FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018							
Case No: 2020-0326			Date of visit: 21/10/2020							
Time spent on site:	1.5 h	Main Inspect	or:							
Site No: SS0002 Business No: SB0002	Site Name: Business Name:	Loch Fyne Loch Fyne Oysters Ltd								
Case Types: 1 ECI	2 3	4 5	6							
Water Temp (°C): N/A	Thermometer No:		FHI 045 completed							
Observations:	Region: ST	Water type: S	CoGP MA							
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?		N If yes, see additional info	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.							
UNI/REG only - if unable to carry out intended visit detail reason below:										

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

conducted paperwork over the phone on 11/08/2020 prior to physical inspection

Depuration and processing facility for the business is adjacent to the site. This depuration facility processes shellfish for about 10 other shellfish farms as well as Loch Fyne. Some of the sites are outwith the MSS management area, but are all "approved suppliers" of Loch Fyne oysters. Stock is always depurated irrespective of the water category at the site of origin (i.e. shellfish are depurated even if they originate from class A waters)

The site do not sell oysters to other sites for ongrowing. All oysters are grown for the table.

All stock is bought from Morecambe Bay (that Loch Fyne now own).

A small number of native oysters are on the site, also from Morecambe Bay

Market for oysters fell dramatically over "lockdown" but is now picking up again.

BMP & movement records inspected remotely by All other paperwork completed by (unless otherwise stated).

Updated Stock details received 21/10/2020 by Updated BMP received 22/10/2020 by Copy of movement record received 20/10/2020 by .

Trestles with CGI stock inspected on 21/10/2020 by Some live and empty CGI shells observed scattered on the ground around the trestles. Site manager has been reminded that these need to be collected and returned to baskets. The OED stock kept on trestles around the "point" and were inaccessible at this low tide. These trestles are only accessible at low water spring tide (2-3 times a year).

Old physical movement book has been lost when staff have left the company. New movement book to be sent. Movements have been recorded electronically in the meantime.

No temperature recorded due to low tide.

Copies of certificates form Guernsey were available, there is no legal requirement to retain the original certificates from intra UK movements.

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ie: 08/10/2018
Case No:	2020-0326	]	Site No:	SS0002	2			
Date of Visit:		21/10/2020	)		Inspector(s)	):		]
Registration/Author 1. Business/site det 2. Changes made to	ails summary		ite represent	ative?			Y Y	]
Site Details			_					
Total No facilities		260	Facilities sto	ocked	80	No facilitie	s inspected	260
Species	OED	CGI				_		
Age group	<1yr old	~ 1 yr old						
No Fish	9,000	50,000						
Mean Fish Wt	7g	55g						
Next Fallow Date (S	ite)	No plans		Next Input Da	ate (Site)	No plans		
Recent (last 4 wks)	disease prob	olems?		N	Any escape	s (since last	visit)?	N
If yes, detail:								
Movement Record								
		or increation?						Y
<ol> <li>Movement record</li> <li>Date of last inspectively</li> </ol>		or inspection?					03/10/2019	T
3. Are records comp		rectly entered	2				03/10/2019	Y
4. Are movement re		•		>				N/A
5. Are records comp								N/A
6. Are health certific		-		able?				N/A
Transport Records			,					
1. Are any moveme		ut by (or on be	half) of the bu	usiness (not us	ing a STB)?			
If yes, is there a sys				•				
Mortality Records								
1. Mortality records	available for	inspection?						N/A
2. How are mortaliti	es disposed (	of?						
If other detail:								
3. Mortality records	complete an	d correctly ent	ered?					N/A
4. Recent mortality	last 4 wks):							
5. Evidence of recei	nt increased/	atypical morta	lities?					N/A
If yes, facility nos/no	mortality pe	r facility/no sto	ock per facility	/reason:				
6. Any other peaks i	n mortality d	uring period cl	necked?					N/A
If yes, detail:								
7. Have increased (	unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality ev	(onto' boon r	aported to EU	2 If no. odd M	IPT open and	ontor on mor	tality overte	hoot	N/A
o. have mortality ev	rents been re		: II 110, add IV	intrase and e	enter on mon	tailly events s	meet.	IN/A

1. Recent treatments (last 4 wks)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
<ul><li>3. Are records complete and correctly entered?</li><li>4. Are fish in a withdrawal period?</li></ul>	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
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	Y
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
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?	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:

15/11/2019 - 21/10/2020

FHI 059, Version 12	Issued by: FHI			Date	e of issue: 08/1
Case Number:	2020-0326 Site No:	SS000	2		
Date of Visit	21/10/2020 Inspector:				
Number of Susceptil	ble species on site			-	
-	ies present = <u>LOW</u> risk				
f 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 e	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal			10	
	excursion	0	2	10	0
Live shellfish mover	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	Ō	5	10	10
	Frequency of movements on from equivalent zone or				
	compartment including third country	0	10	20	
	Number of suppliers	0	5	10	5
Movements off					
wovements on	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	o
	Frequency of movements off outwith MSS Management	Ŭ		2	
	· · ·	0	3	6	0
	Areas Number of destinations	0	3 3	6 6	0
Management practices	Areas	_	3 Secure (effluent		
-	Areas	0	3 Secure (effluent	6 Unsecure (no effluent	
water contacts with	Areas Number of destinations Depuration of stock from own sites within MSS	0 None	3 Secure (effluent treatment)	6 Unsecure (no effluent treatment)	0
water contacts with	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 None 0	3 Secure (effluent treatment) 1	6 Unsecure (no effluent treatment) 2	0
water contacts with	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management	None	3 Secure (effluent treatment) 1 2	6 Unsecure (no effluent treatment) 2 6	0 0 0
practices Water contacts with depuration facilities Biosecurity	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites Sites operating from single shorebase	0 None 0 0	3 Secure (effluent treatment) 1 2 4	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0
practices Water contacts with depuration facilities Biosecurity	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites	0 None 0 0 0	3 Secure (effluent treatment) 1 2 4 2 or 3	6 Unsecure (no effluent treatment) 2 6 8 8	0 0 0 8
practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites Sites operating from single shorebase	0 None 0 0 0	3 Secure (effluent treatment) 1 2 4 2 or 3	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 8
practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites Sites operating from single shorebase	0 None 0 0 0 1 0	3 Secure (effluent treatment) 1 1 2 4 2 or 3 1 1 1	6 Unsecure (no effluent treatment) 2 6 6 8 ≥ 4 2 5	0 0 0 8
practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites Sites operating from single shorebase Sites sharing staff and equipment	0 None 0 0 0 1 0	3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 8
practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites Sites operating from single shorebase Sites sharing staff and equipment	0 None 0 0 0 1 0	3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 8

Case No:	2020-0326		Date of visit: 21/10/2020							
Site No:	SS0002	]		Inspector:		]				
Results Summary	Freq.			Dat	te of Notificat	tion				
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp		
Report Summary	-			•						
	Date	Incn	ond to an							
Case Type ECI	26/10/2020	Insp	2 <sup>nd</sup> Insp							
EOI	20/10/2020									

# marine scotland science



Loch Fyne Oysters Ltd Clachan Ardkinglas Cairndow, Argyll PA26 8BL

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS No
 SB0002
 Date of Visit
 21/10/2020

 Site No
 SS0002
 Site Name
 Loch Fyne

 INSPEctor
 Case No
 20200326

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

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

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

### Records

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

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

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

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

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

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

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

Signed:

Fish Health Inspector

Date: 26/10/2020

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

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2020-0327			Date of visit: 21/10/2020
Time spent on site:	3.5 Hrs	Main Inspec	ctor:
Site No: fs0683 Business No: FB0169	Site Name: Business Name:	Gob a Bharra Loch Fyne The Scottish Salmon Compa	any
Case Types: 1 ECI	2 CNI 3 SLI	4 5	6
Water Temp (°C): 11	Thermometer No:	Site	FHI 045 completed Y
Observations:	Region: ST	Water type: S	CoGP MA M-42
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional inf	formation/clinical score sheet. formation/clinical score sheet. formation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:	

### Additional Case Information:

Lumpfish mortality - 7.46% since input.

Paper work completed on the 28/08/2020, however site visit could not be conducted until 21/10/2020.

Vmd fish appeared healthy when sampled.

Site thermometer used as case inspectors not working

FHI 059, Version 12			lssu	ed by: FHI			Date of issue	e: 08/10/2018		
Case No:	2020-0327	]	Site No:	fs0683	}					
Date of Visit:		21/10/2020			Inspector(s):			]		
Registration/Authorisation Details         1. Business/site details summary checked by site representative?         2. Changes made to details?										
Site Details										
Total No facilities		10	Facilities sto	cked	9	No facilities	s inspected	10		
Species	SAL	LUM								
Age group	2018 S0	2019								
No Fish	250,000	27,000								
Mean Fish Wt	3.547 Kg	45g								
Next Fallow Date (S	ite)	Apr 2021		Next Input Da	ate (Site)	Sept 2021				
Recent (last 4 wks)	disease prob	lems?		Ν	Any escapes	s (since last )	/isit)?	N		
If yes, detail:					, any coccupies					
Movement Records	s									
1. Movement record		or inspection?						Y		
2. Date of last inspe							27/03/2018	· · ·		
3. Are records comp		rectly entered?	?					Y		
4. Are movement re		•		,				Y		
5. Are records comp	lete and corr	ectly entered?	?					Y		
6. Are health certific		-		able?				N/A		
Transport Records	;									
1. Are any movement	nts carried ou	ut by (or on be	half) of the bu	isiness (not us	ing a STB)?			N		
If yes, is there a syst	tem in place	for maintenan	ce of transpor	rtation records	?					
Mortality Records										
1. Mortality records	available for	inspection?						Y		
2. How are mortalitie	es disposed o	of?			Whole fish -	Dundas Che	emicals			
If other detail:										
3. Mortality records		d correctly ent						Y		
4. Recent mortality (	· · · · · · · · · · · · · · · · · · ·			0.11 28/09 - 10	028 - 0.32% 0	5/10 345 0.1	1 12/10 745 (			
5. Evidence of recer		••						N		
If yes, facility nos/no	mortality pe	r facility/no sto	ock per facility	/reason:						
6 Any other needs i	n naortality du	uring pariod of	a alka d2							
6. Any other peaks i				0.61% - hydro	liger treatmon	+ \////26 1 //1	0/ 25/2 por	t troatmont		
If yes, detail:	WR 35 and	WK 30 1020 (	(0.32%) 1935	0.01% - Hydro	icer treatmen	1.41	70 3043 - pos	stiteatment		
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	eported to FHI	? If no, add M	IRT case and e	enter on morta	ality events s	heet.	Y		

1. Recent treatments (last 4 wk	s)?	Y
If yes, detail:	TMS	
If other, detail:		
2. Medicines records available	•	Y
3. Are records complete and co	•	Ý
4. Are fish in a withdrawal perio		Ŷ
5. If yes, what treatment(s)?	TMS	
If other, detail:		
6. Are medicines stored approp	inately?	ſ
Biosecurity Records		
1. Biosecurity records available	for inspection?	Y
2. Has the manner and frequer	cy of mortality removal, recording and safe disposal been considered?	Y
•	n which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) morta	lity at the site been included?	Y
	ken in the event that the presence or suspicion of the presence of a listed disease <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	ř
5. Has the health status of aqua	aculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if req	uired)?	
•	security measures implemented between each epidemiological unit to minimise overed (movement of staff, visitors, equipment, live or dead fish etc.)?	Y
7. Is documentation available re	egarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on sit	e?	
	ures been adequately implemented on site?	Y
If no, detail:		
Results of Surveillance		
1. Has any animal health surve	illance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for		Y
3. Any significant results?		N
If yes, detail (if not detailed und	er recent disease problems).	

Records checked between:

27/03/2018 - 21/10/2020

Fł	H 059, Version 12							lss	ued by:	FHI			
	Case no:	2020-03	327	Site No:		fs0683			Date of		21/	10/2020	21/*
	Priority samples:	VI		BA		PA		MG	Samplin	g: HI		I	
	Time sampling starts/ends:	14:0	0:00	15:0	0:00	I	Inspecto	or:			VMD No	р.	18
	Environmental conditions:	1	Dry	2		3		4		5			
l	Summary samples	HIST		BA		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	F1	F2	F3									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	3.6 Kg		3.6 Kg									
	Sex	N/A		N/A									
	Water Type	SW	SW	SW									
Stock Details	Stock Origin Facility No	Migdale	2 Migdale	പ Migdale									
S		1	2	5									

10/2020 Additional Sample Information:													
0	0 Total Tests assigned 0												
				-									

		Issued by. I Th			Dale		. 00/10/2010
Case Number:	2020-0327		Site No:	fs0683		Insp:	
Date of Visit	21/10/2020		No of m	ovements/s	supp./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 ncluding third country	0	9	18	26	
	Number of sup		0		10		<u> </u>
Movements off	Frequency of n	novements off	0	3	6	10	10
	Number of des		0		6		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	e 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		
		e 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	ocessing	0				0
	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 V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0				
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	Inpasteurised feed	0				0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		-
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2
	Sites sharing s	taff and equipment	0	1	2		2
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0	1			0
a lation access to cayes	No		2				
					Total		23
					Rank		MEDIUM

FHI 059, Version 12		Issued by	: FHI	Date of is	sue: 08/10/2018
Case No:	2020-0327		Site No:	fs0683	
Sea Lice Inspection (S 1. Has the site experien	••	s in the previous 4 years?			N
2. Is the CoGP Farm Ma	anagement Area (or e	quivalent) fallowed synchro	onously on a single y	/ear class basis?	Y
azamethiphos and ema can these be deployed i	mectin benzoate)as in a reasonable period umented farm manag		biological and/or med	chanical control measures, an	d Y
	• •	pection? (Legal SSI, CoGP	Annex 6)		Y
		standard specified in the S		egal SSI, CoGP Annex 6)	Y
7. Are sea lice (L. salmo records are inspected?		low the suggested criteria fo	or treatment in the C	oGP during the period that	Y
-	•	<i>monis</i> ) numbers per fish be od that records are inspecte		above (prior to w/b 10/6/19) o	r N
If yes, have these been	reported to the Fish H	lealth Inspectorate? If no, F	FHI see comment.		N/A
9. Is C. elongatus infes	tation at a level which	is considered to cause sign	nificant welfare probl	ems? (CoGP 4.3.81, 5.3.50)	Ν
		stered or other actions take elongatus is considered to h		<i>levels</i> have exceeded the tions? (CoGP 4.3.82, 5.3.51)	N/A
11. Has any other action	n been taken (where a	applicable)?			Y
12. Have therapeutic tre	eatments or the action	is taken had a significant im	pact upon the lice le	evels recorded?	Y
		l out in cooperation betweer where fewer populations or			Y Y
15. Is there a site specific scenarios during the estimation of the second scenarios during the scenarios d			oints describing set a	actions to deal with recognise	d Y
16. Do the sea lice leve	ls observed on stocks	reflect sea lice count data?	? If no please detail r	reasons.	Y
	ced equipment dama	ge due to predators in the c			N
· · ·	nsioned nets	the predation experienced of Seal Blind		v)	1
ADD Te If other, detail below:	insioned hets	Sear blind			
in other, detail below.					
3. Have escape incider	nts or events been exp	perienced on or in the vicinit	ty of the site since th	e last FHI inspection?	Ν
If Yes proceed with que		•			
4. Have these been rep	orted to Scottish Minis	sters?			
5. Have these been rep	orted to local DSFB fo	orthwith (where they exist)?	(CoGP - 4.4.37, 5.4	4.17)	
6. Have these been rep	orted to the SSPO an	d local fisheries trusts forth	with (where they exis	st)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if any	<ol> <li>used to recover esc</li> </ol>	apees? If yes give detail			
		greed with local wild fish int	erests and was perm	nission given by Scottish	
Ministers? (Legal, CoGR		imico the risk of further con-	anos? (Not sourced)	in codo but could	
be considered under		imise the risk of further esca	apes? (Not covered l		
	•	egards to containment? If n	o, please detail reas	son(s)	Y
	,				

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2020-0327 Site N	No: fs0683	
Date of Visit: 21/10/2020	Inspector:	
Point of Compliance		
1. Is the farm under inspection located within a lf N, no further questions require completion.	a farm management area?	Y
Points of Compliance for Both Farm Manag	gement Agreements and Statements	
2. Has a current farm management agreemer	nt or statement (FMAg/S) been prepared	1? Y
3. Is the current FMAg/S available for inspecti	ion?	Y
4. Does the FMAg/S identify the relevant farm	-	Y
<ol> <li>Does the FMAg/S identify the fish farm site</li> <li>Does the FMAg/S identify the date of common site</li> </ol>		ent?
7. Does the FMAg/S identify the date of review		Y
Arrangements for Fish Health Managemen	t	
8. Does the FMAg/S identify the minimum heat farm?	alth standards for the stocks to be introd	luced to the area or Y
9. Does the FMAg/S identify the vaccination re	equirements for stocks held in the area	or farm?
10. Does the FMAg/S identify the species of fi	-	
11. Does the FMAg/S identify the maximum s individual farm?	tocking density of any pen on any farm i	in the area or the Y
12. Does the FMAg/S identify the arrangement fish farm in the area or the individual farm?	nts for the storage and disposal of any d	ead fish from any
Arrangements for The Management of Sea	Lice	
13. Does the FMAg/S identify arrangements for	or the sharing of data on sea lice numbe	ers and treatments?
14. Does the FMAg/S identify the availability a of statement?	and the use of medicines on farms cover	red by the agreement Y
15. Does the FMAg/S identify any requiremen lice on farms in the area or individual farms?	ts for the sensitivity testing of available t	treatments for sea
16. Does the FMAg/S identify the circumstance		cleaner fish are to be Y
used on farms in the area or individual farms? 17. Does the FMAg/S identify the arrangement		within the area?
Live Fish Movements		
18. Does the FMAg/S identify the circumstance area or farm?	es when live fish may be introduced or	
19. Does the FMAg/S identify the arrangemen or individual farms?	nts for the movement of live fish on and	off sites in the area Y

Harvesting	
20. Does the FMAg/S identify acceptable harvest practices on farms in the area or individual farms?	Y
Fallowing	
21. Does the FMAg/S identify the dates by which the area or individual farm will be fallow and the earliest date when a farm or area may be restocked?	Y
22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covered by the agreement or statement?	Y
23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?	Y
Point of Compliance for Farm Management Agreements Only	
24. Does the farm management agreement include arrangements for persons to become, or cease to be, parties to the agreement?	N/A
Management and operation	
25. Is the fish farm being managed and operated in accordance with the agreement or statement?	Y
26. What is the version no/date of issue of the FMAg/S? 26/02/2018	

Case No:	2020-0327	Date of visit: 21/10/2020								
Site No:	fs0683	]	Inspector:							
Results Summary	Freq.			Dat	te of Notifica	tion				
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp		
	-									
	-									
Report Summary	1		1	1						
Case Type	Date	Insp	2 <sup>nd</sup> Insp	1						
Case Type ECI, CNI, SLI, VMD	03/11/2020	mop								
,,,,				1						
				1						
		ļ								

# marine scotland science



The Scottish Salmon Company 1 Smithy Lane Lochgilphead Argyll PA31 8TA

### FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0169 SITE NO FS0683 INSPECTOR DATE OF VISIT21/10/2020SITE NAMEGob a Bharra Loch FyneCASE NO20200327

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

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

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

### Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

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

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

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

Signed:

Date: 03/11/2020

Fish Health Inspector

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

FHI 059, Version 13	Issu	ed by: FHI		Date of issue: 12/05/2020
Case No: 2020-0348				Date of visit: 19/10/2020
Time spent on site:	hr	3	Main Inspector	:
Site No: FS0476 Business No: FB0095	Site Name: Business Name:	Quoys Hatchery Cooke Aquacult		d
Case Types: 1 ECI 2	2 CNI 3 VMD	4	5	6
Water Temp (°C): 7	Thermometer No:	Site		FHI 045 completed
Observations:	Region: SH	Water type:	: F	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see a	additional inforn	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail rea	son below:		

Site became fallow wk 41, 2020. Underwent a deep clean before new stock being moved on site from Cliff Site Wk 42, 2020. Site only had a mortality of 1937 (0.46%) fish/whole site out of the 425,478 fish brought on site for the previous cycle brought on site 27/05/2020.

