FHI 059, Version 12	ls	sued by: FHI		Date of is	ssue: 08/10/2018
Case No: 2018-0510				Date of visit:	7/10/2018
Time spent on site:	.5 hrs		Main Inspecto	r: Pi	MM
Site No:FS0515Business No:FB0440	Site Name: Business Name:	North Papa Grieg Seafood	Shetland Ltd		
Case Types: 1 REP	2 REG 3	4	5	6	
Water Temp (°C): 10.6	Thermometer No:	T154		FHI 045 complet	ted
Observations:	Region: SH	Water type	e: S	CoGP MA:	S-11
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		N If yes, see	additional inform	nation/clinical sco nation/clinical sco nation/clinical sco	ore sheet.
UNI/REG only - if unable to carry	out intended visit detail r	eason below:			

Very poor weather at time of inspection, all cages accessible. Mortality numbers have dropped since targetted harvesting of cage 5. Cage 5 experienced 3,403 (16.57%) mortalites attributed to gill issues and anaemia. The decision was made to harvest the cage. Site mortality has now dropped and is below the reporting levels. The mortality numbers in cages 2 and 4 are slightly elevated and company are to monitor. Issues on site have been reported in the 2017 S0 stock and no issues reported in the 2018 S1 stock.

3 dead observed, not fresh dead, therefore not sampled. No moribund or lethargic fish observed and fish were deeper in the water, visibility was poor at times due to high winds (gusting to force 9).

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0510]	Site No:	FS0515	5			
Date of Visit:		17/10/201	8		Inspector(s)	PMM]
Registration/Author 1. Business/site deta 2. Changes made to	ails summar		site representa	ative?			Y N]
Site Details								
Total No facilities		10	Facilities sto	ocked	7	No facilitie	es inspected	7
Species	SAL	SAL						
Age group	2017 S0	2018 S1						
No Fish	~84,000	161,000						
Mean Fish Wt	~4 kg	1.7 kg						
Next Fallow Date (S	iite)	Autumn 201	19	Next Input Da	ate (Site)	2020 S1		
Recent (last 4 wks)	disease prob	olems?		Y	Any escapes	s (since last	visit)?	N
If yes, detail:	Gill issues,					X		
 Date of last inspe Are records comp Are movement re Are records comp Are health certific Transport Records Are any movement If yes, is there a syst Mortality Records 	blete and cor cords availablete and cor ates for intro nts carried o tem in place	ble for dead fi rectly entered oductions (out ut by (or on be for maintenar	sh and waste? ? with GB) availa ehalf) of the bu	able? usiness (not us			28/08/2018	Y Y N/A
1. Mortality records								Y
2. How are mortalitie If other detail:	es disposed	of?			Whole fish -	TWMA (Sh	etland)	
3. Mortality records	·	d correctly en	WK 39 - 6,3	73 (2.6%) for s		· •	· ·	Y K 41 1,724
4. Recent mortality (````			site - attributed	to gill issues	and anaem	a.	
5. Evidence of recer If yes, facility nos/nc				/reason:				Y
Cage 5 - WK 40 - 3,			con por raonity					
6. Any other peaks i			hecked?					N
If yes, detail: 7. Have increased (If yes, detail action:			•					N/A
8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.								Y

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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	
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).	
Records checked between: Sept 2018 to 16/10/18	

Case No:	2018-0510	Date of visit: 17/10/2018						
Site No:	FS0515]	Inspector: PMM					
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
REP, REG	11/12/2018	PMM	JET					
								
L		l						

marine scotland science



Grieg Seafood Shetland Ltd Gremista Lerwick Shetland ZE1 OPX

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO	FB0440	DATE OF VISIT	17/10/2018
SITE NO	FS0515	SITE NAME	North Papa
INSPECTOR	Paul McKay	CASE NO	20180510

The above site was visited following a report of increased mortality during week 40, attributed to complex gill issues, anaemia and post treatment losses. 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 information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

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

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

Signed:

Date: 11/12/2018

Fish Health Inspector

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

R10

Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB Tel - 0131 244 3498 Fax - 0131 244 0944 Email - <u>ms.fishhealth@gov.scot</u> Website - <u>www.gov.scot/Topics/marine/science</u>

FHI 059, Version 12	lssu	ed by: FHI		Date of issue: 08/10/2018
Case No: 2018-0514				Date of visit: 23/10/2018
Time spent on site:	hr]	Main Inspector	r: SAE
Site No: SS0035 Business No: SB0002	Site Name: Business Name:	South Drovinish Loch Fyne Oyst		
Case Types: 1 ECI	2 3	4	5	6
Water Temp (°C): 11	Thermometer No:	T205		FHI 045 completed
Observations:	Region: WI	Water type:	: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see a	additional inform	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail rea	ison below:		

Paperwork completed 23/10/2018, site visited on 24/10/2018 due to inclement weather conditions on 23/10/2018.

No movements on/off for ongrowing. Harvests recorded on separate paper copies.

