled						
Vidno:							
Kidney	Swollen						
	Grey						
	Granular						
	Liquefied						
Conorel							
General	Parasites present Anaemia						

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Additional comments:		
Mild vaccination adhesions.		
		l
		l
		l

Case No: 2021-0451 Date of visit: 04/11/2021 Site No: FS1281 Inspector: Results Summary Freq. Date of Notification Database Phone Insp Insp Writing Insp 2<sup>nd</sup> Insp 09/11/2021 AGDQ 1/1 09/11/2021 18/11/2021 **IHNP** 18/11/2021 0/1 09/11/2021 09/11/2021 **IPNM** 18/11/2021 0/1 09/11/2021 09/11/2021 **ISAP** 0/1 09/11/2021 09/11/2021 18/11/2021 **PNST** 1/1 09/11/2021 09/11/2021 18/11/2021 **SPVP** 1/1 09/11/2021 09/11/2021 18/11/2021 18/11/2021 SALP 0/1 09/11/2021 09/11/2021 VHSP 0/1 09/11/2021 09/11/2021 18/11/2021 18/11/2021 CDGH 1/1 11/11/2021 11/11/2021 18/11/2021 AMGD 1/1 11/11/2021 11/11/2021 **GPAT** 1/1 11/11/2021 11/11/2021 18/11/2021 18/11/2021 **VSPE** 1/1 15/11/2021 15/11/2021

Report Summary			
Case Type	Date	Insp	2 <sup>nd</sup> Insp
ECI	12/11/2021		
DIA	18/11/2021		





### SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0169
 Date of Visit
 04/11/2021

 Site No
 FS1281
 Site Name
 Sgian Dubh

 Case No
 20210451
 Inspector

## Section 1: Summary

During a routine site inspection a moribund fish was observed and removed for further examination and subsequent diagnostic sampling.

Histopathology examination revealed non-specific, mild proliferative branchitis. Pathology was also consistent with presence of epitheliocystis (likely *Candidatus* Branchiomonas cysticola) and amoebic gill disease (AGD). This was confirmed as the gill sample tested positive for *Neoparamoeba perurans* (the causative agent of AGD) by qPCR.

Due to gill health issues observed on site, the fish was also screened for *Paranucleospora theridion* (syn, *Desmozoon lepeophtherii*), and salmon gill poxvirus (SGPV). The sample tested positive for both pathogens.

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

### **Section 2: Case Detail**

### Observations

During a routine site inspection a small number of lethargic fish were observed. One moribund fish was removed for further examination and subsequent diagnostic sampling.

The fish was slightly anorexic and the gills appeared pale and zoned. Internally, the spleen and kidney were slightly enlarged. There was lack of fat within the pyloric caeca and the tubules appeared mauve. Finally, there was the presence of yellow pseudo-faeces in the hind gut and vaccination adhesions in the body cavity.

### <u>Samples</u>

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

Fish number	Pool number	Facility number	Species	Stage	Origin
1	1	8	Atlantic Salmon	2021 S1 2.1kg	Ormsary Broodstock Unit (FS0090)

### Results

**Bacteriology:** Kidney and gill material from one fish was inoculated onto appropriate media for the isolation of bacteria.

*Vibrio* sp. was identified on the plate taken from gill material, the level and purity of growth would not suggest this bacterium would be a primary pathogen in this case.

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

Salmon gill poxvirus (SGPV)

Fish Number	Endogenous control Cp value		Cp Values		Reported Result (PCR)
F1	21.66	30.47	30.26	30.47	POSITIVE

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

**Parasitology:** Gill tissue was tested for segments of nucleic acid indicative of the presence of the parasites specified below using real-time PCR (qPCR).

Neoparamoeba perurans (AGD)

Fish Number	Endogenous control Cp value		Cp Values	5	Reported Result (PCR)
F1	21.66	30.78	30.78	30.92	POSITIVE

Paranucleospora theridion

Fish Number	Endogenous control Cp value		Cp Values	S	Reported Result (PCR)
F1	21.66	26.18	26.00	26.11	POSITIVE

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

Histopathological examination revealed the following:

Gill: mild multifocal hyperplasia and lamellar fusion, some lacunae (some filled with cell debris) observed on the hyperplastic plaques, prominent goblet cells and chloride cells displacement. Few amoeboid cells resembling *Neoparamoeba perurans* and basophilic epithelial inclusions (likely epitheliocystis). Several aneurysmal dilations and thrombi observed in the lamellar vessels of all fish.

Skin & Muscle: Within normal range.

Heart: Within normal range.

R09

Gut and pyloric caeca: presence of some fibrous adhesions (potentially associated with vaccine administration).

Pancreas: Within normal range.

Liver: Moderate diffuse hepatic vacuolation.

Kidney: Within normal range.

Spleen: Foci of cellular necrosis.

Signed:

Fish Health Inspector

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

Date: 18/11/2021





#### SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0169
 Date of Visit
 04/11/2021

 Site No
 FS1281
 Site Name
 Sgian Dubh

 Case No
 20210451
 Inspector

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

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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

### Records

The 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.

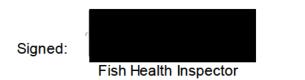
No mortality levels exceeding the reporting criteria have been recorded since the last inspection.

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.

# 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.

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



Date: 12/11/2021