No planned imports of ova from other member states.

Fish looked in good health. No moribund or lethargic fish sighted. Fish sampled for VMD showed no signs of disease. Water temperature taken from site thermometer for biosecurity reasons.

Paperwork completed remotely on the 12th October by

FHI 059, Version 13	Issued by: FHI		Date of issue: 12/05/2020
Case No:	2020-0348	Site No:	FS0476
Date of Visit:	19/10/	/2020	
<b>Registration/Authorisation Details</b> 1. Business/site details summary checked by site 2. Changes made to details?	e representative?		
Site Details /include cleaner fish for all section	ane)		

Site Details (include cleaner fish for all sections)

Total No facilities	
Species	
Age group	
No Fish	
Mean Fish Wt	
Next Fallow Date (S	ite)
Recent (last 4 wks)	disease problems?
If yes, detail:	

	26	Facilities sto	cked
SAL			
2021 S1			
20,000			
80g			
	Spring 2021,	ova still on	Next Input Da
			N/A

see additional comments

**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?

### Mortality Records

- 1. Mortality records available for inspection?
- 2. How are mortalities disposed of?
- If other detail:
- 3. Mortality records complete and correctly entered?
- 4. Recent mortality (last 4 wks):
- 5. Evidence of recent increased/atypical mortalities?
- If yes, facility nos/no mortality per facility/no stock per facility/reason:

6. Any other peaks in mortality during period checked?

If yes, detail:

7. Have increased (unexplained) mortalities been reported to vet or FHI?

If yes, detail action:

8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Treatments and Medicines Records 1. Recent treatments (see comment)? If yes, detail: If other, detail: 2. Medicines records available for inspect 3. Are records complete and correctly ent 4. Are fish in a withdrawal period? 5. If yes, what treatment(s)? If other, detail: 6. Are medicines stored appropriately?		
3. Has the manner and period in which the been included?	ality removal, recording and safe disposal be e APB will notify Scottish Ministers or veterin event that the presence or suspicion of the p	nary professional of any increased
5. Has the health status of aquaculture an	imals being stocked on the farm site been o	overed (equal or higher health st
6. Have the husbandry and biosecurity me (movement of staff, visitors, equipment, liv	easures implemented between each epidem ve or dead fish etc.)?	iological unit to minimise transmi
<ul><li>7. Is documentation available regarding th</li><li>8. Have the biosecurity procedures been a</li><li>If no, detail:</li></ul>	ne measures in place to maintain the physica adequately implemented on site?	al containment of aquaculture ani
Results of Surveillance 1. Has any animal health surveillance bee 2. If yes, are results available for inspection 3. Any significant results? If yes, detail (if not detailed under recent of		ss?
	Records checked betw	/een: 15/10/2019 - 1

Inspector(s):		
	Y Y	3
1	No facilities inspected	26
te (Site) Any escapes	Nov. 2020 (since last visit)?	N
	15/10/201	
		Y Y Y N/A
		N
		Y
Whole fish - T	WMA (Shetland)	
		Y
		N
		N
		N/A
		N/A

	N
	Y Y N
	Y
d ( <i>unexplained</i> ) mortality at the site tected been included and <i>how</i> and atus, certification if required)? ssion of disease been covered	Y Y Y Y
mals held on site?	
	Y Y N
12/10/2020	

FHI 059, Version 13					Issued by	/: FHI	
Case no:	2020-034	48 Site N	o: FS	)476	Date of	of visit/ 1	9/10/2020
					Sampl	ling:	
Priority samples:	VI	B	۹	PA	MG	HI	
<b></b>	<b>10.00</b>						
Time sampling	10:30	0:00 11	:00:00	Inspecto	or:	VMD	No. 5
starts/ends:	. 4						-
Environmental conditions	· '	ndoors	² <b></b>	3	4	٦ 	
Summary samples	HIST	B		MG	VI	PA	Total Samples
Cuminary samples					V1		rotar Gampies
Add Fish/Pools - click							
Pool/Fish No							
Fish nos	1-15						
Pool Group							
Species	SAL						
Average weight	0.0800						
Sex	N/A						
Water Type	FW						
	2						
	60						
	Cliff Site (FS1095)						
<u>is</u>	Ľ.						
eta	site						
<u>ă</u>	E C						
Stock Origin	Cli						
of Facility No	1A						

Additional Sample Information:												
0		Total Te	ests ass	igned	0							
				<b>-</b>								

Issued by: FHI

THE 059, VEISION 15		issued by. I Th			Duic	01 100000.	12/03/2020
Case Number:	2020-0348		Site No:	FS0476		Insp:	
Date of Visit	19/10/2020		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or including third country	0	9	18	26	0
	Number of sup		0	5	10	14	0
Movements off	Frequency of n	ovements off	0	3	6	10	10
	Number of des		0		6	10	6
Exposure via water		Site contacts	0	1-5	6-10		-
Water contacts with other	Farm is protect disinfection or	ed (secure water supply through	0				0
farms (holding species susceptible to same diseases)	Farm is on-line	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		
	Farm is on-line	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		0
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				
	equivalent stat		4				
	-	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by- products		••	0				
products	Common proce	esses with other farms	3				
	Collection point	t for waste from other farms	5				5
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0				0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites		from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0	1			0
	No		2				
					<b>Total</b> Rank		23 MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of	issue: 12/05/2020
Case No: 2020-0348	Site	No: FS0476	
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems in the pre- 2. Is the CoGP Farm Management Area (or equivalent)	•	ngle year class basis?	
3. Does the site have access to a range of licenced in-fe azamethiphos and emamectin benzoate) as well as acc		· •	and
4. Is there a signed documented farm management agree Management Area (or equivalent)?	eement or statement relevant to	o the site and CoGP Farm	
<ul><li>5. Are sea lice count records available for inspection? (L</li><li>6. Do records adequately reflect the required standard s</li></ul>		GP? (Legal SSI, CoGP Annex 6)	
7. Are sea lice ( <i>L. salmonis</i> ) record levels below the sugrecords are inspected? (CoGP Annex 6)	ggested criteria for treatment in	the CoGP during the period that	
8. Have average adult female sea lice ( <i>L. salmonis</i> ) num If yes, have these been reported to the Fish Health Insp	•		or
9. Is <i>C. elongatus</i> infestation at a level which is conside 10. Have therapeutic treatments been administered or o suggested criteria for treatment or where <i>C. elongatus</i> is	red to cause significant welfare ther actions taken when <i>L. sali</i>	problems? (CoGP 4.3.81, 5.3.50 monis levels have exceeded the	
11. Has any other action been taken (where applicable)?			
12. Have therapeutic treatments or the actions taken ha	• • •		
13. Are treatments, where conducted, carried out in coo			
14. Is there a harvesting strategy for the site, where few			
15. Is there a site specific written lice management proc	••		sea
16. Do the sea lice levels observed on stocks reflect sea	a lice count data? If no please c	ietali reasons.	
Containment Inspection			
1. Has the site experienced equipment damage due to p		• •	N
2. Are measures in place to mitigate against the predation	on experienced on site? (Detail	below)	Y
Rent O' Kill, Bird Nets for tanks outside			
If other, detail below:			
<ol> <li>Have escape incidents or events been experienced or</li> </ol>	on or in the vicinity of the site si	nce the last FHI inspection?	N
If Yes proceed with questions 4 – 9. If No skip to question	on 10		
4. Have these been reported to Scottish Ministers?			
5. Have these been reported to local DSFB forthwith (wh	nere they exist)? (CoGP - 4.4.3	37, 5.4.17)	
6. Have these been reported to the SSPO and local fishe	eries trusts forthwith (where the	ey exist)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if any) used to recover escapees? If y	ves give detail		
9. If all note were deployed was this satisfy a rest of with	local wild fich interacts and we	normination river by Crattist	
8. If gill nets were deployed was this action agreed with Ministers? (Legal, CoGP – 4.4.38, 5.4.18)			
9. What action was taken to prevent and minimise the ris		ered in code but could	
be considered under satisfactory measures of the			
10. Is the site inspected as satisfactory with regards to c	containment? If no, please deta	il reason(s)	Υ

Site No: FS0476

Case No: 2020-0348

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2020-0348			Date of visit:	19/10/2020			
Site No:	FS0476	1		Inspector:				
Results Summary	Freq.	_	-		te of Notifica		1.	•
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
	ļ							
	-					-		
Report Summary								

Report Summary			
Case Type	Date	Insp	2 <sup>nd</sup> Insp
ECI, CNI, VMD	28/10/20	20	
		_	
	_	_	
		_	
	_	_	
		_	

# marine scotland science



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

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0095 SITE NO FS0476 INSPECTOR DATE OF VISIT 19/10/2020 SITE NAME Quoys Hatchery CASE NO 20200348

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

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

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

### Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

R04

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

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

On this occasion the site was found to be satisfactory.

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

Signed:

Date: 28/10/2020

Fish Health Inspector

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

FHI 059, Version 13	lssu	ied by: FHI	Date of issue: 12/05/2020
Case No: 2020-0349			Date of visit: 20/10/2020
Time spent on site: 2	2 hrs	Main Inspecte	or:
Site No:FS0477Business No:FB0095	Site Name: Business Name:	Bow of Hascosay Cooke Aquaculture Scotland I	_td
Case Types: 1 VMD	2 3	4 5	6
Water Temp (°C): 11	Thermometer No:	T146	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA: S-3
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional info	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail rea	ason below:	

### FHI 059, Version 13 Additional Case Information:

Site inspected to collect VMD samples. Only 2 lethargic fish spotted across site. All other fish behaving normally, responding to presence and coming up for food with no clinical signs of disease noted. Fish appeared in good condition. Fish sampled for vmd looked in good condition internally as well as externally.

Site also in the process of harvesting and should be fallow early to mid November.

FHI 059, Version 13		Iss	ued by: FHI			Date of issu	e: 12/05/2020
Case No:	2020-0349	Site No:	FS0477	7			
Date of Visit:		20/10/2020		Inspector(s):			I
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary	ails checked by site represent	ative?			Y N	]
Site Details (includ	e cleaner fis	sh for all sections)					
Total No facilities		14 Facilities ste	ocked	8	No facilitie	s inspected	14
Species	SAL						
Age group No Fish	2019 S1						
Mean Fish Wt	140,930						
Next Fallow Date (S	6.38kg	Nov. 2020	Next Input Da	ata (Site)	Jan. 2021		
Recent (last 4 wks)	,			Any escapes		visit)?	N
If yes, detail:				, any occupie		vion,	
<ol> <li>5. Are records comp</li> <li>6. Are health certification</li> <li>Transport Records</li> <li>1. Are any movement</li> <li>If yes, is there a system</li> </ol>	lete and corr cords availab lete and corr ates for introd	ble for dead fish and waste	lable? Jusiness (not us			21/05/2019	Y Y Y N/A
Mortality Records 1. Mortality records a	available for i	inspection?					Y
2. How are mortalitie				Whole fish -	TWMA (She	etland)	
If other detail:				Villoite lieli		Juanay	
3. Mortality records of	complete and	correctly entered?					Y
4. Recent mortality (	last 4 wks):	Wk 38 - 18	18 (0.76%), Wk	39 - 807 (0.30	6%), Wk 40	- 1003 (0.499	%), Wk 41 -
5. Evidence of recen	nt increased/a	atypical mortalities?					N
If yes, facility nos/no	mortality per	r facility/no stock per facility	y/reason:				
	n mortality du	uring period checked?					N
If yes, detail:		we talities have reported					N/A
If yes, detail action:	inexplained)	mortalities been reported t					
	ents' been re	eported to FHI? If no, enter	details on mor	tality events sh	neet.		N/A

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?	
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: 21/05/2019 - 12/10/2020	

Fł	H 059, Version 13							Issu	ied by: F	ΞHI			
	Case no:	2020-03	349	Site No:		FS0477			Date of v		20/	10/2020	
	Priority samples:	VI		ВА		PA		Samplir MG		ipling: HI		_	
	Time sampling starts/ends:	12:3	12:30:00 13:00:00		0:00	Inspector:			VMD N			р.	16
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		BA		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2						_				
	Pool Group												
	Species	SAL	SAL										
	Average weight	6.4000											
	Sex	N/A	N/A						_				
	Water Type	SW	SW										
Stock Details		Ness of Copister (FS1043)	Ness of Copister (FS1043)										
S	Facility No	4	12										

Additional Sample Information:														
0		Total Te	ests ass	igned	0									
				-		•								

Site No: FS0477

Case No: 2020-0349

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2020-0349			Date of visit:	20/10/2020			
Site No:	FS0477	l		Inspector:		l		
Results Summary	Freq.				te of Notificat	ion		
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
Report Summary								
Case Type VMD	Date	Insp	2 <sup>nd</sup> Insp					
VMD	28/10/2020							

Report Summary			
Case Type	Date	Insp	2 <sup>nd</sup> Insp
VMD	28/10/2020		

# marine scotland science



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

### FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0095 SITE NO FS0477 INSPECTOR DATE OF VISIT20/10/2020SITE NAMEBow of HascosayCASE NO20200349

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

The above site was visited in accordance with the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 2015. Samples were taken to be analysed for veterinary residues.

The Inspector did not observe any clinical signs associated with the listed diseases as described in the Aquatic Animal Health (Scotland) Regulations 2009.

### Records

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

Medicine records were inspected and found to be adequately maintained.

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

Mortality records were inspected and found to be adequately maintained.

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

Signed:

Date: 28/10/2020

Fish Health Inspector

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

FHI 059, Version 12		Issued by: FHI		Date of is	ssue: 08/10/2018
Case No: 2020-0355				Date of visit: 2	2/10/2020
Time spent on site: 3	.5 hours		Main Inspector	r:	
Site No: FS0818 Business No: FB0169	Site Name: Business Name:	Ardcastle Bay The Scottish Sa	lmon Company	,	
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD	5	6	
Water Temp (°C): 11.2	Thermometer No:	Site		FHI 045 complet	ted Y
Observations:	Region: ST	Water type:	S	CoGP MA	M-42
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see a	additional inform	nation/clinical sco nation/clinical sco nation/clinical sco	re sheet.
UNI/REG only - if unable to carry	out intended visit detai	l reason below:			

### **Additional Case Information:**

Cleaner fish from Ocean Matters. About 6,000 LUM lost since input. 723 lost on the week of transfer. Mortality increased from background mortality to 892 per week in the last month. Wk 34: 892, wk 33: 809, wk 32: 654, wk 31: 404. FVG and company biologist have been on site and taken samples but everything has come back as inconclusive so far. Thought to be bacterial. Cleaner fish supervisor will visit the site the day after the remote inspection. Mortality of cleaner fish has reduced in the last week.

Hydrolicer on site 24/08/2020 treated 3 cages. Hydrolicer recommencing treatments on day of the remote inspection after being stormed off the day before. 85-90% lice removal on Monday.

Four SLICE treatments in the cycle so far. 14/10/2019 - 23/10/2019 (prophylactic), 16/12/19 - 22/12/19, 02/03/20 - 08/03/20, 18/05/20 - 24/05/20. Successful treatments and synchronised with other site in the loch.

Bird nets, tensioned nets, seal blinds, ADD's, contract with Rentokil for shorebase.

Patogen took gill swabs to check for the presence of AGD on 30/07/2020. 12 fish sampled, 6 fish came back as positive. Reportedly no clinical signs associated with AGD on site.

Hydrolicer treatment taking place while on site, increased mortality for the duration of these treatments.

VMD fish appeared healthy when sampled

Paperwork completed by **and**, site inspection completed by **and** on 22/10/2020

Site thermometer used as case inspectors not working.