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ue: 08/10/2018
Case No:	2018-0514]	Site No:	SS0035	; 			
Date of Visit:		23/10/2018			Inspector(s):	SAE		
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N]
Site Details Total No facilities Species	MED	2	Facilities sto	cked	1	No facilitie	es inspected	2
Age group No Fish	2018 spat unknown							
Mean Fish Wt	unknown							
Next Fallow Date (S	ite)	unplanned		Next Input Da	ate (Site)	natural sp	at fall	
Recent (last 4 wks) o If yes, detail:	disease probl	lems?		N	Any escapes	s (since last	visit)?	N/A
Movement Records	5							
 Movement record Date of last inspective Are records comp Are movement records comp Are records comp Are health certification 	ction: blete and corre cords availab blete and corre	ectly entered? le for dead fisl ectly entered?	h and waste?				02/11/2016	Y Y N/A N/A N/A
Transport Records								
1. Are any movement If yes, is there a system								
Mortality Records 1. Mortality records	available for i	inspection?						Y
2. How are mortalitie If other detail:			l on cito, omr	the challe fall to	Other (detail))		
 3. Mortality records of 4. Recent mortality (complete and	correctly ente	ered?	oty shells fall to s experienced				N/A
5. Evidence of recer	· · · ·			o enponente.	01. 0.10			N/A
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
6. Any other peaks in	n mortality du	urina period ch	ecked?					N/A
If yes, detail:								
7. Have increased (ulf yes, detail action:	inexplained)	mortalities bee	en reported to	o vet or FHI?				N/A
8. Have 'mortality ev	ents' been re	ported to FHI	? If no. add M	IRT case and e	enter on morta	ality events :	sheet.	N/A

1. Recent treatments (last 4 wks)?	
If yes, 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?	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 health status, certification if required)?	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	Y
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	
 Has any animal health surveillance been carried out by, or on behalf of, the business? If yes, are results available for inspection? 	N
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 2/11/2016-23/10/2018	

Issued by: FHI			Date	of issue: 08/	/10/20
2018-0514 Site No:	SS003	5			
23/10/2018 Inspector:	SAE				
			-		
•					
present, score for each pathogen		No	Yes		
Susceptible to Bonamia ostrea (OED)		0	25	0	
Susceptible to Marteilia refringens (OED, MED)		0	3	3	
Susceptible to OsHV (CGI)		0	3	0	
cursion	1	2-5	>6		
	-				
excursion	0	2	10	10	
ents					
	0	5	10	0	
Frequency of movements on from equivalent zone or					
	0			0	
Number of suppliers	0	5	10	0	
				I	
	0	1	2	0	
Number of destinations	0	3	0		
		<u> </u>		L	
		Secure	Unsecure		
		Secure	Unsecure	Ű	
	None	(effluent	(no effluent		
	None				
Depuration of stock from own sites within MSS	None	(effluent	(no effluent		
Depuration of stock from own sites within MSS management area	None 0	(effluent	(no effluent	0	
•		(effluent treatment)	(no effluent treatment)		
management area		(effluent treatment)	(no effluent treatment)		
management area Depuration of stock from other businesses sites within	0	(effluent treatment)	(no effluent treatment)	0	
management area Depuration of stock from other businesses sites within MSS management area	0	(effluent treatment)	(no effluent treatment)	0	
management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area	0 0 0	(effluent treatment)	(no effluent treatment) 2 6 8	0	
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 0 0 1	(effluent treatment) 1 2 4 2 or 3	(no effluent treatment) 2 6 8 ≥ 4	0	
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 0 0 1	(effluent treatment) 1 2 4 2 or 3 1	(no effluent treatment) 2 6 8 ≥ 4 2	0 0 0	
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 0 0 1	(effluent treatment) 1 2 4 2 or 3	(no effluent treatment) 2 6 8 ≥ 4	0 0 0	
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 0 0 1	(effluent treatment) 1 2 4 2 or 3 1	(no effluent treatment) 2 6 8 ≥ 4 2	0 0 0	
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 0 0 1	(effluent treatment) 1 2 4 2 or 3 1 1 1 1 1 2	(no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0	
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 0 0 1 0 0	(effluent treatment) 1 2 4 2 or 3 1 1 1 1 1 2	(no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0	
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 0 0 1 0 0	(effluent treatment) 1 2 4 2 or 3 1 1 Yes 0	(no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 2 5	
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 0 0 1 0 0	(effluent treatment) 1 2 4 2 or 3 1 1 Yes	(no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 2 5	
	e species on site s present = <u>LOW</u> risk resent, score for each pathogen Susceptible to Bonamia ostrea (OED) Susceptible to Marteilia refringens (OED, MED) Susceptible to OsHV (CGI) cursion Number of sites holding susceptible species within a tidal excursion ents Frequency of movements on from equivalent MS	e species on site s present = LOW risk resent, score for each pathogen Susceptible to Bonamia ostrea (OED) Susceptible to Marteilia refringens (OED, MED) Susceptible to OsHV (CGI) Summer of sites holding susceptible species within a tidal excursion 0 ents 0 Frequency of movements on from equivalent MS 0 Frequency of movements on from equivalent zone or compartment including third country 0 Number of suppliers 0 Frequency of movements off within MSS Management Areas 0	e species on site s present = LOW risk resent, score for each pathogen No Susceptible to Bonamia ostrea (OED) 0 Susceptible to Marteilia refringens (OED, MED) 0 Susceptible to OSHV (CGI) 0 cursion 1 2-5 Number of sites holding susceptible species within a tidal excursion 0 2 ents 0 1-2 Frequency of movements on from equivalent MS 0 5 Frequency of movements on from equivalent zone or compartment including third country 0 10 Number of suppliers 0 5 1 Frequency of movements off <u>within MSS Management Areas 0 1 1 Frequency of movements off <u>within MSS Management Areas 0 1 1 </u></u>	e species on site s present = LOW risk resent, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 Susceptible to Marteilia refringens (OED, MED) 0 3 Susceptible to OsHV (CGI) 0 2 Susceptible to OsHV (CGI) 0 3 Susceptible to OsHV (CGI) 0 2 Susceptible to OsHV (CGI) 0 2 10 Susceptible to OshOver of susceptible species within a tidal excursion 0 5 10 Securities 0 1 2 3 3 Frequency of movements on from equivalent zone or compartment including third country 0 10 20 Number of suppliers 0 5 10 3 10	e species on site No Yes Susceptible to Bonamia ostrea (OED) 0 25 0 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to OSHV (CGI) 0 3 0 sursion 1 2-5 >6 Number of sites holding susceptible species within a tidal excursion 0 2 10 10 sursion 0 1-2 >6 Number of sites holding susceptible species within a tidal excursion 0 1-2 >3 5 10 0 Tequency of movements on from equivalent MS 0 5 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0<

Case No:	2018-0514	Date of visit: 23/10/2018						
Site No:	SS0035	Inspector: SAE						
Results Summary	Freq.		Date of Notification					
Results Summary	i ieq.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	30/10/2018	SAE	ASM					

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 NOSB0002SITE NOSS0035INSPECTORSvenja Elwenn

DATE OF VISIT23/10/2018SITE NAMESouth DrovinishCASE NO20180514

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.

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

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Date: 30/10/2018

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

FHI 059, Version 12	lss	ued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0515			Date of visit: 23/10/2018
Time spent on site:	30 min	Main I	nspector: SAE
Site No: SS0145 Business No: SB0002	Site Name: Business Name:	Barraglom Loch Fyne Oysters Ltd	
Case Types: 1 REG	23	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: WI	Water type: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?		If yes, see addition	nal information/clinical score sheet. nal information/clinical score sheet. nal information/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detail re	ason below:	

Unable to access site due to inclement weather conditions. Full EC paperwork completed.

No movements on/off for ongrowing. Harvests recorded on separate paper copies.

FHI 059, Version 12			Issu	ied by: FHI			Date of issu	ue: 08/10/2018
Case No:	2018-0515		Site No:	SS014	5			
Date of Visit:		23/10/2018	3		Inspector(s)	: SAE]
Registration/Author 1. Business/site det 2. Changes made to	ails summar		ite representa	ative?			Y N]
Site Details		_	_			_		
Total No facilities		3	Facilities sto	ocked	3	No facilitie	es inspected	0
Species	MED	MED						
Age group	2015	2018						
No Fish	2 lines	1 line						
Mean Fish Wt	20g	unknown						
Next Fallow Date (S	ite)	unplanned		Next Input D	ate (Site)	natural sp	at fall	
Recent (last 4 wks)	disease prot	plems?		Ν	Any escape:	s (since last	visit)?	N/A
If yes, detail:								
Movement Record	s							
1. Movement record	ls available f	or inspection?						Y
2. Date of last inspe	ction:						02/11/2016	-
3. Are records comp	plete and cor	rectly entered	?					Y
4. Are movement re				?				N/A
5. Are records comp		-						N/A
6. Are health certific	ates for intro	oductions (outv	vith GB) availa	able?				N/A
Transport Records	;							
1. Are any moveme								
If yes, is there a sys	tem in place	for maintenan	ce of transpo	rtation records	\$?			
Mortality Records								
1. Mortality records		•						Y
2. How are mortalitie					Other (detai	l)		
If other detail:		es experience		Is fall to the se	abed			
3. Mortality records	•	d correctly ent			-			N/A
4. Recent mortality	````			es experienced	1			
5. Evidence of recei								N/A
If yes, facility nos/no	o mortality pe	er facility/no sto	ock per facility	/reason:				
6 Apy other peaks	n mortality d	uring pariod a	a akad2					N/A
6. Any other peaks i If yes, detail:			IECKEU!					
7. Have increased () mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	/ents' been r	eported to FHI	? If no, add M	IRT case and	enter on mort	ality events	sheet.	N/A

1. Recent treatments (last 4 wks)?	
If yes, detail:	
If other, detail: 2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
o. 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? 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: 02/11/2016-23/10/2018	

FHI 059, Version 12	Issued by: FHI			Date	e of issue: Ut	8/10/201
Case Number:	2018-0515 Site No:	SS014	5			
Date of Visit		SAE				
Number of Susceptil				•		
-	ies present = <u>LOW</u> risk					
	present, score for each pathogen		No	Yes		
	Susceptible to Bonamia ostrea (OED)		0	25	0	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3	
	Susceptible to OsHV (CGI)		0	3	0	
Sites within a tidal e	veursion	1	2-5	>6		
Site contacts		-				
One contacts	Number of sites holding susceptible species within a tidal excursion	0	2	10	10	
	•					
_ive shellfish moven		0	1-2	>3		
Movements on	Frequency of movements on from equivalent MS	0	5	10	0	
	Frequency of movements on from equivalent zone or					
	compartment including third country	0	10	20	0	
	Number of suppliers	0	5	10	0	
Novements off	Frequency of movements off within MCC Menoments					
	Frequency of movements off within MSS Management					
	Areas	0	1	2	0	
		0		2		
	Areas Frequency of movements off <u>outwith</u> MSS Management		1 3 3		0 0 0	
Management	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	0	
Management	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None 0	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None 0	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
Management practices Water contacts with depuration facilities	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment) 1 2	6 6 Unsecure (no effluent treatment) 2 6	0 0	
Management practices Water contacts with depuration facilities	Areas Frequency of movements off <u>outwith</u> MSS Management 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	0 0 None 0 0	3 3 Secure (effluent treatment) 1 2 4	6 6 Unsecure (no effluent treatment) 2 6 8	0 0	
Management practices Water contacts with depuration facilities Biosecurity	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8 2	0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off outwith MSS Management 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 Depuration of stock from sites outwith MSS management area Depuration of stock from sites outwith MSS management area Depuration of stock from sites outwith MSS management area Sites operating from single shorebase Sites sharing staff and equipment	0 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 0	
Management practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0 0	
Management practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off outwith MSS Management 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 Depuration of stock from sites outwith MSS management area Depuration of stock from sites outwith MSS management area Depuration of stock from sites outwith MSS management area Sites operating from single shorebase Sites sharing staff and equipment	0 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 0	

Case No:	2018-0515			Date of visit:	23/10/2018	l		
Site No:	SS0145	l		Inspector:	SAE	I		
Results Summary	Freq.			Dat	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
REG	30/10/2018	SAE	ASM					

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 NOSB0002SITE NOSS0145INSPECTORSvenja Elwenn

DATE OF VISIT23/10/2018SITE NAMEBarraglomCASE NO20180515

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.