FHI 059, Version 12			lss	ued by: FHI			Date of issu	ue: 08/10/2018
Case No:	2020-0355		Site No:	FS081	8			
Date of Visit:		22/10/2020	0		Inspector(s)	:		]
Registration/Author 1. Business/site det 2. Changes made to	ails summar		site represen	tative?			Y N	3
Site Details								
Total No facilities		10	Facilities st	ocked	10	No facilitie	s inspected	10
Species	SAL	LUM						
Age group	19 S0	2020						
No Fish	442,556	32,786						
Mean Fish Wt	2.8	26g						
Next Fallow Date (S	ite)	May 2021		Next Input D	Date (Site)	Sept 2021		
Recent (last 4 wks)	disease pro	blems?			Y Any escape	s (since last v	visit)?	N
If yes, detail:		irmed by PCR	no clinical sig			,	,	
Movement Record	s							
1. Movement record		for inspection?	,					Y
2. Date of last inspe		or mopeodorn.					23/05/2018	· · ·
3. Are records comp		rrectly entered	?					Y
4. Are movement re		•		?				Y
5. Are records comp								Y
6. Are health certific		-		lable?				N/A
Transport Records	;		·					
1. Are any moveme	nts carried o	out by (or on be	ehalf) of the b	ousiness (not u	sing a STB)?			N
If yes, is there a sys	tem in place	for maintenar	nce of transp	ortation record	s?			
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortalitie If other detail:	es disposed	of?			Whole fish -	Dundas Che	emicals	
3. Mortality records	complete an	d correctly en	tered?					Y
	oompioto ui			4 0.42% 11/10	) - 2207 0.5% (	04/10 - 473 0	.11 % 27/09	- 619 0.14 %
4. Recent mortality	(last 4 wks):							
5. Evidence of recei	nt increased	/atypical morta	alities?					N
If yes, facility nos/no	o mortality pe	er facility/no st	ock per facilit	y/reason:				
0. 0	1.19		1 10					
6. Any other peaks i				Facting taken a		aama baak a		ive The
				Festing taken p n or a planktor				
If yes, detail:		ving the event				ight. Last sto		ionality the
7. Have increased (								Y
If yes, detail action:			TSSC biolog					
8. Have 'mortality ev	ents' been i	eported to FH	I? If no, add	MRT case and	enter on mort	ality events s	heet.	Y

1. Recent treatments (last 4 wks)?	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	Y
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Ŷ
health status, certification if required)?	
6. Have the hughendry and hissesswith measures implemented between each enidemiological unit to minimize	V
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	Y
6/12 fish positive for AGD via PCR. No	o clinical
If yes, detail (if not detailed under recent disease problems). signs	
Records checked between: 23/05/2018 - 22/10/2020	

FI	HI 059, Version 12							lss	ued by:	FHI			
	Case no:	2020-03	355	Site No:		FS0818			Date of		22/	10/2020	22/*
	Priority samples:	VI		BA		PA		MG	Samplin	g: HI		I	
	Time sampling starts/ends:		00:00		0:00		Inspecto	or:			VMD No	р. <b>Г</b>	17
	Environmental conditions:	1	Indoors	2		3		4		5			
l	Summary samples	HIST		BA		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	F1	F2	F3									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight			3.6 Kg									
	Sex	N/A		N/A									
	Water Type	SW	SW	SW									
Stock Details	Stock Origin Facility No	ormsary smolt unit	د Ormsary smolt unit	A Ormsary smolt unit									
0)		2	9	-									

10/2020	Additio	nai Sam	pie intor	mation:							
0		Total T	octo aco	ignod	0	1					
0	I	Total I	CS15 d55	igned	0	l					
	-										

FHI 059, Version 12		Issued by: FHI			Date	JI ISSUE	: 08/10/2018
Case Number:	2020-0355		Site No:	FS0818		Insp:	
Date of Visit	22/10/2020		No of m	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species		novements on from equivalent zone or ncluding third country	0	9	18	26	
	Number of sup		0	5	10	14	0
Movements off	Frequency of m	novements off	0	3	6	10	10
	Number of des		0	3	6	10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or l	ed (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		
	Farm is on-line	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		1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	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 V farm	10				
Disposal of fish and fish by- products	Site's own was	te only processed.	0				
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	]			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites		from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
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		21
					Rank		MEDIUM

FHI 059, Version 12		Issued by: FHI		Date of iss	sue: 08/10/2018
Case No:	2020-0355		Site No:	FS0818	
<ol> <li>Is the CoGP Farm M</li> <li>Does the site have a azamethiphos and ema can these be deployed</li> <li>Is there a signed door Management Area (or emails)</li> </ol>	nced sea lice problems in the previou anagement Area (or equivalent) fallo ccess to a range of licenced in-feed a amectin benzoate) as well as access in a reasonable period of time? cumented farm management agreeme	owed synchronously o and bath sea lice med to suitable biological ent or statement relev	ications (ind and/or mec ant to the s	rear class basis? cluding deltamethrin, hanical control measures, and	N Y Y Y
6. Do records adequate	ely reflect the required standard speci	ified in the SSI and the	e CoGP? (L	egal SSI, CoGP Annex 6)	Y
records are inspected?	onis ) record levels below the sugges (CoGP Annex 6) female sea lice ( <i>L. salmonis</i> ) number				Y N
2 or above (from w/b 10	0/6/19) during the period that records	are inspected?		(p)	
•	reported to the Fish Health Inspecto			ma2/(CaCD 4.2.81 + 5.2.50)	N/A
10. Have therapeutic tr	station at a level which is considered t eatments been administered or other reatment or where <i>C. elongatus</i> is co	actions taken when L	salmonis	levels have exceeded the	N N/A
-	n been taken (where applicable)?				N/A
	eatments or the actions taken had a s				Y
	ere conducted, carried out in coopera g strategy for the site, where fewer po		-		Y Y
	ific written lice management procedu scalation of a sea lice infestation?	re with waypoints des	cribing set a	actions to deal with recognised	A K
16. Do the sea lice leve	els observed on stocks reflect sea lice	e count data? If no ple	ase detail r	easons.	Y
2. Are measures in place	on nced equipment damage due to preda ce to mitigate against the predation e DD Topnets		Detail below		N Y
If other, detail below:					
If Yes proceed with que 4. Have these been rep 5. Have these been rep	nts or events been experienced on or estions 4 – 9. If No skip to question 10 ported to Scottish Ministers? ported to local DSFB forthwith (where ported to the SSPO and local fisheries	0 they exist)? (CoGP –	4.4.37, 5.4	I.17)	N
7. Were methods (if an	y) used to recover escapees? If yes g	give detail			
Ministers? (Legal, CoG 9. What action was take be considered under	byed was this action agreed with loca P – 4.4.38, 5.4.18) en to prevent and minimise the risk o r satisfactory measures of the Act d as satisfactory with regards to conta	f further escapes? (No	ot covered i	n code but could	Y

FHI 059, Version 12 Issued by: FHI	Date of issue: 08/10/2018
Case No: 2020-0355 Site No: FS0818	
Date of Visit: 22/10/2020 Inspector:	
Point of Compliance	
<ol> <li>Is the farm under inspection located within a farm management area?</li> <li>If N, no further questions require completion.</li> </ol>	Y
Points of Compliance for Both Farm Management Agreements and Statements	
	N/
<ul><li>2. Has a current farm management agreement or statement (FMAg/S) been prepared?</li><li>3. Is the current FMAg/S available for inspection?</li></ul>	Y Y
4. Does the FMAg/S identify the relevant farm management area?	Y
<ul><li>5. Does the FMAg/S identify the fish farm site(s) to which it applies?</li><li>6. Does the FMAg/S identify the date of commencement of the agreement or statement?</li></ul>	Y
7. Does the FMAg/S identify the date of review?	Y
Arrangements for Fish Health Management	
8. Does the FMAg/S identify the minimum health standards for the stocks to be introduced to the farm?	he area or Y
9. Does the FMAg/S identify the vaccination requirements for stocks held in the area or farm?	Y
<ol> <li>Does the FMAg/S identify the species of fish which may be stocked into the area or farm?</li> <li>Does the FMAg/S identify the maximum stocking density of any pen on any farm in the area</li> </ol>	Y V
individual farm?	
12. Does the FMAg/S identify the arrangements for the storage and disposal of any dead fish f fish farm in the area or the individual farm?	rom any Y
Arrangements for The Management of Sea Lice	
13. Does the FMAg/S identify arrangements for the sharing of data on sea lice numbers and tro	eatments? Y
14. Does the FMAg/S identify the availability and the use of medicines on farms covered by the of statement?	
15. Does the FMAg/S identify any requirements for the sensitivity testing of available treatment lice on farms in the area or individual farms?	is for sea Y
16. Does the FMAg/S identify the circumstances under which biological controls and cleaner fis used on farms in the area or individual farms?	
17. Does the FMAg/S identify the arrangements for synchronous treatments on farms within th	e area? Y
Live Fish Movements	
18. Does the FMAg/S identify the circumstances when live fish may be introduced or removed area or farm?	from the Y
19. Does the FMAg/S identify the arrangements for the movement of live fish on and off sites in or individual farms?	n the area Y

Harvesting	
20. Does the FMAg/S identify acceptable harvest practices on farms in the area or individual farms?	Y
Fallowing	
21. Does the FMAg/S identify the dates by which the area or individual farm will be fallow and the earliest date when a farm or area may be restocked?	Y
22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covered by the agreement or statement?	Y
23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?	Y
Point of Compliance for Farm Management Agreements Only	
24. Does the farm management agreement include arrangements for persons to become, or cease to be, parties to the agreement?	Y
Management and operation	
25. Is the fish farm being managed and operated in accordance with the agreement or statement?	Y
26. What is the version no/date of issue of the FMAg/S? 16/09/2019	

Case No:	2020-0355	Date of visit: 22/10/2020						
Site No:	FS0818	I	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					
Case Type ECI, SLI, CNI, VMD	03/11/2020		2 1139					

# marine scotland science



The Scottish Salmon Company 1 Smithy Lane Lochgilphead Argyll PA31 8TA

### FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOFB0169SITE NOFS0818INSPECTORImage: Constraint of the second second

DATE OF VISIT22/10/2020SITE NAMEArdcastle BayCASE NO20200355

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

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

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

### Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

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

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

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



Date: 03/11/2020

Fish Health Inspector

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

FHI 059, Version 13	lss	ued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0418			Date of visit: 01/10/2020
Time spent on site: 2	hours	Main Ins	pector:
Site No:SS0759Business No:SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Farr	ns Ltd
Case Types: 1 MOV	23	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 observe Gross pathology observed? Diagnostic samples taken? UNI/REG only - if unable to carry	ad?	N/A If yes, see additional N/A If yes, see additional N/A	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.

#### Additional Case Information:

Inspection of 18 bags (21.6 tonnes) of mussels for export to republic of Ireland. Mussels clean and good size with very few fouling organisms. Relevant paperwork and certificate completed and issued.

cert ref number - Intra.GB.2020.0021718

local ref number MD20/067

FHI 059, Version 13			Issu	ed by: FHI			Date of issue	: 12/05/2020
Case No:	2020-0418	]	Site No:	SS0759				
Date of Visit:		01/10/2020	]		Inspector(s):			
Registration/Autho								
<ol> <li>Business/site deta</li> <li>Changes made to</li> </ol>		checked by s	ite representa	itive?			N N	
2. Onangoo mado to	dotano.							
Site Details (includ	e cleaner fis	h for all sect	ions)			_		
Total No facilities		15	Facilities sto	cked	12	No facilitie	s inspected	
Species	MED	MED						
Age group	2019 spat	2020 spat						
	385.2	10 tonnes						
No Fish	tonnes							
Mean Fish Wt	30g	5g						
Next Fallow Date (Si	U	n/a		Next Input Da	te (Site)	Lines for 2	021 spat colle	ction
Recent (last 4 wks) of	,	lems?			Any escapes			N
If yes, detail:					,	(1 11 11 11 11 11		
<b>,</b> ,								
<b>Movement Records</b>	5							
1. Movement record	s available fo	r inspection?					ſ	Y
2. Date of last inspec	ction:						30.09.2020	
3. Are records comp		ectly entered?	>				-	Y
4. Are movement red		•					ľ	N/A
5. Are records comp								N/A
6. Are health certification		•		able?			ł	N/A
Transport Records								
1. Are any movemen		it by (or on be	half) of the bu	siness (not usi	ng a STB)?		r	
If yes, is there a syst		• •	,	•	- /			
							-	
Mortality Records								
1. Mortality records a	available for i	nspection?					ſ	N/A
2. How are mortalitie		•			Other (detail)			
If other detail:		s drop to sea	bod		other (detail)			
3. Mortality records of								N/A
4. Recent mortality (	•	Conectly ent		ad				1.077
5. Evidence of recen		turnical morta	none observ	eu				N
		••		/***			L	IN
If yes, facility nos/no	monality per	Tacility/no sto	ock per facility/	reason:				
6 Any other peaks is	o mortality du	ring pariod of	a alka d2					N/A
6. Any other peaks in	n monality du	ining period cr	iecked?					IN/A
If yes, detail:	(novplained)	mortalities he	on reported to	vot or EUI2				N/A
7. Have increased (u	mexplained)							TN/A
If yes, detail action:	anta' haan ra	Ported to EU	2 If no onter	dotoilo on mart	ality avanta ak	oot		N/A
8. Have 'mortality ev	ents been re		enter (		anty events sh	eel.		TN/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	
1. 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	N
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	IN
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: 30/09/2020-01/10/2020	

Case No:	2020-0418	]		Date of visit:	01/10/2020	D		
Site No:	SS0759	]		Inspector:				
Results Summary	Freq.				ate of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
			-		-		_	
			-		-		-	
			-		-		_	
	<del> </del>							
	1							

Report Summary			
Case Type	Date	Insp	2 <sup>nd</sup> Insp
MOV	12/10/202	20	
	_		
	_	_	
		_	

# marine scotland science



Loch Striven Mussel Farms Ltd The Point Ardtaraig Estate Loch Striven Argyll PA23 8RG

### FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS No
 SB0530
 DATE OF VISIT
 01/10/2020

 SITE No
 SS0759
 SITE NAME
 Fearna

 INSPECTOR
 Case No
 20200418

### Inspection for placing on the market in the EU

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

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



Fish Health Inspector

Signed:

Date: 12/10/2020

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

FHI 059, Version 13	ls	ssued by: FHI	Date of issue: 12/05/2020			
Case No: 2020-0423			Date of visit: 18/10/2020			
Time spent on site: 2	nrs	Main Inspec	tor:			
Site No: SS0346 Business No: SB0366	Site Name: Business Name:	Rubha Mor The Caledonian Oyster Com	pany			
Case Types: 1 ECI 2	2 STS 3	4 5	6			
Water Temp (°C): 13.2	Thermometer No:	T152	FHI 045 completed			
Observations:	Region: ST	Water type: S				
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	<ul> <li>Y If yes, see additional information/clinical score sheet.</li> <li>N If yes, see additional information/clinical score sheet.</li> <li>N If yes, see additional information/clinical score sheet.</li> <li>N</li> </ul>				
UNI/REG only - if unable to carry	out intended visit detail	reason below:				

#### Issued by: FHI

### Additional Case Information:

140 O.edulis were collected from across the site for statutory Bonamia testing. Site didn't have 150 oysters so 140 were taken, leaving no natives on the site. No empty shells observed.

Due to the sheer size of the site, random trestles were inspected. Little fouling observed on the majority of the bags. CGI stock appeared in good condition with good shell growth observed. On average, 1 or 2 empty shells observed in most bags.

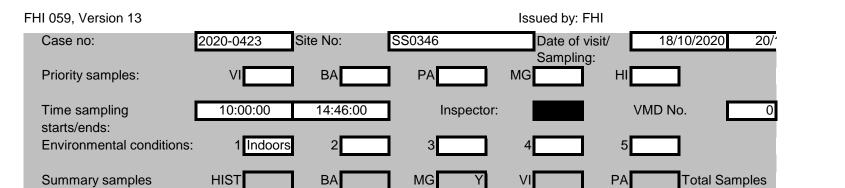
Site received an import of C.gigas in November 2019 from Guernsey Sea Farms, for which, the health certificate was not available for inspection. However, this is not required to be retained under Trades legislation as Guernsey lies within the UK.

Upon arrival at the laboratory, only 125 of the 140 oysters collected were suitable for sampling.

FHI 059, Version 13			lssu	ied by: FHI			Date of issu	ie: 12/05/2020
Case No:	2020-0423	]	Site No:	SS0346	3			
Date of Visit:		18/10/2020	]		Inspector(s):			
Registration/Autho								
1. Business/site deta		checked by si	ite representa	ative?			Y	-
2. Changes made to	details?						N	
Site Details (includ	e cleaner fis	h for all secti	ions)					
Total No facilities		4000	Facilities sto	cked	~3000	No facilitie	es inspected	4000
Species	CGI	OED						
Age group	Mixed	Mixed						
No Fish Mean Fish Wt	Unknown	Unknown						
	Mixed	Mixed		Next Input Dr		Linguro		
Next Fallow Date (Si Recent (last 4 wks)	,	N/A lems?		Next Input Da	Any escapes	Unsure (since last	visit)?	N
If yes, detail:	lisease prob	lems		·	Any escapes	Since last	VISIC) ?	14
								Y N/A N/A N/A
1. Mortality records a	available for i	nspection?						N/A
2. How are mortalitie	· · · · · · · · · · · · · · · · · · ·				Other (detail	/		
				med land nearb	by the depurat	ion facility.		NI/A
3. Mortality records of	•						a PC	N/A
4. Recent mortality (	· · ·			s not taken plac	e since last in	ispection, so	o no mortalitie	es have been N/A
5. Evidence of recently lifyes, facility nos/no		••		droason:				10/73
	montainty per	Tacility/110 Stor	ck per racinty	neason.				
6. Any other peaks in	n mortality du	rina period ch	ecked?					N/A
If yes, detail:								
7. Have increased (u	unexplained)	mortalities bee	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 mor	tality events sl	neet.		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?	
<ul> <li>Biosecurity Records</li> <li>1. Biosecurity records available for inspection?</li> <li>2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?</li> <li>3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> mortality at the site been included?</li> <li>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?</li> <li>5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?</li> </ul>	Y Y Y
<ul> <li>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.)?</li> <li>7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?</li> <li>8. Have the biosecurity procedures been adequately implemented on site?</li> <li>If no, detail:</li> </ul>	Ү Ү Ү
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).	N
Records checked between: 02/09/2019 - 18/10/2020	

HI 059, Version 13	Issued by: FHI			Date	of issue: 12
Case Number:	2020-0423 Site No:	SS034	6		
Date of Visit	18/10/2020 Inspector:				
Number of Susceptil	ble species on site			_	
-	ies present = <u>LOW</u> risk				
	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 e	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal				
	excursion	0	2	10	
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS		5	10	5
	Frequency of movements on from equivalent vis	,		10	⊢–́–⊣
	compartment including third country	0	10	20	
	Number of suppliers	0	5	10	5
					لينع
Movements off	Frequency of movements off within MSS Management				
	Areas	0	1	2	
	Frequency of movements off <u>outwith</u> MSS Management		_		
	Areas	0	3	6	0
		0	3 3	6 6	0
	Areas		3 Secure	6 Unsecure	0
Management practices	Areas		3 Secure (effluent	6	0
	Areas Number of destinations	0	3 Secure (effluent	6 Unsecure (no effluent	0
practices	Areas Number of destinations Depuration of stock from own sites within MSS	0 None	3 Secure (effluent treatment)	6 Unsecure (no effluent treatment)	
Water contacts with	Areas Number of destinations Depuration of stock from own sites within MSS management area	0	3 Secure (effluent	6 Unsecure (no effluent	0
Water contacts with	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 None 0	3 Secure (effluent treatment) 1	6 Unsecure (no effluent treatment) 2	
Water contacts with	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area	0 None 0	3 Secure (effluent treatment)	6 Unsecure (no effluent treatment)	
Water contacts with	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 None 0	3 Secure (effluent treatment) 1	6 Unsecure (no effluent treatment) 2	
practices Water contacts with depuration facilities	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management	0 None 0 0	3 Secure (effluent treatment) 1 2 4	6 Unsecure (no effluent treatment) 2 6 8	2
practices Water contacts with depuration facilities Biosecurity	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites	0 None 0	3 Secure (effluent treatment) 1 2	6 Unsecure (no effluent treatment) 2 6	2
practices Water contacts with depuration facilities	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites Sites operating from single shorebase	0 None 0 0 0	3 Secure (effluent treatment) 1 2 4 2 or 3	6 Unsecure (no effluent treatment) 2 6 8 8	2
Practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites	0 None 0 0 0 1	3 Secure (effluent treatment) 1 2 4 2 or 3 1 1	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	2 0
Practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites Sites operating from single shorebase	0 None 0 0 0 1	3 Secure (effluent treatment) 1 2 4 4 2 or 3 1	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	2 0
Practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites Sites operating from single shorebase	0 None 0 0 0 1 0 0	3 Secure (effluent treatment) 1 2 4 2 or 3 1 1	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	2 0
Practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites Sites operating from single shorebase Sites sharing staff and equipment	0 None 0 0 0 1 0 0	3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	2 0 0
Practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites Sites operating from single shorebase Sites sharing staff and equipment	0 None 0 0 0 1 0 0	3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	2 0 0



### Add Fish/Pools - click

<b>—</b>			50	50	<b>F</b> 4	<b>-</b> -	150		50	50	<b>E</b> 40		540
_		F1	F2	F3	F4		F6	F7		F9	F10		F12
	Fish nos	1	2	3	4	5	6	7	8	9	10	11	12
	Pool Group												
	Species	OED											
	Average weight												
	Sex												
	Water Type	SW											
Stock Details		Morcambe Bay											

			ple Info mpled fo		ogy - Sa	mples to	o be logo	ged follo	wing PC	CR test.	MG stor	age san	nples is	for Mart	eilia
125		Total T	ests ass	signed	3	I									
	F14 14	F15 15	F16 16	F17 17	F18 18	F19 19	F20 20	F21 21	F22 22	F23 23	F24 24	F25 25	F26 26	F27 27	F28 28
DED	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED	OED
SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Morcambe Bay	Morcambe Bay	Morcambe Bay	Morcambe Bay	Morcambe Bay	Morcambe Bay	Morcambe Bay	Morcambe Bay	Morcambe Bay	Morcambe Bay	Morcambe Bay	Morcambe Bay	Morcambe Bay	Morcambe Bay	Morcambe Bay	

Case No:	2020-0423	]		Date of visit:	18/10/2020	]		
Site No:	SS0346	]		Inspector:		I		
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
MG_BON	0/125	09/11/2020		09/11/2020		01/12/2020		
			-					
Report Summary	r		1	1				
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
ECI	23/10/2020							
STS	09/11/2020							
	ļ							





Note - attachments file must be saved to ARC folder as PDF with correct name format e.g. 2012-0123attach or 2012-0123-attach2 etc.