On this occasion, the site inspection could not be conducted due to inclement weather conditions. This inspection will be rescheduled later in the year.

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.

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.

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: 30/10/2018

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

R14

FHI 059, Version 12	Issue	ed by: FHI		Date of issue: 08/10/2018
Case No: 2018-0516				Date of visit: 23/10/2018
Time spent on site:	hr]	Main Inspector	: SAE
Site No: SS0264 Business No: SB0002	Site Name: Business Name:	Miavaig Bay Loch Fyne Oyste	ers Ltd	
Case Types: 1 ECI 2	2 3] 4	5	6
Water Temp (°C): 11	Thermometer No:	T205		FHI 045 completed
Observations:	Region: WI	Water type:	: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see a	additional inform	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail reas	son below:		

Unable to access site due to inclement weather conditions on 23/10/2018. Full EC paperwork completed. Site inspected on 24/10/2018

No movements on/off for ongrowing. Harvests recorded on separate paper copies.

FHI 059, Version 12			lss	ued by: FHI			Date of issu	ue: 08/10/201	18
Case No:	2018-0516	3	Site No:	SS026	64				
Date of Visit:		23/10/201	8		Inspector(s)	: SAE]	
Registration/Author 1. Business/site det 2. Changes made to	ails summai		site represen	tative?			Y N]	
Site Details		_	_					_	
Total No facilities	-	5 lines	Facilities st	tocked	5 lines	No facilitie	es inspected	5	
Species	MED	MED	MED						
Age group	2015	2016	2017						
No Fish	3 lines	1 line	1 line						
Mean Fish Wt	20g	15-20g	10-15g						
Next Fallow Date (S	Site)	unplanned		Next Input D	Date (Site)	natural sp	oat fall		
Recent (last 4 wks)	disease pro	blems?			N Any escape	s (since last	visit)?	N/A	
If yes, detail:					,	(- 7		
Movement Record									
		for increation?	,						v
 Movement record Date of last inspectively 		ior inspection?					02/11/2016		-
3. Are records comp		rrectly entered	2				02/11/2010	1	Y
4. Are movement re		•		2				N/	Ā
5. Are records comp								N/	
6. Are health certific		-		ilable?				N/	
Transport Records		(
1. Are any moveme		out by (or on be	ehalf) of the b	ousiness (not u	sing a STB)?				
If yes, is there a sys									
Mortality Records									
1. Mortality records	available for	r inspection?							Y
2. How are mortaliti	es disposed	of?			Other (detail	il)			
If other detail:	no mortalit	ies observed,	empty shells	fall to the seab	ed				
3. Mortality records	complete ar	nd correctly en	tered?						Y
4. Recent mortality	(last 4 wks):		No mortalit	ies observed.					
5. Evidence of recei	nt increased	l/atypical morta	alities?					N/	A
If yes, facility nos/no	o mortality p	er facility/no st	ock per facilit	ty/reason:					
									^
6. Any other peaks i If yes, detail:	in mortality o	during period c	hecked?					N/	A
7. Have increased (unexplained	I) mortalities be	en reported	to vet or FHI2				N/	A
If yes, detail action:	unexplained		conrepondu					1.17	_
8. Have 'mortality ev	/ents' been	reported to FH	I? If no. add	MRT case and	enter on mor	ality events	sheet.	N/	A

1. Recent treatments (last 4 wks)?	
If yes, detail:	
If other, detail: 2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
o. 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 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?	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: 02/11/2016-23/10/2018	

-HI 059, Version 12	Issued by: FHI			Date	of issue: 08	3/10/201
Case Number:	2018-0516 Site No:	SS026	4			
Date of Visit	23/10/2018 Inspector:	SAE				
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	0	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3	
	Susceptible to OsHV (CGI)		0	3	0	
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	10	
Live shellfish moven	nents	0	1-2	>3		
Novements on	Frequency of movements on from equivalent MS	0	5	10	0	
	Frequency of movements on from equivalent zone or					
	compartment including third country	0	10	20	0	
	Number of suppliers	0	5	10	0	
Movements off						
viovements on	Frequency of movements off within MSS Management					
viovements on	Areas	0	1	2	0	
viovements on	Areas Frequency of movements off <u>outwith</u> MSS Management					
viovements on	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	1 3 3	2 6 6	0 0 0	
Management	Areas Frequency of movements off <u>outwith</u> MSS Management	0	3	6	0	
Management	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None 0	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None 0	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
Management practices Water contacts with depuration facilities	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment) 1 2	6 6 Unsecure (no effluent treatment) 2 6	0 0	
Management practices Water contacts with depuration facilities	Areas Frequency of movements off <u>outwith</u> MSS Management 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	0 0 None 0 0	3 3 Secure (effluent treatment) 1 2 4	6 6 Unsecure (no effluent treatment) 2 6 8	0 0	
Management practices Water contacts with depuration facilities Biosecurity	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None 0 0 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8 2	0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0 0	
Management practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0 0	
Management practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0 0	
Management practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 0 0 2 5	
Management practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 0	

Case No:	2018-0516			Date of visit:	23/10/2018			
Site No:	SS0264	l		Inspector:	SAE	I		
Results Summary	Freq.			Dat	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary	_		and a					
Case Type ECI	Date 30/10/2018	Insp	2 nd Insp ASM					
ECI	30/10/2010	SAE	ASIVI					

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 NOSB0002SITE NOSS0264INSPECTORSvenja Elwenn

DATE OF VISIT23/10/2018SITE NAMEMiavaig BayCASE NO20180516

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.

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.

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Signed:		
	Fish Health Inspector	

Date: 30/10/2018

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

R14

FHI 059, Version 12	Iss	ued by: FHI		Date of issue: 08/10/2018
Case No: 2018-0517				Date of visit: 23/10/2018
Time spent on site:	hr	3	Main Inspector	: SAE
Site No: SS0416 Business No: SB0002	Site Name: Business Name:	Loch Torranish Loch Fyne Oys	(Rubha Charma ters Ltd	aig)
Case Types: 1 ECI 2	2 3	4	5	6
Water Temp (°C): 11	Thermometer No:	T205		FHI 045 completed
Observations:	Region: WI	Water type	e: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?		N If yes, see	additional inform	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail re	ason below:		

Unable to access site due to inclement weather conditions on 23/10/2018. Full EC paperwork completed. Site inspected on 24/10/2018.

No movements on/off for ongrowing. Harvests recorded on separate paper copies.

FHI 059, Version 12			lss	ued by: FHI			Date of issu	ue: 08/10/201	8
Case No:	2018-0517		Site No:	SS041	6				
Date of Visit:		23/10/201	8		Inspector(s)	: SAE]	
Registration/Author 1. Business/site det 2. Changes made to	ails summar		site represen	tative?			Y N]	
Site Details			_			_			
Total No facilities		5 lines	Facilities st	tocked	5 lines	No facilitie	es inspected	5	
Species	MED	MED	MED						
Age group	2018	2015	2017						
No Fish	2 lines	2 lines	1 line						
Mean Fish Wt	unknown	20g	10-15g						
Next Fallow Date (S	ite)	unplanned		Next Input D	Date (Site)	natural sp	at fall		
Recent (last 4 wks)	disease prol	blems?			N Any escape	s (since last	visit)?	N/A	
If yes, detail:							,		
Movement Record	s								
1. Movement record		or inspection	2					· · ·	Y
2. Date of last inspe		or mopection	•				02/11/2016		-
3. Are records comp		rectly entered	12				02/11/2010		Y
4. Are movement re		•		?				N/a	a
5. Are records comp								N/A	
6. Are health certific		-		ilable?				N//	4
Transport Records		, ,	,						
1. Are any moveme		out by (or on b	ehalf) of the b	ousiness (not u	sing a STB)?				
If yes, is there a sys									
Mortality Records									
1. Mortality records	available for	inspection?						Y	ſ
2. How are mortalitie					Other (detail	il)			
If other detail:	no mortaliti	es observed,	empty shells	fall to the seab	ed				
3. Mortality records	•	d correctly er	itered?						Y
4. Recent mortality	(last 4 wks):		None obse	rved					
5. Evidence of recei	nt increased	atypical mort	alities?					N/A	٩
If yes, facility nos/no	o mortality pe	er facility/no st	tock per facili	ty/reason:					
									_
6. Any other peaks i	n mortality d	luring period o	checked?					N/A	٩
If yes, detail:) montalities b		to yet or EUIO				N//	~
7. Have increased (unexplained) mortalities b	een reported	to vet of FHI?				IN/F	1
If yes, detail action: 8. Have 'mortality ev	ents' heen r	eported to FL	II? If no. add	MRT case and	enter on mort	ality events	sheet	N//	4
				million ou			011001	1.1/1	100

1. Recent treatments (last 4 wks)?	
If yes, detail:	
If other, detail: 2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
o. 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 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?	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: 2/11/2016-23/10/2018	

FHI 059, Version 12	Issued by: FHI			Date	of issue: 08	8/10/201
Case Number:	2018-0517 Site No:	SS041	6			
Date of Visit	23/10/2018 Inspector:	SAE				
Number of Susceptik				-		
	ies present = <u>LOW</u> risk					
	present, score for each pathogen		No	Yes		
	Susceptible to Bonamia ostrea (OED)		0	25	0	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3	
	Susceptible to OsHV (CGI)		0	3	0	
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	10	
Live shellfish moven	ante	0	1-2	>3		
Novements on	Frequency of movements on from equivalent MS		5	10	0	
	Frequency of movements on from equivalent NS					
	compartment including third country	0	10	20	0	
	Number of suppliers	0	5	10	0	
		Ŭ		10		
Movements off	Frequency of movements off within MSS Management					
		0	1	2	0	
	Areas	0	1	2	0	
	Areas Frequency of movements off <u>outwith</u> MSS Management					
	Areas	0 0 0	1 3 3	2 6 6	0 0 0	
	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	0	
Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	0	
oractices	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	0	
Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None 0	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None 0	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
vater contacts with depuration facilities	Areas Frequency of movements off <u>outwith</u> MSS Management 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	0 0 None 0 0	3 3 Secure (effluent treatment) 1 2 4	6 6 Unsecure (no effluent treatment) 2 6 8	0 0 0	
Water contacts with depuration facilities	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None 0 0 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8 2	0 0 0	
Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0 0	
Water contacts with depuration facilities Biosecurity	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0	
Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0 0	
Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0 0	
depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 0 0 2 5	
Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 2 5	

Case No:	2018-0517	Date of visit: 23/10/2018							
Site No:	SS0416	Inspector: SAE							
Results Summary	Freq.	Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
Report Summary									
Case Type ECI	Date 30/10/2018	Insp	2 nd Insp ASM						
ECI	30/10/2016	SAE	ASIVI						



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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0002SITE NOSS0416INSPECTORSvenja Elwenn

DATE OF VISIT SITE NAME CASE NO

23/10/2018 Loch Torranish (Rubha Charmaig) 20180517

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.