MARINE SCOTLAND - SCIENCE RECORD SHEET Condition of Shellfish Samples		HI 001 Issue No Issued By Date of this Iss	ue:	Page 1 of 2 8.00 20/04/2020
Case number: 20-20-04-23	Site num	ber:	SS	0346
Shellfish species: $\mathcal{O} \in \mathcal{D}$	Number shellfish:			<del>- 1</del> 25
Date of receipt: 2/ / 10 / 20	Time of	receipt:	10.	ooan
Date of sampling: 21 / 10 / で	Time sa	mpling ended:	141	46pm
Davidsons batch Number:				
Condition of samples on receipt:				
Icepacks frozen at time of sampling?	oo on re	celpt.		dead 1171 =15 total
F57 - gaping shell F58 - slight discolouration- trubular snew F59 - discolouration-mility G/M. F60 - Cut through dig during shackli F61 - 51/ght discolouration. F63 - Limey Tube Worm F67 - Pale in colour F69 - LTW F72 - Wormy Hubules F73 - Lestons on Giulmahtle. F75 - pale in colour.	F F 19 F	=76 - pade 79- Olisca our 86 - Pade ar 10- Slighty P 119- Lesions 20 - Losions 0	nd mi ole	lky

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	HI 001	Page 2 of 2
MARINE SCOTLAND - SCIENCE	Issue No	8.00
RECORD SHEET		0.00
Condition of the liticity Commune	Issued By	
Condition of Shellfish Samples	Date of this Issue:	20/04/2020

Case number:

2020-0423

Test to assign	Fish numbers
HI-SHELLFISH (this test logs Histology & Molgen storage confirmatory samples)	
BA-BAS-Other	
BA-TSA & NaCl-Other	
MG-OSHV	
Other (detail LIMS test name e.g. MG-BON if samples are to be primary screened)	MG-Bon, MG-storage, MG-DNAPREP, MG-EN-DNA

Signed Analyst:

Date: 21/10/2020

RE(	COTLAND - SCIENCE		HI 001 Issue No Issued By		Page 1 of 2 8.00
Condition	of Shellfish Samples		Date of this Is	sue:	20/04/2020
Case number:		Site num	ber:		
Shellfish species:	OED	Number     shellfish:	of live		
Date of receipt:	21,10,20	Time of r	eceipt:		
Date of sampling:	21,10,20	Time san	npling ended:		
Davidsons batch Number:	20492				
Condition of samples	on receipt:				
Icepacks frozen at tin	ne of sampling? 🔲				
F32 - dame F33 - dame F36 - Tran	igedr	haws			
·					

	HI 001	Page 2 of 2
MARINE SCOTLAND - SCIENCE	Issue No	8.00
RECORD SHEET	13306 140	8.00
	Issued By	
Condition of Shellfish Samples	Dete of this losses	00104/0000
	Date of this Issue:	20/04/2020

Case number:	
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Test to assign	Fish numbers
HI-SHELLFISH (this test logs Histology & Molgen storage confirmatory samples)	
BA-BAS-Other	
BA-TSA & NaCl-Other	
MG-OSHV	
Other (detail LIMS test name e.g. MG-BON if samples are to be primary screened)	

Signed Analyst:

Date:

1-30 108-1185 31-50 +97-107

1-50 97-11\$5

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## marine scotland science



The Caledonian Oyster Company 54 Lorn Road Dunbeg by Oban PA37 1QQ

### FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0366 SITE NO SS0346 INSPECTOR 
 DATE OF VISIT
 18/10/2020

 SITE NAME
 Rubha Mor

 CASE NO
 20200423

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

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

All epidemiological units were inspected. The Inspector did not observe any clinical signs associated with the listed diseases as described in the Aquatic Animal Health (Scotland) Regulations 2009.

Statutory samples were collected to be screened for the presence of *Bonamia ostreae*. A separate report will be issued detailing the results of this test.

#### 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.

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

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

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

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



Signed:

Date: 23/10/2020

Fish Health Inspector

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

## marine scotland science



The Caledonian Oyster Company 54 Lorn Road Dunbeg by Oban PA37 1QQ

### FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0366 SITE NO SS0346 INSPECTOR 
 DATE OF VISIT
 18/10/2020

 SITE NAME
 Rubha Mor

 CASE NO
 20200423

#### Statutory test

Rubha Mor was inspected and a statutory sample was obtained. One hundred and twenty-five native oysters (*Ostrea edulis*) were tested for the presence of *Bonamia ostreae* as part of the epidemiological investigation following confirmation of the parasite at another site within the area. The site is located within a protection zone and movement restrictions remain in place.

Due to the extensive scale of the site and limited time available during low tide, a random selection of epidemiological units were inspected. No clinical signs associated with *Bonamia* ostreae were observed.

#### Samples

A total of 125 native oysters (Ostrea edulis) were collected and tested for the presence of Bonamia ostreae.

#### Results

**Molecular genetics:** Tissue samples were tested for segments of DNA indicative of the presence of the *Bonamia* spp. using real-time PCR (QPCR). All samples returned negative for *Bonamia ostreae*.

**Histology:** Tissue samples of gill, mantle and digestive gland were taken from F1 - 125. The tissue samples were fixed in Davidson's fixative.

Histopathological examination revealed all oysters appeared to be within the normal range with no evidence of Bonamiosis.

#### <u>Appraisal</u>

The site remains within the protection zone and covered by the restrictions put in place by confirmed designation notice CDN2020002. You must continue to apply for permission to move live or dead aquatic animals as listed on the notice, onto or off the site. Please submit applications to move restricted species two weeks prior to the proposed movement.

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



Signed:

Date: 01/12/2020

**Fish Health Inspector** 

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











F36

	COTLAND - SCIENCE		HI 001 Issue No Issued By		Page 1 of 2 8.00
Condition of Shellfish Samples		Date of this iss	ue:	20/04/2020	
Case number:	20-0-0423	Site num	ber:		
Shellfish species:	ØED	Number shellfish:	of live	1-2	4 125
Date of receipt:	21 110 120	Time of r	eceipt:	10.	00am
Date of sampling:	21/10/20	Time sar	npling ended:	141	46pm
Davidsons batch Number:	20492				
Condition of samples	s on receipt:				. 1
Icepacks frozen at til 128 a	me of sampling? □N UVE, IL 2eud	io ion rec	celpt.		dead 11N1 =15 total
F57 - gaping F58 - slight disc hubular si F59 - discolowa F60 - Cut through F61 - Slight dis F63 - Limey T F67 - Pale In F69 - Discolowration F69 - LTW F70 - LTW F71 - Wormy Hubule F73 - Lestons F75 - Pale In M	colouration neu 141011 millig G/M. 1 dig during shacking colouration Colour 10 10 10 10 10 10 10 10 10 10 10 10 10	P Fi Fa Fi	79 - Oiscaoun 79 - Oiscaoun 86 - Pade an 10 - Shightay Po 19 - Lesions 20 - Loslans en	d ni ne Gin/m	lky antie
			obser envised by envident shu	5h	

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	HI 001	Page 2 of 2
MARINE SCOTLAND - SCIENCE	Issue No	8.00
RECORD SHEET		0.00
	Issued By	
Condition of Shellfish Samples	Date of this issue:	20/04/2020

Case number:

2020-0423

Test to assign	Fish numbers
HI-SHELLFISH (this test logs Histology & Molgen storage confirmatory samples)	
BA-BAS-Other	
BA-TSA & NaCl-Other	
MG-OSHV	
Other (detail LIMS test name e.g. MG-BON if samples are to be primary screened)	

Signed Analyst:



Date: 21/10/2020

FHI 059, Version 13	lss	sued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0424			Date of visit: 19/10/2020
Time spent on site: 3h	nrs	Main Inspecte	or:
Site No: FS0695 Business No: FB0125	Site Name: Business Name:	Shuna Scottish Sea Farms Ltd	
Case Types: 1 ECI 2	2 CNI 3 SLI	4VMD 5	6
Water Temp (°C): 13.2	Thermometer No:	T152	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA: M-36
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?		N If yes, see additional info	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail re	eason below:	

#### FHI 059, Version 13 Additional Case Information:

Wk33, 1% mortality (2,258), attributed to hydrolicer post treatment losses. Not reported as it doesn't exceed the reporting threshold of 1%. Mortalities dropped below the reporting threshold the following week.

Live harvests taken to South Shian processing plant.

Fish were sitting very deep in the water so were difficult to observe. Only 2 moribunds observed across the whole site.

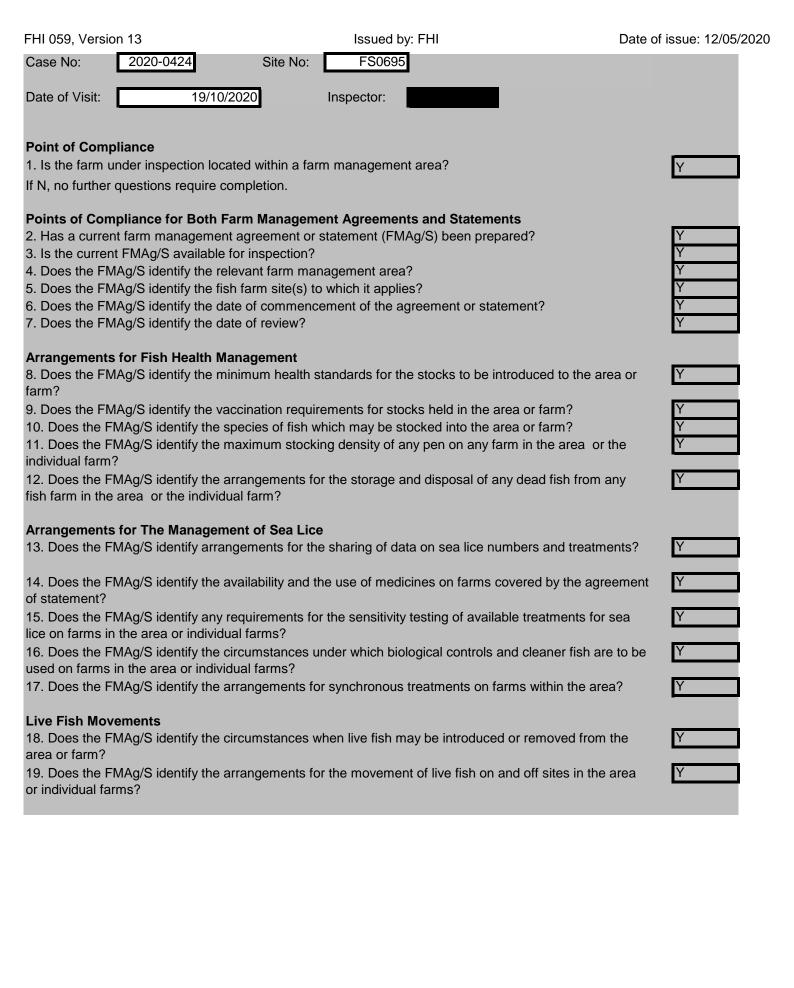
The fish sampled for VMD appeared healthy.

FHI 059, Version 13			Issu	ied by: FHI			Date of issu	e: 12/05/2020
Case No:	2020-0424	]	Site No:	FS0695				
Date of Visit:		19/10/2020			Inspector(s):			l i
Registration/Autho								
<ol> <li>Business/site deta</li> <li>Changes made to</li> </ol>	•	checked by s	ite representa	ative?			Y V	
2. Changes made to	uetans :							
Site Details (includ	le cleaner fis	sh for all sect	ions)					
Total No facilities		10	Facilities sto	ocked	10	No facilitie	s inspected	10
Species	SAL	WRS	LUM					
Age group	2020 S1	Wildcaught	Mar-20					
No Fish	219, 227	9, 922	23, 153					
Mean Fish Wt	2.4kg	Mixed	250g					
Next Fallow Date (S	ite)	September 2	2021	Next Input Da	ite (Site)	October 20	021	
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
Movement Decord	_							
Movement Records		r increation?						V
1. Movement record		or inspection?					26/04/2018	1
<ol> <li>Date of last inspe</li> <li>Are records comp</li> </ol>		actly optarod?	<b>,</b>				20/04/2018	Y
4. Are movement re		•		>				N/A
5. Are records comp								N/A
6. Are health certific		•		able?				N/A
<b>Transport Records</b>	;							
1. Are any movemen	nts carried ou	ut by (or on be	half) of the bu	usiness (not usi	ing a STB)?			N
If yes, is there a syst	tem in place	for maintenan	ce of transpo	rtation records?	?			
Mortality Records								
1. Mortality records		•						Ŷ
2. How are mortalitie If other detail:	es aisposea a	DT?			Incinerated -	on site		
			are dO					V
<ol> <li>Mortality records</li> <li>Recent mortality (</li> </ol>	•	a correctly enti			040 (0 440()	14/1-201 242		1
5. Evidence of recer	. ,	atunical mortal		(0.15%), Wk40	, 240 (0.11%),	VVK39, 342	(U.10%), VVK	.36, 242 N
If yes, facility nos/no		•••		v/reason:				
	montality pe			/1645011.				
6. Any other peaks i	n mortality di	uring period ch	necked?					Y
	-			ination of post t	reatment loss	es poor aill	health and lo	w dissolved
If yes, detail:	oxygen.	, <u>_</u> , <u>_</u> , <u>,</u> <u>,</u> <u>,</u> <u>,</u> <u>,</u> <u>,</u> <u>,</u> <u>,</u> <u>,</u> <u></u>				oo, poor gii		
7. Have increased (		mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:	,							
8. Have 'mortality ev	vents' been re	eported to FHI	? If no, enter	details on mort	ality events sh	neet.		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?	Ý
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	
<i>increased (unexplained)</i> 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 disea	ase
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)?	
	X
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	e 1
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	· ·
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	N
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 14/10/2019 - 14/10/2020	

FHI 059, VEISIOIT 15		ISSUED by. FRI				J 13306	. 12/05/2020
Case Number:	2020-0424		Site No:	FS0695		Insp:	
Date of Visit	19/10/2020		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	10
with GB) of susceptible species		novements on from equivalent zone or including third country	0	9	18	26	
	Number of sup		0	5	10	14	5
Movements off	Frequency of n	novements off	0	3	6	10	6
	Number of des		0	3	6	10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or		0				
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		4
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent 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 state	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0				C
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0				C
·	Feeding unpas	teurised feed	5				
Biosecurity	•	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0				C
	No		2				
					<b>Total</b>		
					Rank		HIGH

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0424	Site No	): FS0695
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems	s in the previous 4 years?	N
2. Is the CoGP Farm Management Area (or e		e vear class basis?
3. Does the site have access to a range of lic azamethiphos and emamectin benzoate) as	enced in-feed and bath sea lice medications	(including deltamethrin, Y
4. Is there a signed documented farm manag Management Area (or equivalent)?	ement agreement or statement relevant to th	e site and CoGP Farm Y
5. Are sea lice count records available for ins	pection? (Legal SSI, CoGP Annex 6)	Y
6. Do records adequately reflect the required	standard specified in the SSI and the CoGP?	? (Legal SSI, CoGP Annex 6) Y
7. Are sea lice ( <i>L. salmonis</i> ) record levels be records are inspected? (CoGP Annex 6)	low the suggested criteria for treatment in the	CoGP during the period that
8. Have average adult female sea lice (L. sal	monis) numbers per fish been at a level of 3	
If yes, have these been reported to the Fish H	-	
9. Is C. elongatus infestation at a level which		
10. Have therapeutic treatments been admini suggested criteria for treatment or where <i>C</i> .		
11. Has any other action been taken (where a	,	Y
12. Have therapeutic treatments or the action		
13. Are treatments, where conducted, carried		
14. Is there a harvesting strategy for the site,		
15. Is there a site specific written lice manage		
16. Do the sea lice levels observed on stocks		ail reasons. N/A
Fish were sitting deep in the water so difficult	to observe.	
Containment Inspection		
1. Has the site experienced equipment damage		
2. Are measures in place to mitigate against t		low) Y
Top nets, Tension nets, Nylon nets, ADD	available but not in use.	
If other, detail below:		
3. Have escape incidents or events been exp	perienced on or in the vicinity of the site since	the last FHI inspection? N
If Yes proceed with questions $4 - 9$ . If No skip		
4. Have these been reported to Scottish Minis	-	
5. Have these been reported to local DSFB for		5.4.17)
6. Have these been reported to the SSPO and	d local fisheries trusts forthwith (where they e	exist)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover esc	apees? If yes give detail	
8. If gill nets were deployed was this action ag Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	greed with local wild fish interests and was pe	ermission given by Scottish
9. What action was taken to prevent and mini	mise the risk of further escapes? (Not covere	ed in code but could
be considered under satisfactory measured		
10. Is the site inspected as satisfactory with re-	egards to containment? If no, please detail re	eason(s) Y