No mortality had been observed on site since the last inspection by 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:		
	Fish Health Inspector	-

R14

Date: 30/10/2018

FHI 059, Version 12	Issu	ed by: FHI		Date of issue: 08/10/2018
Case No: 2018-0518				Date of visit: 23/10/2018
Time spent on site:	nr]	Main Inspector	: SAE
Site No: SS0492 Business No: SB0002	Site Name: Business Name:	Drovinish North Loch Fyne Oyste		
Case Types: 1 ECI 2	33] 4	5	6
Water Temp (°C): 11	Thermometer No:	T205		FHI 045 completed
Observations:	Region: WI	Water type:	: S	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:		

Unable to access site due to inclement weather conditions on 23/10/2018. Full EC paperwork completed. Site inspected on 24/10/2018.

No movements on/off for ongrowing. Harvests recorded on separate paper copies.

FHI 059, Version 12			lssu	ed by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0518]	Site No:	SS0492	2			
Date of Visit:		23/10/2018			Inspector(s):	SAE]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		te representa	ative?			Y N]
Site Details						_		
Total No facilities		3 lines	Facilities sto	ocked	3 lines	No facilitie	es inspected	3 lines
Species	MED	MED					Ļ	
Age group	2015	2018						
No Fish	2 lines	unknown						
Mean Fish Wt	20g	unknown						
Next Fallow Date (S	ite)	unplanned		Next Input Da	ate (Site)	natural sp	at fall	
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	(since last	visit)?	N/A
If yes, detail:								
Movement Records	S							
1. Movement record	s available fo	or inspection?						Y
2. Date of last inspe							02/11/2016	
3. Are records comp		•						N/A
4. Are movement re)				N/A
5. Are records comp								N/A
6. Are health certific	ates for intro	ductions (outwi	ith GB) availa	able?				N/A
Transport Records	•							
1. Are any movement								
If yes, is there a sys	tem in place	for maintenand	ce of transpor	rtation records	?			
Mortality Records								
1. Mortality records		•						Y
2. How are mortalitie					Other (detail)			
		es experienced		s fall to the sea	abed			N/A
 Mortality records Recent mortality (•			a abaam rad				IN/A
	````		no mortalitie	S ODServed				N/A
5. Evidence of recer If yes, facility nos/no		•••		reason:				IN/A
	monality per			/1645011.				
6. Any other peaks i	n mortality du	ring period ch	ecked?					N/A
If yes, detail:	<b>_</b>							
7. Have increased (	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, add M	IRT case and e	enter on morta	lity events a	sheet.	N/A

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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	Ŷ
aquaculture animals held on site?	V
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	I
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: 2/11/16-23/10/18	

Issued by: FHI			Date	e of issue: 08	3/10/201
2018-0518 Site No:	SS049	2			
23/10/2018 Inspector:	SAE				
			•		
present, score for each pathogen		No	Yes		
Susceptible to Bonamia ostrea (OED)		0	25	0	
Susceptible to Marteilia refringens (OED, MED)		0	3	3	
Susceptible to OsHV (CGI)		0	3	0	
cursion	1	2-5	>6		
excursion	0	2	10	10	
	0	4.0	. 2		
	0	5	10		
		10	20	0	
	-				
	U	0	10		
Frequency of movements off within MSS Management					
Areas	0	1	2	0	
Frequency of movements off outwith MSS Management					
Areas 3	0	3	6	0	
Number of destinations	0	3	6	0	
	0	5	0	0	
	None	Secure (effluent treatment)	Unsecure (no effluent treatment)	0	
		Secure (effluent	Unsecure (no effluent	0	
Depuration of stock from own sites within MSS	None	Secure (effluent treatment)	Unsecure (no effluent treatment)		
Depuration of stock from own sites within MSS management area		Secure (effluent	Unsecure (no effluent	0	
Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	None 0	Secure (effluent treatment) 1	Unsecure (no effluent treatment) 2	0	
Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area	None 0	Secure (effluent treatment)	Unsecure (no effluent treatment)		
Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	None 0	Secure (effluent treatment) 1	Unsecure (no effluent treatment) 2	0	
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>None</b> 0 0 0	Secure (effluent treatment) 1 2 4	Unsecure (no effluent treatment)	0	
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	
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	<b>None</b> 0 0 0	Secure (effluent treatment) 1 2 4 2 or 3 1	Unsecure (no effluent treatment)	0	
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 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	
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	
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	Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0	
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 0	Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 2 5	
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	0 0 0 2 5	
	2018-0518       Site No:         23/10/2018       Inspector:         le species on site       Inspector:         es present = LOW risk       Desent, score for each pathogen         Susceptible to Bonamia ostrea (OED)       Susceptible to Marteilia refringens (OED, MED)         Susceptible to OSHV (CGI)       Susceptible to OSHV (CGI)         cursion       Ents         Frequency of movements on from equivalent MS         Frequency of movements on from equivalent zone or compartment including third country         Number of suppliers         Frequency of movements off within MSS Management Areas	2018-0518       Site No:       SS049         23/10/2018       Inspector:       SAE         Is species on site       Ses present = LOW risk       Ses present = LOW risk         present, score for each pathogen       Susceptible to Bonamia ostrea (OED)       Susceptible to Marteilia refringens (OED, MED)         Susceptible to OSHV (CGI)       Susceptible to OSHV (CGI)       1         Number of sites holding susceptible species within a tidal excursion       0         ents       0         Frequency of movements on from equivalent