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 individu	al farms? Y
Fallowing		
21. Does the FMAg/S identify the dates b date when a farm or area may be restock	y which the area or individual farm will be fallow a ed?	Ind the earliest Y
22. Does the FMAg/S identify whether on agreement or statement?	e or more year classes may be stocked onto sites	s covered by the Y
-	podstock or potential broodstock are to be kept or	n any site Y
Point of Compliance for Farm Manage	ment Agreements Only	
24. Does the farm management agreement parties to the agreement?	ent include arrangements for persons to become,	or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and o 26. What is the version no/date of issue of	perated in accordance with the agreement or stat of the FMAg/S? 28-Nov-19	rement? Y

FHI 059,	Version 13							lss	ued by: I	FHI			
Case	no:	2020-04	124	Site No:		FS0695			Date of		19/	10/2020	19/ <i>*</i>
Priorit	y samples:	VI		BA		PA		MG	Samplin	g: HI		l	
starts	sampling /ends:		0:00		0:00		Inspecto	or:			VMD No	р.	11
Enviro	onmental conditions:	1	Wet	2	Windy	3		4		5			
Sumn	nary samples	HIST		BA		MG		VI		PA		Total Sa	mples
	h/Pools - click												
	Fish No	4	0										
Fish r	Group	1	2										
Speci		SAL	SAL										
	ige weight		2.5kg										
Sex		2.0Kg	2.0Kg										
	r Type	SW	SW										
Stock Details Stock Julia	Origin	പ Barcaldine Smolt Unit FS1328	œ Barcaldine Smolt Unit FS1329										

10/2020	Addition	nal Sam	ple Infor	mation:							
		sive blov									
0	]	Total To	ests ass	igned	0	l					

Site No: FS0695

Case No: 2020-0424

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2020-0424	]		Date of visit	: 19/10/202	C		
Site No:	FS0695	כ		Inspector	:			
Results Summary	Freq.				ate of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
							_	
			-				-	
							-	
			-		-		-	
							_	
	_		_				_	
	_		-				-	
	-						-	
			-					
Report Summary			- nd -					
Case Type ECI, CNI, SLI, VMD	Date	Insp	2 <sup>nd</sup> Insp					
ECI, CNI, SLI, VMD	26/10/2020							
	+							
	1							
	1							
	1							

# marine scotland science



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

### FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0125 SITE NO FS0695 INSPECTOR 
 DATE OF VISIT
 19/10/2020

 SITE NAME
 Shuna

 CASE NO
 20200424

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

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

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

#### Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

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

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

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



Signed:

Date: 26/10/2020

Fish Health Inspector

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

FHI 059, Version 13	lse	sued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0425			Date of visit: 20/10/2020
Time spent on site: 3	nrs	Main Inspecto	pr:
Site No: FS0875 Business No: FB0125	Site Name: Business Name:	Walters (East Lismore) Scottish Sea Farms Ltd	
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 13.5	Thermometer No:	T152	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA: M-36
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?		N If yes, see additional infor	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail re	eason below:	

#### Additional Case Information:

Lumpfish imported from Ireland (Bantry Marine Research Station) - One input this year in February.

Salmon came onto site from Barcaldine in two inputs over 2 days in December 2019.

Fish are transported live haul to South Shian processing plant for harvesting.

Average female leps rose above the CoGP threshold for treatment in weeks 39 and 40 (4.77 and 1.06 respetively). Hydrolicer was brought onto site in wk39 and numbers reduced the following week, with numbers below the threshold for treatment by wk 41.

Mortalities across the site were above 1% in wk38 and wk39, attributed to environmental insult in combination with gill health issues. These were reported. Mortalities reduced the following week and have remained below 1% since.

The site operates with a risk-based seasonal approach to gill health, taking gill swabs every week from 10 fish per cage.

Thermolicer treatment carried out in w/b 12/10.

One motality observed across the site. Fish were sitting deep in the water so difficult to observe, but when observed on the camera, appeared healthy and exhibited good shoaling behaviour and feeding response.

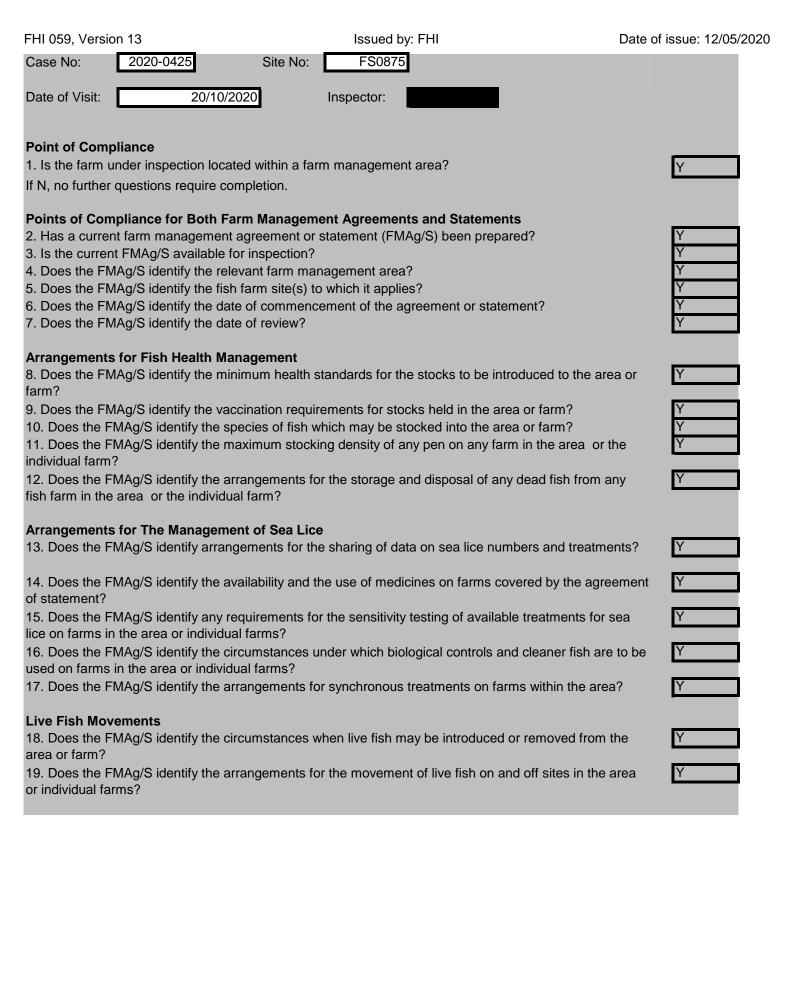
Fish sampled for VMD appeared healthy.

FHI 059, Version 13			Issu	ued by: FHI		Date of	issue: 12/05/2020	
Case No:	2020-0425		Site No:	FS0875	5			
Date of Visit:		20/10/2020			Inspector(s)	:		
Registration/Autho								
<ol> <li>Business/site deta</li> <li>Changes made to</li> </ol>		y checked by s	ite represent	ative?		Y		
2. Onanges made to						IN .		
Site Details (includ	e cleaner fi				0			
Total No facilities	0.41	9	Facilities sto	ocked	9	No facilities inspect	ted 9	
Species Age group	SAL	WRS	LUM					
No Fish	2019 Q4 279, 584	Wildcaught 13, 876						
Mean Fish Wt	279, 584 3Kg	Mixed	23, 154 Unsure	-	-			
Next Fallow Date (S		September 2		Next Input Da	ate (Site)	October 2021		
Recent (last 4 wks)	· ·	-	-021		_ ` `	s (since last visit)?	N	
If yes, detail:								
Movement Records 1. Movement record 2. Date of last insper 3. Are records comp 4. Are movement records comp 6. Are health certific Transport Records 1. Are any movement If yes, is there a system	s available f ction: olete and cor cords availal olete and cor ates for intro	rectly entered ble for dead fis rectly entered oductions (outw ut by (or on be	h and waste' ? vith GB) avail half) of the b	able? usiness (not us	- /	06/12/2	V 018 V N/A N/A N/A	
Mortality Records								
1. Mortality records a		•					Y	
2. How are mortalitie	es disposed	of?			Incinerated	- on site		
If other detail:		1						
3. Mortality records of	•	a correctly ent		0/ 14/1-40- 0.00	0/ 11/1-00- 4.0	00/ 10/1-00- 4 700/ 10		
<ol> <li>Recent mortality (</li> <li>Evidence of recent</li> </ol>	· · ·	atypical morta		%, \\K40; 0.68	%, VVK39; 1.2	28%, Wk38; 1.73%, W	K37; 0.44%	
If yes, facility nos/no		••		v/reason:			<u> </u>	
Environmental insult								
6. Any other peaks in							N	
If yes, detail:		31						
7. Have increased (u	unexplained)	mortalities be	en reported t	o vet or FHI?			N/A	
If yes, detail action:	. ,							
8. Have 'mortality ev	Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.							

Treatments and Medicines Records		
1. Recent treatments (see comment)?		Y
If yes, detail: MS222		
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)?	MS222	
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, reco	<b>.</b>	Y
3. Has the manner and period in which the APB will notify S		
increased (unexplained) mortality at the site been included		Y
4. Has the action that will be taken in the event that the pre-	-	
is detected been included and how and when that will be n		Y
5. Has the health status of aquaculture animals being stock	ked on the farm site been covered (equal or higher	Y
health status, certification if required)?		
6 Have the husbandry and bioscourity managing implement	ated between each anidemiclosical unit to minimize	Y
6. Have the husbandry and biosecurity measures implement transmission of disease been covered (movement of staff,		•
		V
7. Is documentation available regarding the measures in pla aquaculture animals held on site?	ace to maintain the physical containment of	1
8. Have the biosecurity procedures been adequately impler	mented 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)	). PGD scores high, AGD lesions mild.	
Report dated 08/10/2020.		
Records checked between:	14/10/2019 - 12/10/2020	

		ISSUEU Dy. FHI			Date		
Case Number:	2020-0425		Site No:	FS0875		Insp:	
Date of Visit	20/10/2020		No of mo	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	5
with GB) of susceptible species		novements on from equivalent zone or including third country	0	9	18	26	
	Number of sup		0		10	14	5
Movements off	Frequency of m	novements off	0	3	6	10	10
	Number of dest		0		6	10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l		0				
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		2
	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 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				
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
	equivalent statu		4				
		from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	e only processed.	0	1			0
products	Common proce	sses with other farms	3				
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	ĺ			0
·	Feeding unpas	•	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		•
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	aff and equipment	0	1	2		0
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					<b>Total</b> Rank		27 HIGH

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0425	Site No:	FS0875
Sea Lice Inspection (Seawater Sites Only)		
1. Has the site experienced sea lice problems in	the previous 4 years?	Ν
2. Is the CoGP Farm Management Area (or equi		/ear class basis? Y
3. Does the site have access to a range of licent azamethiphos and emamectin benzoate) as we	ced in-feed and bath sea lice medications (in- ell as access to suitable biological and/or med	cluding deltamethrin, Y hanical control measures, and
4. Is there a signed documented farm managem Management Area (or equivalent)?	ient agreement or statement relevant to the s	
5. Are sea lice count records available for inspec	ction? (Legal SSI, CoGP Annex 6)	Y
6. Do records adequately reflect the required sta	andard specified in the SSI and the CoGP? (L	egal SSI, CoGP Annex 6)
7. Are sea lice ( <i>L. salmonis</i> ) record levels below records are inspected? (CoGP Annex 6)	the suggested criteria for treatment in the C	oGP during the period that N
8. Have average adult female sea lice (L. salmo	nis) numbers per fish been at a level of 3 or	above (prior to w/b 10/6/19) or Y
If yes, have these been reported to the Fish Hea	alth Inspectorate? If no, FHI see comment.	Y
9. Is C. elongatus infestation at a level which is	considered to cause significant welfare probl	ems? (CoGP 4.3.81, 5.3.50) N
10. Have therapeutic treatments been administered or other actions taken when <i>L. salmonis levels</i> have exceeded the suggested criteria for treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)		
11. Has any other action been taken (where app	blicable)?	N/A
12. Have therapeutic treatments or the actions ta	aken had a significant impact upon the lice le	evels recorded? Y
13. Are treatments, where conducted, carried out in cooperation between participating farms?		
14. Is there a harvesting strategy for the site, wh	ere fewer populations or part populations are	e held without treatment for Y
15. Is there a site specific written lice manageme	ent procedure with waypoints describing set a	actions to deal with recognised Y
16. Do the sea lice levels observed on stocks re	flect sea lice count data? If no please detail r	reasons. Y
Containment Inspection		
1. Has the site experienced equipment damage	due to predators in the current or previous pr	roduction cycles? N
2. Are measures in place to mitigate against the		
Sapphire seal pro nets, ADD available for deployment but currently not in use.		
If other, detail below:		
3. Have escape incidents or events been exper	ienced on or in the vicinity of the site since th	e last FHI inspection? N
If Yes proceed with questions 4 – 9. If No skip to	o question 10	
4. Have these been reported to Scottish Minister	rs?	
5. Have these been reported to local DSFB forth	with (where they exist)? (CoGP - 4.4.37, 5.4	4.17)
6. Have these been reported to the SSPO and lo	ocal fisheries trusts forthwith (where they exis	st)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover escap	ees? If yes give detail	
8. If gill nets were deployed was this action agre Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	ed with local wild fish interests and was perm	hission given by Scottish
9. What action was taken to prevent and minimized	se the risk of further escapes? (Not covered i	in code but could
be considered under satisfactory measures	s of the Act)	
10. Is the site inspected as satisfactory with rega	ards to containment? If no, please detail reas	son(s) Y



FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptat	ble harvest practices on farms in the area or individual	l farms? Y
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be resto	s by which the area or individual farm will be fallow an ocked?	d the earliest Y
	one or more year classes may be stocked onto sites o	covered by the Y
23. Does the FMAg/S identify whether covered by the agreement or statemer	broodstock or potential broodstock are to be kept on a t?	any site Y
<b>Point of Compliance for Farm Mana</b> 24. Does the farm management agree parties to the agreement?	gement Agreements Only ment include arrangements for persons to become, or	r cease to be, N/A
Management and operation		
25. Is the fish farm being managed and 26. What is the version no/date of issu	d operated in accordance with the agreement or state e of the FMAg/S? 28th November 2019.	ment? Y

FHI 059, Versior	13			lss	sued by: FHI		
Case no:	2020-0	425 Site No	p: FS087	5	Date of visit/	20/10/2020	20/*
Priority samp	es: V	I ВА	PA	MG	Sampling: HI		
Time samplin starts/ends:			00:00	Inspector:		VMD No.	13
Environmenta	I conditions:	Dry 2	2 Windy 3	8 4	5		
Summary sar	nples HIST	ВА	MG	VI	PA	Total Sa	amples
Add Fish/Pools	- click						
Pool/Fish No							
Fish nos	1	2					
Pool Group							
Species	SAL	SAL					
Average weig	ht 3kg	3kg					
Sex	SW	SW					
Water Type	500	500					
Stock Origin Stock Origin Facility No	∞ Barcaldine Smolt Unit FS1328	6 Barcaldine Smolt Unit FS1328					

10/2020	Addition	nal Sam	ple Infor	mation:							
		sive blov									
0	]	Total To	ests ass	igned	0	l					

Site No: FS0875

Case No: 2020-0425

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2020-0425	]		Date of visit:	20/10/2020	]		
Site No:	FS0875	]		Inspector:		I		
Results Summary	Freq.				te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
							-	
			-					
			-					
							-	
	•					•		
Report Summary								
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
ECI, CNI, SLI, VMD	26/10/2020							

# marine scotland science



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

### FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0125 SITE NO FS0875 INSPECTOR DATE OF VISIT20/10/2020SITE NAMEWalters (East Lismore)CASE NO20200425

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

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

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

#### Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

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

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

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



Signed:

Date: 26/10/2020

Fish Health Inspector

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

FHI 059, Version 13	lssu	ed by: FHI	Date of issue: 12/05/2020
Case No: 2020-0426			Date of visit: 21/10/2020
Time spent on site: 3	hrs	Main Insp	ector:
Site No:FS0914Business No:FB0125	Site Name: Business Name:	Lismore West Scottish Sea Farms Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 13.4	Thermometer No:	T152	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA: M-36
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional in	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail rea	son below:	

#### FHI 059, Version 13 Additional Case Information:

Weekly mortalities >1%: Wk11 2020 - 1.22% Wk12 - 3.42% Wk13 - 2.3% Wk14 - 1.6% All mortalities attributed to physical damage resulting from strong tides. The mortality dropped in the following weeks and has remained below the reporting threshold since.

Average adult female lice was 0.68 in Wk20 (above the CoGP), although was below the threshold in weeks prior and since input, and below every week following until inspection.

Fish came on from Knock over two inputs. Site will be doing live harvests, with fish going to South Shian processing plant.

Fish were sitting deep in the water so difficult to observe from the cage. Observed good shoaling behaviour and feeding response on the cameras.

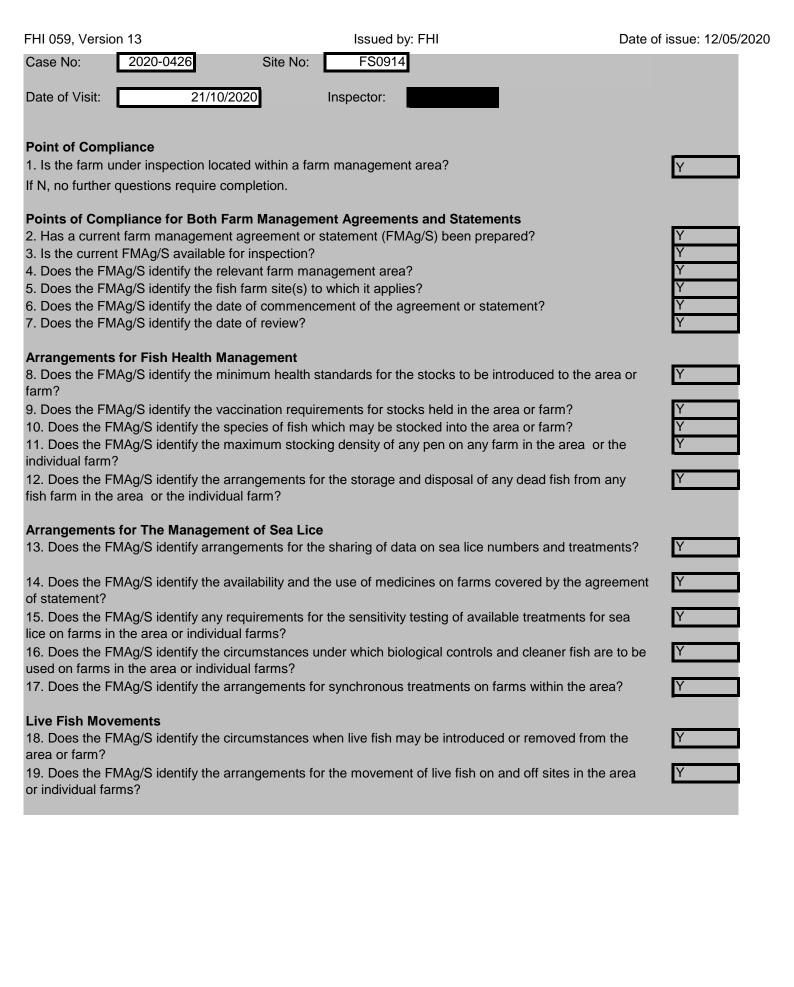
Fish sampled for VMD appeared healthy.