MS       0         Frequency of movements on from equivalent zone or compartment including third country       0         Number of suppliers       0         Frequency of movements off within MSS Management Areas       0         Frequency of movements off outwith MSS Management Areas       0	2018-0518Site No:SS049223/10/2018Inspector:SAEInspector:SAEIs species on site es present = LOW risk present, score for each pathogenNoSusceptible to Bonamia ostrea (OED)0Susceptible to Bonamia ostrea (OED)0Susceptible to Marteilia refringens (OED, MED)0Cursion12-5Number of sites holding susceptible species within a tidal excursion02ents01-2Frequency of movements on from equivalent MS05Frequency of movements on from equivalent zone or compartment including third country010Number of suppliers05Frequency of movements off within MSS Management Areas01Frequency of movements off within MSS Management Areas03	2018-0518Site No:SS049223/10/2018Inspector:SAEInspectes on site as present = LOW risk present, score for each pathogenas present = LOW risk present, score for each pathogenNoYesYesSusceptible to Bonamia ostrea (OED)0Susceptible to Marteilia refringens (OED, MED)0Susceptible to OSHV (CGI)0Susceptible to OSHV (CGI)0Number of sites holding susceptible species within a tidal excursion0210Prequency of movements on from equivalent MS0510Frequency of movements on from equivalent zone or compartment including third country001020Number of suppliers0571072010201020102010201020102010201020102010201020102010201020102010201020102010201020102010201020102010201020102010201020102010	2018-0518       Site No:       SS0492         23/10/2018       Inspector:       SAE         23/10/2018       Inspector:       SAE         es present = LOW risk poresent, score for each pathogen       No       Yes         Susceptible to Bonamia ostrea (OED)       0       25       0         Susceptible to Marteilia refringens (OED, MED)       0       3       3         Susceptible to OsHV (CGI)       0       3       0         cursion       1       2-5       >6         Number of sites holding susceptible species within a tidal excursion       0       2       10       10         ents       0       1-2       >3       5       10       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0

FHI 059, Version 12

Case No:	2018-0518	Date of visit: 23/10/2018						
Site No:	SS0492	Inspector: SAE						
Results Summary	Freq.							
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary	_		and a					
Case Type ECI	Date 30/10/2018	Insp	2 nd Insp ASM					
ECI	30/10/2010	SAE	ASIVI					



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

## FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0002SITE NOSS0492INSPECTORSvenja Elwenn

DATE OF VISIT23/10/2018SITE NAMEDrovinish NorthCASE NO20180518

#### 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.

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



Date: 30/10/2018

FHI 059, Version 12	Issue	ed by: FHI		Date of issue: 08/10/2018
Case No: 2018-0519				Date of visit: 23/10/2018
Time spent on site:	hr	] '	Main Inspector	: SAE
Site No:SS0684Business No:SB0002	Site Name: Business Name:	Clitasay Loch Fyne Oyste	rs Ltd	
Case Types: 1 ECI	2 3	4	5	6
Water Temp (°C): 11	Thermometer No:	T205		FHI 045 completed
Observations:	Region: WI	Water type:	S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see a	dditional inform	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail reas	son below:		

Unable to access site due to inclement weather conditions on 23/10/18. Full EC paperwork completed. Site inspected 24/10/2018.

No movements on/off for ongrowing. Harvests recorded on separate paper copies.

FHI 059, Version 12			Issu	ied by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0519		Site No:	SS0684	ŀ			
Date of Visit:		23/10/2018	3		Inspector(s):	SAE		]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	]
<b>Site Details</b> Total No facilities Species	MED	6 lines MED	Facilities sto	ocked	6 lines	No facilitie	es inspected	6
Age group	2017	2018						
No Fish	3 lines	3 lines						
Mean Fish Wt	10-15g	unknown						
Next Fallow Date (S	ite)	unplanned		Next Input Da	ate (Site)	natural sp	at fall	
Recent (last 4 wks) If yes, detail:	disease prot	olems?		Ν	Any escapes	s (since last	visit)?	N/A
Movement Records 1. Movement records 2. Date of last inspective 3. Are records composed 4. Are movement ressonance 5. Are records composed 6. Are health certific	ls available fo ction: blete and cor cords availal blete and cor ates for intro	rectly entered ole for dead fis rectly entered	sh and waste? ?				02/11/2016	Y N/A N/A N/A
Transport Records				. , ,				
1. Are any movement If yes, is there a sys								
Mortality Records								
1. Mortality records		•						Y
2. How are mortalitie If other detail:			mantu aballa fu	all to the each	Other (detail	)		
3. Mortality records				all to the seabe	eu			N/A
4. Recent mortality (	•		no mortalitie	s observed				
5. Evidence of recer	· · ·	atypical morta						N/A
If yes, facility nos/no		••		/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 FHI2				N/A
If yes, detail action:	anoxpianiou)							
8. Have 'mortality ev	vents' been re	eported to FHI	? If no, add M	IRT case and	enter on morta	ality events a	sheet.	N/A

1. Recent treatments (last 4 wks)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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 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?	Ν
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: 02/11/2016 -23/10/2018	

FHI 059, Version 12	Issued by: FHI			Date	of issue: 08
Case Number:	2018-0519 Site No:	SS068	34		
Date of Visit	23/10/2018 Inspector:	SAE		]	
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	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	0
Sites within a tidal e	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal	1			
	excursion	0	2	10	10
_ive shellfish moven	nents	0	1-2	>3	
Novements on	Frequency of movements on from equivalent MS		5		0
novements on					— Ť