FHI 059, Version 13	Date of issu	e: 12/05/2020									
Case No:	2020-0426	]	Site No:	FS0914							
Date of Visit:		21/10/2020	l		Inspector(s):			1			
Registration/Autho							N	_			
<ol> <li>Business/site deta</li> <li>Changes made to</li> </ol>		checked by si	te representa	tive ?			Y N	1			
Site Details (includ	e cleaner fis	h for all secti	ons)								
Total No facilities		9	Facilities stor	cked	9	No facilitie	s inspected	9			
Species	SAL	WRS	LUM				1				
	S1	Wild caught	13/03/2020								
Age group		Ŭ									
No Fish	269,707	9,834	17,057								
Mean Fish Wt	2.8Kg	350g	100g								
Next Fallow Date (Si	ite)	May 2021		Next Input Da	_ ` '	December					
Recent (last 4 wks) of	disease probl	ems?		N	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 system in place for maintenance of transportation records?         Mortality Records											
1. Mortality records a		•			lu cia cueto d			Ŷ			
2. How are mortalitie If other detail:	es aisposea d	)  {			Incinerated -	on site					
3. Mortality records of	complete and		vrod2					V			
4. Recent mortality (	•			0.05%), Wk39;	210 (0 000/)	W/k/0: 220		41.221			
5. Evidence of recen	,			J.05 /6), VVK39,	, 219 (0.00 %),	VVK40, 230	(0.0976), VVK	N			
If yes, facility nos/no		••		reason.							
	montailty per		ck per raciity/	1683011.							
6. Any other peaks ir	n mortality du	ring period ch	ecked?					Y			
		al comments.									
7. Have increased (u				vet or FHI?				N/A			
If yes, detail action:	(										
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter o	details on mort	ality events sh	leet.		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	V
1. Biosecurity records available for inspection?	Ý
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 is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	disease
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or h health status, certification if required)?	Igner
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to mir	oimise 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). AGD detected last week	
07/10/2020	
Records checked between: 14/10/2019 - 14/10/2020	

		ISSUED by. FITI			Date t	JI 155UE	12/05/2020
Case Number:	2020-0426		Site No:	FS0914		Insp:	
Date of Visit	21/10/2020		No of mo	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	14
with GB) of susceptible species		novements on from equivalent zone or including third country	0	9	18	26	
	Number of sup		0	5	10	14	5
Movements off	Frequency of m	povements off	0	3	6	10	10
	Number of dest		0	3	6	10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l		0				
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		4
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro	cessing	0				
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	from zone or compartment of us	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	ĺ			
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	inpasteurised feed	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		C
	Sites sharing s	taff and equipment	0	1	2		C
Disinfection of equipment	Yes		0				
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance	Yes		0				C
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0				C
	No		2				
					Total		38
					Rank		HIGH

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0426	Site No:	FS0914
Sea Lice Inspection (Seawater Sites Only)		
1. Has the site experienced sea lice problems in the	previous 4 years?	Ν
2. Is the CoGP Farm Management Area (or equivalent		year class basis? Y
3. Does the site have access to a range of licenced in azamethiphos and emamectin benzoate) as well as	n-feed and bath sea lice medications (in	ncluding deltamethrin, Y
4. Is there a signed documented farm management a Management Area (or equivalent)?	agreement or statement relevant to the s	site and CoGP Farm Y
5. Are sea lice count records available for inspection	? (Legal SSI, CoGP Annex 6)	Y
6. Do records adequately reflect the required standar	d specified in the SSI and the CoGP? (I	Legal SSI, CoGP Annex 6) Y
7. Are sea lice ( <i>L. salmonis</i> ) record levels below the records are inspected? (CoGP Annex 6)	suggested criteria for treatment in the C	CoGP during the period that N
8. Have average adult female sea lice (L. salmonis)	numbers per fish been at a level of 3 or	above (prior to w/b 10/6/19) or N
If yes, have these been reported to the Fish Health Ir	spectorate? If no, FHI see comment.	N/A
9. Is C. elongatus infestation at a level which is cons	idered to cause significant welfare prob	lems? (CoGP 4.3.81, 5.3.50) N
10. Have therapeutic treatments been administered of suggested criteria for treatment or where <i>C. elongatu</i>		
11. Has any other action been taken (where applicab	le)?	N/A
12. Have therapeutic treatments or the actions taken	had a significant impact upon the lice le	evels recorded? Y
13. Are treatments, where conducted, carried out in c	cooperation between participating farms	? Y
14. Is there a harvesting strategy for the site, where f	ewer populations or part populations are	e held without treatment for Y
15. Is there a site specific written lice management p	rocedure with waypoints describing set	actions to deal with recognised Y
16. Do the sea lice levels observed on stocks reflect	sea lice count data? If no please detail	reasons. Y
Containment Inspection		
1. Has the site experienced equipment damage due	to predators in the current or previous p	roduction cycles?
2. Are measures in place to mitigate against the pred	· · · ·	
ADDs, top nets, tension nets, nylon nets, double	· · · ·	
If other, detail below:		
3. Have escape incidents or events been experience	ed on or in the vicinity of the site since the	ne last FHI inspection? N
If Yes proceed with questions 4 – 9. If No skip to que	stion 10	
4. Have these been reported to Scottish Ministers?		
5. Have these been reported to local DSFB forthwith	(where they exist)? (CoGP - 4.4.37, 5.4	4.17)
6. Have these been reported to the SSPO and local f	isheries trusts forthwith (where they exis	st)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover escapees?	If yes give detail	
8. If gill nets were deployed was this action agreed w Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	ith local wild fish interests and was pern	nission given by Scottish
9. What action was taken to prevent and minimise th	e risk of further escapes? (Not covered	in code but could
be considered under satisfactory measures of t	he Act)	
10. Is the site inspected as satisfactory with regards		son(s) Y



FHI 059, Version 13 Issued by: FHI Date of issue: 12	2/05/2020
Harvesting         20. Does the FMAg/S identify acceptable harvest practices on farms in the area or individual farms?       Y	
Fallowing	
21. Does the FMAg/S identify the dates by which the area or individual farm will be fallow and the earliest date when a farm or area may be restocked?	
22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covered by the Agreement or statement?	
23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?	
Point of Compliance for Farm Management Agreements Only	
24. Does the farm management agreement include arrangements for persons to become, or cease to be, N/A parties to the agreement?	
Management and operation	
25. Is the fish farm being managed and operated in accordance with the agreement or statement?       Y         26. What is the version no/date of issue of the FMAg/S?       Nov-19	

FHI 059, Version 13							lss	ued by:	FHI			
Case no:	2020-04	426	Site No:		FS0914			Date of		21/	10/2020	21/
Priority samples:	VI		BA		PA		MG	Samplin	g: HI			
Time sampling starts/ends:	P	00:00		0:00		Inspecto	or:			VMD No	р. <b>[</b>	13
Environmental conditions:	: 1	Indoors	2		3		4		5			
Summary samples	HIST		BA		MG		VI		PA		Total Sa	mples
Add Fish/Pools - click												
Pool/Fish No		-										
Fish nos	1	2										
Pool Group		0.41										
Species	SAL	SAL										_
Average weight	3kg	3kg										
Sex	SW	SW										
Water Type	300	300										
	254	254										
<u>م</u>	S02	So S										
Details	Ĕ	Ĕ										
	Knock FS0254	Knock FS0254										
ວັ Stock Origin Facility No	Kn	Х <sup>и</sup>										
び Facility No	4	8										

10/2020	Addition	nal Sam	ple Infor	mation:							
	Percus	sive blov	V.								
0	1	Total Te	ests ass	igned	0	l					

Site No: FS0914

Case No: 2020-0426

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2020-0426	]		Date of visit:	21/10/2020	2		
Site No:	FS0914	]		Inspector:		I		
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
			_					
			-				_	
	-							
	_				-			
Denerati Ourrenear	_							
Report Summary	Data	lasar	and					
Case Type ECI, CNI, SLI, VMD	Date 26/10/2020	Insp	2 <sup>nd</sup> Insp					
ECI, CINI, OLI, VIVID	20/10/2020							
	1							

# marine scotland science



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

### FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0125 SITE NO FS0914 INSPECTOR DATE OF VISIT21/10/2020SITE NAMELismore WestCASE NO20200426

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

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

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

#### Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

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

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

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



Signed:

Date: 26/10/2020

Fish Health Inspector

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

FHI 059, Version 13	lse	sued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0427			Date of visit: 01/10/2020
Time spent on site:	0 min	Main Inspec	tor:
Site No:SS0893Business No:SB0539	Site Name: Business Name:	Keoldale Kyle of Durness Cowrie Associates Ltd	
Case Types: 1 INF	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA:
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	· ·	If yes, see additional info	ormation/clinical score sheet. ormation/clinical score sheet. ormation/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detail re	eason below:	

#### Additional Case Information:

Sample from Dornoch Firth East (SS0900) 2020-0377 positive for Bonamia ostreae. Contact tracing identified SS0893 as possible source site. Following discussion on 01/10/2020 IDN to be placed and site to be visited and samples collected as soon as possible.

Case No:	2020-0427			Date of visit:	01/10/2020	]				
Site No:	SS0893	]		Inspector:		1				
Results Summary	Freq.	Date of Notification								
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp		
		<b>.</b>								
Report Summary										
Case Type	Date	Insp	2 <sup>nd</sup> Insp							

Report Summary			
Case Type	Date	Insp	2 <sup>nd</sup> Insp
No report	07/10/2	020	
	_		

FHI 059, Version 13	lss	ued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0428			Date of visit: 19/10/2020
Time spent on site:	hr	Main Ir	nspector:
Site No:SS0934Business 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): 10.8	Thermometer No:	T146	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	al information/clinical score sheet. al information/clinical score sheet. al information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail re	ason below:	

#### Additional Case Information:

40,000 OED and 75,000 CGI brought onto site May 2020 from Morecambe Bay. Shells very clean with no gaping or empty shells noticed.

FHI 059, Version 13			lss	ued by: FHI			Date of issu	e: 12/05/2020
Case No:	2020-0428	]	Site No:	SS0934	1			
Date of Visit:		19/10/2020	0		Inspector(s):			I
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site represen	tative?			Y N	]
Site Details (includ	le cleaner fis		tions)			_		
Total No facilities		50	Facilities st	ocked	22	No facilitie	es inspected	22
Species	OED	OED	CGI	CGI				
Age group	2020 spat	2020 spat	2019 Juv.	2020 spat				
No Fish	12 bags	6 bags	60 bags	54 bags				
Mean Fish Wt	8mm	10mm	8g	10mm				
Next Fallow Date (S		unknown		Next Input Da		unknown		
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
Movement Records 1. Movement record 2. Date of last inspe 3. Are records comp 4. Are movement re 5. Are records comp 6. Are health certific Transport Records 1. Are any movement If yes, is there a system Mortality Records	s available fo ction: blete and corr cords availat blete and corr ates for intro	rectly entered ble for dead fir rectly entered ductions (out ut by (or on be	? sh and waste ? with GB) avai ehalf) of the b	ilable? business (not us			first inspecti	Y on N/A N/A N/A
1. Mortality records	available for	inspection?						Y
2. How are mortalitie		•			Domestic wa	ste - <25kg	1	
If other detail:		-					,	
3. Mortality records	complete and	d correctly en	tered?					Y
4. Recent mortality (	•	,	no known n	nortalities				
5. Evidence of recer		atypical morta						N
If yes, facility nos/no		••		y/reason:				<u> </u>
			•	•				
6. Any other peaks i If yes, detail:	n mortality du	uring period c	hecked?					N
7. Have increased (	unexplained)	mortalities be	een reported	to vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	vents' been re	eported to FH	I? If no, enter	r details on mor	tality events sh	neet.		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	
1. Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Ý
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:	
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: 01/05/2020 - 19/10/2020	

FHI 059, Version 13	Issued by: FHI			Date	of issue: 12/
Case Number:	2020-0428 Site No:	SS093	4		
Date of Visit	19/10/2020 Inspector:				
Number of Susceptil	ble species on site			-	
	ies present = <u>LOW</u> risk				
	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 e	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		0
	Frequency of movements on from equivalent neo				
	compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Anna an ta aff					
Novements off	Frequency of movements off within MSS Management	0		0	0
	Areas	0	1	2	0
	Frequency of movements off <u>outwith</u> MSS Management	0	2	6	0
	Areas	0	3	6	0
	Number of destinations	0	3	6	0
	Number of destinations	0 None	Secure (effluent	6 Unsecure (no effluent treatment)	0
	Number of destinations Depuration of stock from own sites within MSS management area		Secure (effluent	Unsecure (no effluent	0
Water contacts with	Depuration of stock from own sites within MSS	None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with	Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	<b>None</b> 0 0	Secure (effluent treatment) 1	Unsecure (no effluent treatment) 2 6	0 0
Water contacts with	Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area	<b>None</b> 0	Secure (effluent treatment) 1	Unsecure (no effluent treatment) 2	0
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area <b>Number of sites</b>	None 0 0 0 1	Secure (effluent treatment) 1 2 4 2 or 3	Unsecure (no effluent treatment) 2 6 8 ≥ 4	0 0
depuration facilities Biosecurity Contacts with other	Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area <b>Number of sites</b> Sites operating from single shorebase	None 0 0 0 1 0	Secure (effluent treatment) 1 2 4 2 or 3 1	Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area <b>Number of sites</b>	None 0 0 0 1	Secure (effluent treatment) 1 2 4 2 or 3	Unsecure (no effluent treatment) 2 6 8 ≥ 4	0 0 0
Water contacts with depuration facilities Biosecurity Contacts with other	Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area <b>Number of sites</b> Sites operating from single shorebase	None 0 0 0 1 0	Secure (effluent treatment) 1 2 4 2 or 3 1	Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area <b>Number of sites</b> Sites operating from single shorebase Sites sharing staff and equipment	None 0 0 0 1 0 0	Secure (effluent treatment) 1 2 4 2 or 3 1 1	Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area <b>Number of sites</b> Sites operating from single shorebase	None 0 0 0 1 0 0	Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area <b>Number of sites</b> Sites operating from single shorebase Sites sharing staff and equipment	None 0 0 0 1 0 0	Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	

Case No:	2020-0428			Date of visit:	19/10/2020	]				
Site No:	SS0934	I		Inspector:		I				
Results Summary	Freq.		Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp		
Report Summary										

Report Summary			
Case Type	Date	Insp	2 <sup>nd</sup> Insp
ECI	28/10/2	020	
	_		
	_		
	_	_	

# marine scotland science



C.W.C Brown Ltd Heglabister Weisdale Shetland ZE2 9LN

## FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0558DATE ofSITE NOSS0934SITE NINSPECTORCASE I

 DATE OF VISIT
 19/10/2020

 SITE NAME
 Mid Noost

 CASE NO
 20200428

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

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

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

#### Records

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

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

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

No mortality had been observed on site.

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

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

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

Signed:

Date: 28/10/2020

Fish Health Inspector

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

FHI 059, Version 13	l:	ssued by: FHI	Date	of issue: 12/05/2020
Case No: 2020-0429			Date of visit:	20/10/2020
Time spent on site: 2	hrs	Mai	n Inspector:	
Site No: FS0656 Business No: FB0095	Site Name: Business Name:	Djubawick Cooke Aquaculture S	Scotland Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6	]
Water Temp (°C): 11.1	Thermometer No:	T146	FHI 045 com	pleted
Observations:	Region: SH	Water type:	S CoGP MA	A S-3
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see addit	ional information/clinical ional information/clinical ional information/clinical	score sheet.
UNI/REG only - if unable to carry	out intended visit detail	reason below:		

#### FHI 059, Version 13 Additional Case Information:

Site currently in the process of harvesting and should be fallow by the end of November.

Fish on site looked in good condition with no clinical signs of disease noted. Fish removed for vmd sampling were in good health with no signs of disease internally and externally.

Site paperwork carried out remotely on the 12/10/2020 by

FHI 059, Version 13			Issue	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2020-0429	Site	e No:	FS0656				
Date of Visit:		20/10/2020			Inspector(s):			
<b>Registration/Autho</b> 1. Business/site deta 2. Changes made to	ails summary		epresenta	tive?			Y Y	
Site Details (include	e cleaner fis	sh for all sections	5)					
Total No facilities			cilities stoo	cked	11	No facilitie	es inspected	16
Species	SAL							
Age group No Fish	2019 S1 198,608							
Mean Fish Wt	198,608 6.9kg							
Next Fallow Date (Si		Nov. 2020		Next Input Dat	te (Site)	Jan. 2021		
Recent (last 4 wks) of	· ·				Any escapes			N
If yes, detail:								
<ol> <li>Movement records</li> <li>Date of last inspect</li> <li>Are records comp</li> <li>Are movement records comp</li> <li>Are records comp</li> <li>Are health certificat</li> <li>Transport Records</li> <li>Are any movement</li> <li>If yes, is there a system</li> </ol>	ction: olete and corre cords availab olete and corre ates for introc nts carried ou	rectly entered? ble for dead fish an rectly entered? ductions (outwith G ut by (or on behalf)	GB) availal ) of the bus	able? isiness (not usii			21/05/2019	Y Y Y N/A
Mortality Records 1. Mortality records a	available for i	inspection?						Y
2. How are mortalitie		•			Whole fish - 1	TWMA (Sh	etland)	
If other detail:					TTIOIS I.S.	1 111 1 1 ( )	stanay	
3. Mortality records of	complete and	correctly entered	?					Y
4. Recent mortality (	last 4 wks):	Wk	k 38 - 271 (	(0.14%), wk39	9 - 168 (0.08&)	), Wk 40 - 3	367 (0.18%), V	Vk 41 - 267
5. Evidence of recen		••						N
If yes, facility nos/no	mortality per	facility/no stock p	er facility/	reason:				
6. Any other peaks in	- mortality du	mine pariod check	12					N
6. Any other peaks in If yes, detail:	1 mortality du	ring period checke	ea?					
7. Have increased (u	(nexplained)	mortalities been r	eported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI? If	no, enter c	details on mort	ality events sh	neet.		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 aquaculture animals held on site?	Y
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?	N
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 22/08/2018 - 12/10/2020	

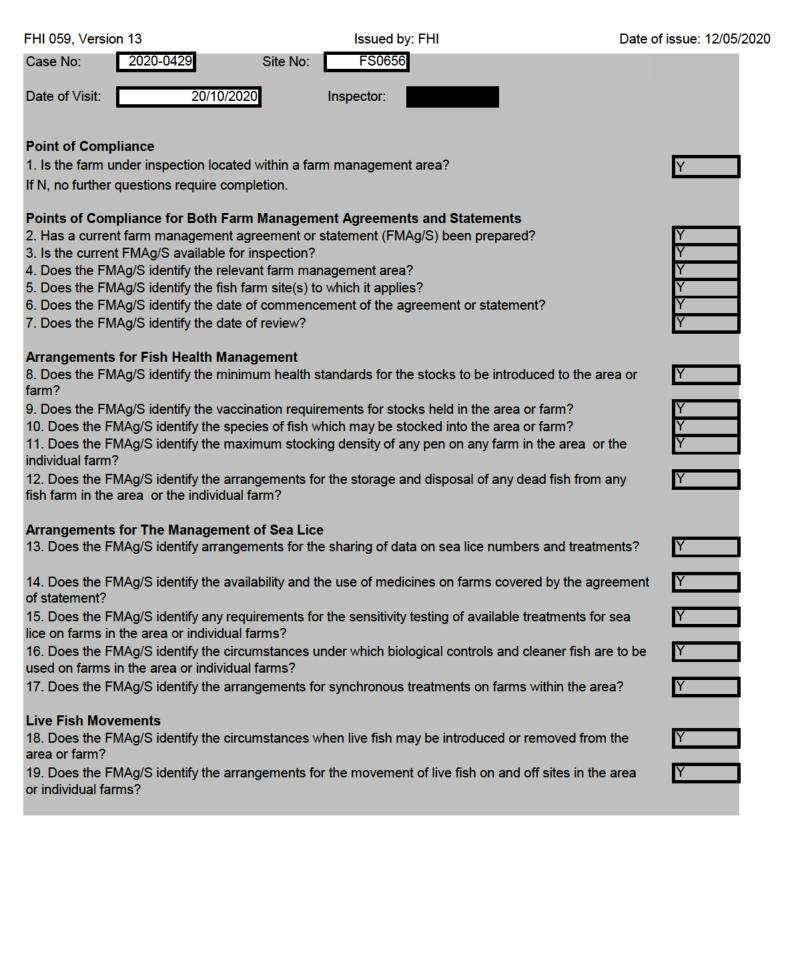
Fł	HI 059, Version 13							lss	ued by: I	FHI			
	Case no:	2020-04	429	Site No:		FS0656			Date of	visit/	20/	10/2020	
l	Priority samples:	VI		BA		PA		MG	Samplin	g: HI		I	
	Time sampling starts/ends:	12:0	00:00	12:3	0:00		Inspecto	or:				<b>D</b> .	22
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		BA		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No	4	0										
	Fish nos	1	2										
	Pool Group	SAL											
	Species		SAL										
	Average weight Sex		6.9000										
		N/A SW	N/A SW										
	Water Type	500	500										
Stock Details	Stock Origin	Ness of Copister (FS1043)	Wick of Belmont (FS0472)										
S	Facility No	3	14										

	Additional Sample Information:													
0		Total To	ests ass	ianed	0									

Issued by: FHI

Thi 038, version 15		Issued by. I Th			Date	01 13500	. 12/03/2020
Case Number:	2020-0429		Site No:	FS0656		Insp:	
Date of Visit	20/10/2020		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	0
	Number of sup	ncluding third country pliers	0	5		14	0
Movements off		•	0	3			
movements on	Frequency of n Number of des		0	3	6	10 10	0
Exposure via water	riamber er uee	Site contacts	0	1-5	6-10		
Water contacts with other	Farm is protect	ted (secure water supply through					
farms (holding species	disinfection or	/	0				
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
		or in a coastal zone with category III					
		n or within 1 tidal excursion or in a coastal zone with category V	1	3	6		
		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	No on farm pro	cessing	0	1			
the rules of the directive	Processing ow	n fish (re-cycling risk)	1				1
	Processing fish	n from MS of equivalent status	2				
	Processing fish equivalent stat	n from zone or compartment of	4				
		n from Category III farm	8				
	Processing fish	n from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	Ì			
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	ĺ			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		0	1			0
between sites, use of footbaths etc	No		1				
CoGP/Regulator	•		•				
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total		11
					Rank		LOW

FHI 059, Version 13		Issued by: FHI		Date of iss	ue: 12/05/2020
Case No: 20	20-0429		Site No:	FS0656	
	water Sites Only) d sea lice problems in the previous gement Area (or equivalent) fallow	•	n a singlo v	oar class basis?	N
3. Does the site have acces	ss to a range of licenced in-feed ar ctin benzoate) as well as access to	nd bath sea lice med	ications (in	cluding deltamethrin,	Y
4. Is there a signed docum Management Area (or equi	ented farm management agreemer valent)?	nt or statement relev	ant to the s	ite and CoGP Farm	Y
	ds available for inspection? (Legal a eflect the required standard specifient of the required standard of the required standard o			egal SSI, CoGP Annex 6)	Y Y
7. Are sea lice ( <i>L. salmonis</i> records are inspected? (Co	s) record levels below the suggeste oGP Annex 6)	ed criteria for treatme	ent in the Co	oGP during the period that	Y
8. Have average adult fema	ale sea lice ( <i>L. salmonis</i> ) numbers	per fish been at a le	evel of 3 or a	above (prior to w/b 10/6/19) or	Ν
	ported to the Fish Health Inspectora				Y
-	on at a level which is considered to nents been administered or other a	-			N Y
•	ment or where C. elongatus is cons				
11. Has any other action be	een taken (where applicable)?				N/A
	nents or the actions taken had a sig				Y
13. Are treatments, where	conducted, carried out in cooperati	on between participa	ating farms?	?	N/A
-	rategy for the site, where fewer pop				Y
	written lice management procedure		-	-	Y
16. Do the sea lice levels o	bserved on stocks reflect sea lice of	count data? If no ple	ase detail r	easons.	Y
Containment Inspection					
1. Has the site experienced	d equipment damage due to predat	ors in the current or	previous pr	oduction cycles?	Ν
	o mitigate against the predation exp	perienced on site? (E	Detail below	/)	Y
Top Nets, Seal Pro Netti	ng,				
If other, detail below:					
3. Have escape incidents	or events been experienced on or i	n the vicinity of the s	ite since th	e last FHI inspection?	Ν
	ons $4 - 9$ . If No skip to question 10	, ,			
4. Have these been reported	ed to Scottish Ministers?				
5. Have these been reported	ed to local DSFB forthwith (where the	hey exist)? (CoGP –	4.4.37, 5.4	l.17)	
6. Have these been reporte	ed to the SSPO and local fisheries	trusts forthwith (whe	re they exis	t)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if any) u	sed to recover escapees? If yes given the set of the se	ve detail			
O If sill a statute statute a				incing given by Onettich	
Ministers? (Legal, CoGP -	· ·				
	o prevent and minimise the risk of t	further escapes? (No	ot covered i	n code but could	
	tisfactory measures of the Act)		de fe il		N/
10. Is the site inspected as	satisfactory with regards to contain	nment? If no, please	detail reas	on(s)	Y



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 individ	ual farms?
date when a farm or area may be restock		
22. Does the FMAg/S identify whether one agreement or statement?	e or more year classes may be stocked onto site	es covered by the Y
23. Does the FMAg/S identify whether bro covered by the agreement or statement?	oodstock or potential broodstock are to be kept o	on any site Y
Point of Compliance for Farm Manager 24. Does the farm management agreement parties to the agreement?	ment Agreements Only ent include arrangements for persons to become	, or cease to be, Y
Management and operation 25. Is the fish farm being managed and op 26. What is the version no/date of issue o	perated in accordance with the agreement or sta of the FMAg/S? 17/01/2020	atement? Y

Site No: FS0656

Case No: 2020-0429

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2020-0429			Date of visit:	20/10/2020			
Site No:	FS0656	1		Inspector:				
	-	-				-		
Results Summary	Freq.				te of Notifica			nd
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
			-					
Report Summary								
Case Type	Date	Insp	2 <sup>nd</sup> Insp					
Case Type ECI, CNI, SLI, VMD	28/10/2020							

# marinescotland science



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

## FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOFB0095SITE NOFS0656INSPECTORImage: Constraint of the second second

 DATE OF VISIT
 20/10/2020

 SITE NAME
 Djubawick

 CASE NO
 20200429

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

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

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

#### Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

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

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

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

Signed:

Fish Health Inspector

Date: 28/10/2020

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

FHI 059, Version 13	lt	ssued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0430			Date of visit: 22/10/2020
Time spent on site: 4	hrs	Main Inspec	ctor:
Site No: FS0316 Business No: FB0440	Site Name: Business Name:	Setter Voe Grieg Seafood Shetland Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 10.6	Thermometer No:	T146	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA S-11
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional inf	formation/clinical score sheet. formation/clinical score sheet. formation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail	reason below:	

All pens inspected with no moribund/lethargic, dead or fish behaving abnormally spotted. Fish seen were all behaving as expected and looked in very good condition. Fish removed for vmd sampling showed no signs of disease and no physical damage either. Internal examination of the fish showed fish to be in good health, all had food in the gut.

Case paperwork carried out remotely on the 12th October 2020 by

FHI 059, Version 13	1	1	Issued by: FHI			Date of issur	e: 12/05/2020
Case No:	2020-0430	Site No:	FS031	6			
Date of Visit:		22/10/2020		Inspector(s):			
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary	ails checked by site represe	entative?			Y Y	
Site Details (includ	le cleaner fis						
Total No facilities		8 Facilities	s stocked	7	No facilitie	es inspected	8
Species Age group	SAL 2020 S1						
No Fish	268,134						
Mean Fish Wt	1.55kg						
Next Fallow Date (S	Site)	Sep. 2021	Next Input D		Nov. 2021		
Recent (last 4 wks) of	disease probl	ems?		N Any escapes	s (since last	visit)?	N
If yes, detail:							
<ol> <li>5. Are records comp</li> <li>6. Are health certifica</li> <li>Transport Records</li> <li>1. Are any movement</li> <li>If yes, is there a systematic systematic systematics</li> </ol>	ds available for action: plete and corre acords availabl plete and corre cates for introd s nts carried out	ectly entered? le for dead fish and was	ivailable? ie business (not us			29/05/2018	Y Y Y N/A
Mortality Records 1. Mortality records a	available for i	nspection?					Y
2. How are mortalitie		•		Incinerated -	Shetland V	Vaste to Energ	ay and a second s
If other detail:							
3. Mortality records of	•	· · · · · · · · · · · · · · · · · · ·					Y
4. Recent mortality (	· · · · · · · · · · · · · · · · · · ·		406 (0.15%), Wk	39 - 457 (0.17	%), Wk 40 -	- 395 (0.15%),	
5. Evidence of recen		••					N
If yes, facility nos/no	mortality per	r facility/no stock per fac	sility/reason:				
6 Any other peaks i	in mortality dv	uring period checked?					N
If yes, detail:							
•	unexplained)	mortalities been reporte	ed to vet or FHI?				N/A
If yes, detail action:							
8. Have 'mortality ev	vents' been re	eported to FHI? If no, en	iter details on mo	rtality events s	heet.		N/A

<b>Treatments and Medicines Reco</b>	ords		
1. Recent treatments (see comme	ent)?		Y
If yes, detail:	Slice,		
If other, detail:			
2. Medicines records available for	•		Y
3. Are records complete and corre	ectly 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 appropria	itely?		Y
Biosecurity Records			
1. Biosecurity records available for	r inspection?		Y
2. Has the manner and frequency	of mortality removal, recor	ding and safe disposal been considered?	Y
3. Has the manner and period in w	which the APB will notify Sc	cottish Ministers or veterinary professional of any	
increased (unexplained) mortality			Y
		ence or suspicion of the presence of a listed disease	
is detected been included and how	•		Y
5. Has the health status of aquacu	ulture animals being stocke	ed on the farm site been covered (equal or higher	Y
health status, certification if require	-		
6. Have the husbandry and biosec	curity measures implement	ed between each epidemiological unit to minimise	Y
transmission of disease been cove	ered (movement of staff, vi	isitors, equipment, live or dead fish etc.)?	
7. Is documentation available rega aquaculture animals held on site?		ce to maintain the physical containment of	Y
8. Have the biosecurity procedures		ented on site?	Y
If no, detail:			
Results of Surveillance			
1. Has any animal health surveillar	nce been carried out by, or	r on behalf of, the business?	Y
2. If yes, are results available for in	•		Y
3. Any significant results?	loposteri		N
If yes, detail (if not detailed under i	recent disease problems).		
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Records check	ked between:	29/05/2018 - 12/10/2020	

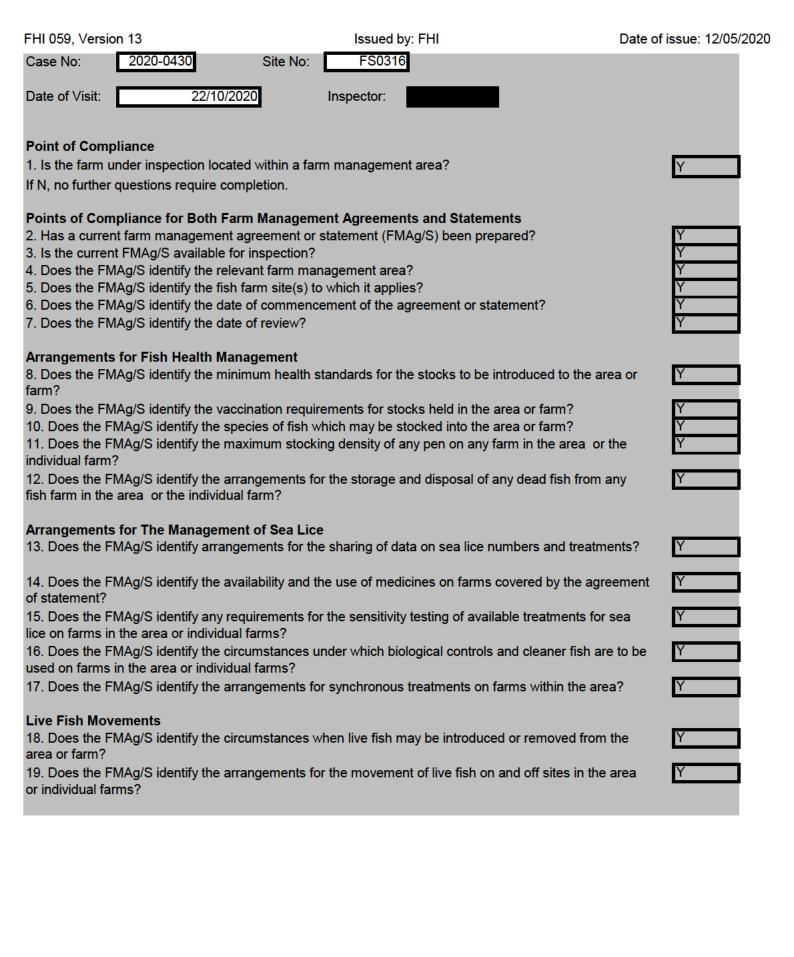
Fł	H 059, Version 13							lss	ued by: I	FHI			
	Case no:	2020-04	30	Site No:		FS0316	j		Date of		22/	10/2020	
l	Priority samples:	VI		BA		PA		MG	Samplin	g: HI		I	
	Time sampling starts/ends:		5:00		0:00		Inspecto	or:		_		o. 🚺	28
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		BA		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No			-		_							
	Fish nos	1	2	3	4	5							
	Pool Group												
	Species	SAL	SAL	SAL	SAL	SAL							
	Average weight	1.6000			1.6000								
	Sex	N/A	N/A	N/A	N/A	N/A							
	Water Type	SW	SW	SW	SW	SW							
Stock Details	Stock Origin Facility No	w Girlsta Hatchery (FS0504)	A Girlsta Hatchery (FS0504)	പ Girlsta Hatchery (FS0504)	on Girlsta Hatchery (FS0504)	∞ West of Burwick (FS0937)							
S	r admity No	5	4	5	0	0							

	Additional Sample Information:													
0		Total To	ests ass	ianed	0									

Issued by: FHI

FRI 039, Version 13		Issued by. Fhi			Date	or 155uc.	12/05/2020
Case Number:	2020-0430		Site No:	FS0316		Insp:	
Date of Visit	22/10/2020		No of m	ovements/s	supp./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 including third country	0	9	18	26	0
	Number of sup		0	5	10		0
Movements off	Frequency of n	novements off	0	3	6	10	10
movements on	Number of des		0	3	6	10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other		ed (secure water supply through					
farms (holding species susceptible to same	disinfection or	orehole) or in a coastal zone with category I	0				
diseases)	farms upstrean	n or within 1 tidal excursion	1	2	4		2
		or in a coastal zone with category III	1	2	6		
		n or within 1 tidal excursion or in a coastal zone with category V		3	6		
		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	No on farm pro	cessing	0				
the rules of the directive	Processing ow	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
	Processing fish	from zone or compartment of					
	equivalent stat		4				
	-	n from Category III farm	8				
			10				
Disposal of fish and fish by- products		te only processed.	0				0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0				0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total		17
					Rank		MEDIUM

FHI 059, Version 13		Issued by: FHI		Date of iss	ue: 12/05/2020
Case No:	2020-0430		Site No:	FS0316	
Sea Lice Inspection (S 1. Has the site experien	eawater Sites Only) ced sea lice problems in the previous	s 4 years?			N
2. Is the CoGP Farm Ma	anagement Area (or equivalent) fallo	wed synchronously o	n a single y	ear class basis?	Υ
azamethiphos and ema	ccess to a range of licenced in-feed a mectin benzoate) as well as access	to suitable biological	and/or mec	hanical control measures, and	Y
4. Is there a signed doc Management Area (or e	umented farm management agreeme quivalent)?	ent or statement relev	ant to the s	ite and CoGP Farm	Y
5. Are sea lice count red	cords available for inspection? (Legal	I SSI, CoGP Annex 6)	)		Υ
6. Do records adequate	ly reflect the required standard speci	fied in the SSI and the	e CoGP? (L	egal SSI, CoGP Annex 6).	Y
7. Are sea lice ( <i>L. salmo</i> records are inspected?	onis ) record levels below the suggest (CoGP Annex 6)	ted criteria for treatme	ent in the C	oGP during the period that	Y
8. Have average adult for	emale sea lice ( <i>L. salmonis</i> ) number	s per fish been at a le	evel of 3 or a	above (prior to w/b 10/6/19) or	Ν
•	reported to the Fish Health Inspector				N/A
-	tation at a level which is considered t	-	-		Ν
	eatments been administered or other eatment or where <i>C. elongatus</i> is cor				N/A
11. Has any other action	n been taken (where applicable)?				N/A
	eatments or the actions taken had a s				N/A
	ere conducted, carried out in coopera		-		Υ
	g strategy for the site, where fewer po				Y
	fic written lice management procedur		-	-	Y
16. Do the sea lice level	Is observed on stocks reflect sea lice	e count data? If no ple	ase detail r	easons.	Y
Containment Inspectio	n				
1. Has the site experien	ced equipment damage due to preda	ators in the current or	previous pr	oduction cycles?	Ν
2. Are measures in plac	e to mitigate against the predation e	xperienced on site? (I	Detail below	/)	Υ
	), Tensioned Nets, Top Nets				
If other, detail below:					
3 Have escape incider	nts or events been experienced on or	in the vicinity of the s	to since th	a last EHI inspection?	Ν
	stions 4 – 9. If No skip to question 10	•	site since th	e last i i i inspection:	
	orted to Scottish Ministers?	•			
	orted to local DSFB forthwith (where	they exist)? (CoGP -	4 4 37 5 4	4.17)	
	orted to the SSPO and local fisheries	• • •		· ·	
7. Were methods (if any	<ul><li>v) used to recover escapees? If yes g</li></ul>	jive detail			
9. If all note were deale	ved was this action agreed with least	wild fich interacts on	d was norm	viscion divon by Coottich	
Ministers? (Legal, CoGF	· ·				
	en to prevent and minimise the risk of		ot covered i	n code but could	
	satisfactory measures of the Act)				
10. Is the site inspected	as satisfactory with regards to conta	ainment? If no, please	detail reas	on(s)	Y



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 individu	ual farms?
date when a farm or area may be restocked	y which the area or individual farm will be fallow a ed? e or more year classes may be stocked onto site	
23. Does the FMAg/S identify whether bro covered by the agreement or statement?	odstock or potential broodstock are to be kept o	n any site Y
parties to the agreement?	nent Agreements Only nt include arrangements for persons to become,	or cease to be, Y
Management and operation 25. Is the fish farm being managed and op 26. What is the version no/date of issue of	f the FMAg/S? Issue No. 1.0 - 23/01/20	

Site No: FS0316

Case No: 2020-0430

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2020-0430			Date of visit:	22/10/2020	)		
Site No:	FS0316	l		Inspector:				
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
			-		=		-	
			2					

Report Summary			
Case Type	Date	Insp	2 <sup>nd</sup> Insp
ECI, CNI, SLI, VMD	28/10/2020		
	<b></b>		
	<b></b>		
	<b></b>		

# marine scotland science



Grieg Seafood Shetland Ltd Gremista Lerwick Shetland ZE1 OPX

## FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOFB0440SITE NOFS0316INSPECTORInspector

 DATE OF VISIT
 22/10/2020

 SITE NAME
 Setter Voe

 CASE NO
 20200430

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

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

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

#### Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

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

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

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

Signed:

Fish Health Inspector

Date: 28/10/2020

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

FHI 059, Version 13	lss	sued by: FHI	Date of issue: 12/05/2020					
Case No: 2020-0431			Date of visit: 21/10/2020					
Time spent on site: 2	hours	Main Inspecto	pr:					
Site No: FS0577 Business No: FB0070	Site Name: Business Name:	Kindrochet Fish Farm Kindrochet Fish Farm						
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6					
Water Temp (°C): 11.8	Thermometer No:	T172	FHI 045 completed					
Observations:	Region: TA	Water type: F	CoGP MA:					
Dead/weak/abnormally behaving fish present?NIf yes, see additional information/clinical score sheet.Clinical signs of disease observed?NIf yes, see additional information/clinical score sheet.Gross pathology observed?NIf yes, see additional information/clinical score sheet.Diagnostic samples taken?N								
UNI/REG only - if unable to carry out intended visit detail reason below:								

#### Additional Case Information:

Reportedly fish dumped from Westmill. Large fish were needed to be moved off to make space for smaller fish moving on but there were no buyers due to the closure of fisheries (COVID-19). A hole was dug (location unknown) and the fish buried (approx. 30 tonnes).

All triploid

Paperwork conducted on the phone on 01/10/2020.

Hatchery unlikely to be used in the future as fish are now brought in as fingerlings, instead of eggs. This has decreased workload for manager.

No longer importing eggs from outside GB.

Unsure of restocking plans due to uncertainty related to COVID-19

Some morts given to Auchingarrach wildlife park to feed otters and racoons.

ERM and red mark observed last year, but not causing any increase in mortality. Treated successfully with Aquatet.

Business starting to pick up recently due to easing of lockdown restrictions.

FHI 059, Version 13			lss	Issued by: FHI			Date of issue: 12/05/2020		
Case No:	2020-0431	]	Site No:	FS0577	]				
Date of Visit:		21/10/2020	C		Inspector(s):				
Registration/Authorisation Details									
1. Business/site details summary checked by site representative?       Y         2. Changes made to details?       N									
Site Details (include cleaner fish for all sections)									
Total No facilities		43	Facilities st	ocked	42	No facilitie	s inspected	43	
Species	RTR	RTR	RTR	TRO					
Age group	2019	2019	2018	2019					
No Fish	18,000	6,000	7,000	1,000					
Mean Fish Wt	<200g	400g	600g	200g		1			
Next Fallow Date (S		No plans		Next Input Da	ate (Site)	2021 (uns	ure at present	due to	
Recent (last 4 wks)	disease prob				Any escapes		•	N	
If yes, detail:	1% affected	d by RMS, not	treated as so	o few fish affecte				o increased	
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 N/A Y	
Mortality Records									
1. Mortality records		•			Description	0.51		Y	
2. How are mortalitie If other detail:	es disposed	01?			Domestic wa	ste - <25Kg			
		d correctly on	harad2					$\sim$	
3. Mortality records	•	a correctly en		airea of diagon	-			I	
<ol> <li>Recent mortality (</li> <li>Evidence of recert</li> </ol>	· /	at migal morta		signs of diseas	se.			N	
If yes, facility nos/no		••		w/roocon:					
	monality pe			y/1ea5011.					
6. Any other peaks i	n mortality d	uring period c	hecked?					N	
If yes, detail:		uning period c	neekeu !					IN	
7. Have increased (	(Inexplained)	mortalities be	en reported	to vet or FHI2				N/A	
If yes, detail action:			onreperteu						
If yes, detail action: 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.									

Treatments and Medicines Records	
1. Recent treatments (see comment)?	Ν
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
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 diseas	se
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?	N
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 29/11/18 - 21/10/2020	

FHI 059, Version 13					Issued by:	FHI		
Case no:	2020-043	Site No:	FS05	77	Date of		21/10/2020	21/′
Priority samples:	VI	BA	P		Sampli MG	ng: HI		
Time sampling starts/ends:	13:30		0:00	Inspecto	r:	VI	MD No.	1
Environmental conditions:	1 C	Dry 2	Cloudy	3 Windy	4	5		
Summary samples	HIST	BA	M	G	VI	PA	Total San	nples
Add Fish/Pools - click								
Pool/Fish No								
Fish nos	1			-				_
Pool Group Species	RTR							
Average weight	400g							
Sex	N/A							
Water Type	FW							
ails	=							
Det	stm							
Stock Origin	Westmill							
Facility No	9							

10/2020 Additional Sample Information:												
0		Total Te	ests ass	ianed	0	•						
	I	rotar r		ignou	U	I						
	-									 	 	

FHI 059, Version 13		issued by: FHI			Date d	of issue	: 12/05/2020
Case Number:	2020-0431		Site No:	FS0577		Insp:	
Date of Visit	21/10/2020		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species		novements on from equivalent zone or neuliding third country	0	9	18	26	
	Number of sup		0	5	10	14	0
Movements off	Frequency of n	novements off	0	3	6	10	10
	Number of des		0	3	6	10	10
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or	ed (secure water supply through borehole)	0				
susceptible to same diseases)	Farm is on-line	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	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing ow	n fish (re-cycling risk)	1				
	Processing fish	n from MS of equivalent status	2				
	equivalent state		4				
	Ũ	n from Category III farm	8				
	Processing fish	n from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0				0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5	]			
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	]			0
	Feeding unpas	teurised feed	5				
Biosecurity	•	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites		from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							-
Practices in accordance	Yes		0				
with regulator or industry code of practice	No		3				3
Platform access to cages	Yes		0				0
	No		2				
					<b>Total</b> Rank		25 MEDIUM
							-

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2020-0431	Site No:	FS0577
Sea Lice Inspection (Seawater Sites Only)		
1. Has the site experienced sea lice problems in	the previous 4 years?	
2. Is the CoGP Farm Management Area (or equin		vear class basis?
<ol> <li>Does the site have access to a range of licence azamethiphos and emamectin benzoate) as well</li> <li>Is there a signed documented farm management</li> </ol>	ed in-feed and bath sea lice medications (ind I as access to suitable biological and/or mec	cluding deltamethrin, hanical control measures, and
Management Area (or equivalent)?		
5. Are sea lice count records available for inspec		
6. Do records adequately reflect the required sta	ndard specified in the SSI and the CoGP? (L	egal SSI, CoGP Annex 6)
7. Are sea lice ( <i>L. salmonis</i> ) record levels below records are inspected? (CoGP Annex 6)	the suggested criteria for treatment in the Co	oGP during the period that
8. Have average adult female sea lice (L. salmon	nis) numbers per fish been at a level of 3 or a	above (prior to w/b 10/6/19) or
If yes, have these been reported to the Fish Hea	Ith Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level which is a	considered to cause significant welfare proble	ems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments been administer suggested criteria for treatment or where <i>C. elon</i>		
11. Has any other action been taken (where app	licable)?	
12. Have therapeutic treatments or the actions ta	aken had a significant impact upon the lice le	vels recorded?
13. Are treatments, where conducted, carried ou	t in cooperation between participating farms?	?
14. Is there a harvesting strategy for the site, wh	ere fewer populations or part populations are	e held without treatment for
15. Is there a site specific written lice management	nt procedure with waypoints describing set a	actions to deal with recognised
16. Do the sea lice levels observed on stocks ref	lect sea lice count data? If no please detail r	easons.
Containment Inspection		
1. Has the site experienced equipment damage of	due to predators in the current or previous pr	roduction cycles?
2. Are measures in place to mitigate against the		-
Netting over ponds, screens at discharge po		·/
If other, detail below:		
3. Have escape incidents or events been experi	enced on or in the vicinity of the site since th	e last FHI inspection? N
If Yes proceed with questions 4 – 9. If No skip to	-	· · ·
4. Have these been reported to Scottish Minister	•	
5. Have these been reported to local DSFB forth		4.17)
6. Have these been reported to the SSPO and lo		
7. Were methods (if any) used to recover escape	ees? If yes give detail	
8. If gill nets were deployed was this action agree Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	ed with local wild fish interests and was perm	nission given by Scottish
9. What action was taken to prevent and minimis	e the risk of further escapes? (Not covered i	n code but could
be considered under satisfactory measures		
10. Is the site inspected as satisfactory with rega	· · · · · · · · · · · · · · · · · · ·	on(s) Y

Case No:	2020-0431			Date of visit:	21/10/2020	]				
Site No:	FS0577	]		Inspector:		I				
Results Summary	Freq.	Date of Notification								
		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	22/10/2020									

Report Summary			
Case Type	Date	Insp	2 <sup>nd</sup> Insp
ECI, CNI, VMD	22/10/2020		

# marine scotland science



Kindrochet Fish Farm St Fillans Perthshire

PH6 2JZ

## FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0070 SITE NO FS0577 INSPECTOR DATE OF VISIT 21/10/2020 SITE NAME Kindrochet Fish Farm CASE NO 20200431

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

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

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

#### Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

R04

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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

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

On this occasion the site was found to be satisfactory.

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

Signed:



Fish Health Inspector

Date: 22/10/2020

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

Issu	ed by: FHI	Date of issue: 12/05/2020
		Date of visit: 06/10/2020
hr	Main Insp	ector:
Site Name: Business Name:	Fearna Loch Striven Mussel Farms	s Ltd
23	4 5	6
Thermometer No:		FHI 045 completed
Region: ST	Water type: S	CoGP MA:
fish present? d?	N If yes, see additional in	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.
out intended visit detail rea	son below:	
	hr Site Name: Business Name: 2 3 Thermometer No: Region: ST fish present? d?	Site Name:       Fearna         Business Name:       Loch Striven Mussel Farm         2       3       4       5         2       3       4       5         Thermometer No:       5       5         Region:       ST       Water type:       S         fish present?       N       If yes, see additional i         d?       N       If yes, see additional i

#### Additional Case Information:

18 bags of mussel @1.2 tonnes inspected for export to Carlingford Lough, Eire. Totalling 21.6 tonnes. Shells did not have much fouling and no hitchhiker species observed. Consignment inspected at shorebase.

Certificate number MD20/068, Intra.GB.2020.0022669 issued. Low predation from ducks and starfish. Mortalities very low with empty shells dropping to the seabed on site.

FHI 059, Version 13			lssue	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2020-0433	Si	ite No:	SS0759				
Date of Visit:		06/10/2020			Inspector(s):			
Registration/Autho								
1. Business/site deta		/ checked by site	representat	tive?			Y	
2. Changes made to	details?						N	
Site Details (includ	e cleaner fi	sh for all sectior	ns)					
Total No facilities			acilities stoc	cked	28	No facilitie	es inspected	0
Species	MED	MED						
Age group	2019	2020						
No Fish	400t	10t						
Mean Fish Wt	30g	5g						
Next Fallow Date (S		N/A		Next Input Da		Spatfall 20		N
Recent (last 4 wks) of If yes, detail:	disease prop	lems?			Any escapes	(since last	visit)?	N
Movement Records 1. Movement record 2. Date of last inspect 3. Are records comp 4. Are movement records comp 6. Are health certificant Transport Records 1. Are any movement If yes, is there a system Mortality Records 1. Mortality records	ls available fo oction: blete and corr cords availab blete and corr cates for intro ates for intro nts carried ou tem in place	rectly entered? ble for dead fish a rectly entered? oductions (outwith ut by (or on behalf for maintenance o	l GB) availat	able? Isiness (not usi			01/10/2020	Y N/A N/A N/A
1. Mortality records a		•						Y
<ol> <li>How are mortalitie</li> <li>If other detail:</li> </ol>	· · · · · · · · · · · · · · · · · · ·				Other (detail)	)		
<ol> <li>3. Mortality records of</li> </ol>		Is fall to seabed	42					Y
4. Recent mortality (	•		othing obse	anyod				
5. Evidence of recen	` '			Iveu				N
If yes, facility nos/no		••		/reason:				
	monuny po		per laonity,	Toucon.				
6. Any other peaks in	n mortality d	uring period chec	ked?					N
If yes, detail:		01						
7. Have increased (u	unexplained)	mortalities been	reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	eported to FHI? If	no, enter c	details on mort	ality events sh	neet.		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?	
<ul> <li>Biosecurity Records <ol> <li>Biosecurity records available for inspection?</li> <li>Has the manner and frequency of mortality removal, recording and safe disposal been considered?</li> <li>Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> mortality at the site been included?</li> <li>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?</li> <li>Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?</li> </ol> </li> </ul>	
<ul> <li>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.)?</li> <li>7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?</li> <li>8. Have the biosecurity procedures been adequately implemented on site?</li> <li>If no, detail:</li> </ul>	
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).	N
Records checked between: 01/10/20 - 06/10/20	

Case No:	2020-0433	]		Date of visit:	06/10/2020	D		
Site No:	SS0759	]		Inspector:				
Results Summary	Freq.				ate of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
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	1							

Report Summary			
Case Type		Insp	2 <sup>nd</sup> Insp
MOV	11/11/2020		

# marine scotland science



Loch Striven Mussel Farms Ltd The Point Ardtaraig Estate Loch Striven Argyll PA23 8RG

### FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0530 SITE NO SS0759 INSPECTOR DATE OF VISIT06/10/2020SITE NAMEFearnaCASE NO20200433

#### Inspection for placing on the market in the EU

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

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

Signed:

Date: 11/11/2020

**Fish Health Inspector** 

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FHI 059, Version 13	lssu	ied by: FHI	Date of issue: 12/05/2020
Case No: 2020-0434			Date of visit: 07/10/2020
Time spent on site:	hr	Main Inspec	tor:
Site No:SS0759Business No:SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Farms L	.td
Case Types: 1 MOV	23	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: S	
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		N If yes, see additional info	ormation/clinical score sheet. ormation/clinical score sheet. ormation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail rea	ason below:	

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

18 bags of mussel @1.2 tonnes inspected for export to Carlingford Lough, Eire. Totalling 21.6 tonnes. Shells did not have much fouling and no hitchhiker species observed.

Certificate number MD20/069, Intra.GB.2020.0022670 issued. Low predation from ducks and starfish. Mortalities very low with empty shells dropping to the seabed on site.

FHI 059, Version 13			Issue	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2020-0434	S	Site No:	SS0759				
Date of Visit:		07/10/2020			Inspector(s):			
Registration/Autho	risation Det	ails						
1. Business/site deta	•	checked by site	representat	ive?			Y	
2. Changes made to	details?						N	
Site Details (includ	e cleaner fis	sh for all section	ns)					
Total No facilities			acilities stoc	ked	28	No facilitie	s inspected	0
Species	MED	MED						
Age group	2019	2020						
No Fish	~380t	10t						
Mean Fish Wt	30g	5g						
Next Fallow Date (Si		N/A		Next Input Da		Spatfall 20		
Recent (last 4 wks) o	disease prob	lems?		N	Any escapes	s (since last	visit)?	N
If yes, detail:								
<ol> <li>Movement records</li> <li>Date of last inspect</li> <li>Are records comp</li> <li>Are movement records comp</li> <li>Are records comp</li> <li>Are health certificat</li> <li>Transport Records</li> <li>Are any movement</li> <li>If yes, is there a system</li> <li>Mortality Records</li> <li>Mortality records and</li> </ol>	ction: olete and corr cords availab olete and corr ates for intro ates for intro tem in place	rectly entered? ole for dead fish a rectly entered? ductions (outwith ut by (or on beha for maintenance	n GB) availat If) of the bus	siness (not usi	- /		06/10/2020	Y Y N/A Y
2. How are mortalitie		•			Other (detail)			1
If other detail:	· · · · · · · · · · · · · · · · · · ·	s fall to seabed			Other (dotal)	)		
3. Mortality records of			-d?					Y
4. Recent mortality (	•		lothing obser	rved				
5. Evidence of recen	• •							N
If yes, facility nos/no				reason:				
6. Any other peaks in	n mortality du	uring period chec	cked?					N
If yes, detail:								
7. Have increased (u	unexplained)	mortalities been	reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	eported to FHI? I	f no, enter de	etails on morta	ality events sh	neet.		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	
1. 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	f 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 h	ligher
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to min	nimise
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: 06/10/20 - 07/10/20	

Case No:	2020-0434	]		Date of visit:	07/10/2020	]		
Site No:	SS0759	]		Inspector:		I		
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 <sup>nd</sup> Insp
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Report Summary	1	1	1					

Report Summary			
Case Type	Date	Insp	2 <sup>nd</sup> Insp
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# marine scotland science



Loch Striven Mussel Farms Ltd The Point Ardtaraig Estate Loch Striven Argyll PA23 8RG

### FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0530 SITE NO SS0759 INSPECTOR DATE OF VISIT07/10/2020SITE NAMEFearnaCASE NO20200434

#### Inspection for placing on the market in the EU

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

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

Signed:

Date: 11/11/2020

**Fish Health Inspector** 

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