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	0
		0	5	10	0
	Number of suppliers	0	5	10	0
Movements off	Frequency of movements off within MSS Management				
	Areas	0	1	2	0
	Frequency of movements off outwith MSS Management				
	Areas	0	3	6	0
	Number of destinations	0	3	6	0
		•			
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
-	Dopuration of stack from own sites within MSS	None	(effluent	(no effluent	
oractices	Depuration of stock from own sites within MSS		(effluent treatment)	(no effluent treatment)	0
Water contacts with	management area	None 0	(effluent	(no effluent	0
Water contacts with	management area Depuration of stock from other businesses sites within	0	(effluent treatment)	(no effluent treatment)	
Water contacts with	management area Depuration of stock from other businesses sites within MSS management area	0	(effluent treatment)	(no effluent treatment)	0
Water contacts with	management area Depuration of stock from other businesses sites within	0	(effluent treatment)	(no effluent treatment)	
vater contacts with depuration facilities	management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management	0	(effluent treatment)	(no effluent treatment)	0
Water contacts with depuration facilities	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	(effluent treatment)	(no effluent treatment)	0
Water contacts with depuration facilities	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 0 0 1	(effluent treatment) 1 2 4 2 or 3	(no effluent treatment) 2 6 8 ≥4	0
vater contacts with depuration facilities	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 0 0 1 0	(effluent treatment) 1 2 4 2 or 3 1 1 1	(no effluent treatment) 2 6 8 ≥ 4 2 5	0
Water contacts with depuration facilities	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 0 0 1 0	(effluent treatment) 1 2 4 2 or 3 1	(no effluent treatment) 2 6 8 ≥ 4 2	0
Water contacts with depuration facilities	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 0 0 1 0 0	(effluent treatment) 1 2 4 2 or 3 1 1 1	(no effluent treatment) 2 6 8 ≥ 4 2 5	0
Water contacts with depuration facilities	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 0 0 1 0 0	(effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	(no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 2 5
Water contacts with depuration facilities	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 0 0 1 0 0	(effluent treatment) 1 2 4 2 or 3 1 1 Yes	(no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 2 5

FHI 059, Version 12

Case No:	2018-0519	Date of visit: 23/10/2018						
Site No:	SS0684	Inspector: SAE						
Results Summary	Freq.	Date of Notification						
Country Community	1104.	Database	Insp		Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	30/10/2018	SAE	ASM					
	ļ							



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

## FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0002SITE NOSS0684INSPECTORSvenja Elwenn

DATE OF VISIT23/10/2018SITE NAMEClitasayCASE NO20180519

#### 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.

No mortality had been observed on site since the last inspection by 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: Fish Health Inspector

R14

Date: 30/10/2018

FHI 059, Version 12	Iss	ued by: FHI		Date of issue: 08/10/2018
Case No: 2018-0520				Date of visit: 23/10/2018
Time spent on site:	nr		Main Inspector	: SAE
Site No: SS0685 Business No: SB0002	Site Name: Business Name:	Hacklete Loch Fyne Oyst	ers Ltd	
Case Types: 1 ECI 2	2 3	4	5	6
Water Temp (°C): 11	Thermometer No:			FHI 045 completed
Observations:	Region: WI	Water type	: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see	additional inform	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail re	ason below:		

Unable to access site due to inclement weather conditions on 23/10/2018. Full EC paperwork completed. Site inspected 24/10/2018.

No movements on/off for ongrowing. Harvests recorded on separate paper copies.

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ue: 08/10/2018
Case No:	2018-0520	]	Site No:	SS0685	5			
Date of Visit:		23/10/2018	J		Inspector(s)	SAE		]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	]
Site Details Total No facilities Species Age group No Fish Mean Fish Wt	MED 2018 spat unknown unknown	2 lines	Facilities sto	ocked	1 line	No facilitie	es inspected	2
Next Fallow Date (S	ite)	unplanned		Next Input Da	ate (Site)	natural sp	at fall	
Recent (last 4 wks) If yes, detail:	disease prob	lems?		Ν	Any escapes	s (since last	visit)?	N/A
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	s available fo ction: blete and corr cords availab blete and corr	ectly entered? le for dead fis ectly entered?	h and waste?				02/11/2016	Y N/A N/A N/A
Transport Records								
1. Are any movement If yes, is there a syst								
Mortality Records 1. Mortality records a 2. How are mortalitie	available for i	inspection? of?	·		Other (detail	)		Y
If other detail: 3. Mortality records		s fall to the sea correctly ente						Y
4. Recent mortality (	last 4 wks):		no mortalitie	s observed				
5. Evidence of recer If yes, facility nos/no		• •		r/reason:				N/A
6. Any other peaks i	n mortality du	uring period ch	ecked?					N/A
If yes, detail: 7. Have increased (				o vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add N	IRT case and	enter on mort	ality events	sheet.	N/A

1. Recent treatments (last 4 wks)?	
If yes, 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?	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 health status, certification if required)?	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	Y
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	
<ol> <li>Has any animal health surveillance been carried out by, or on behalf of, the business?</li> <li>If yes, are results available for inspection?</li> </ol>	N
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 2/11/2016-23/10/2018	

FHI 059, Version 12	Issued by: FHI			Date	of issue: 08	8/10/201
Case Number:	2018-0520 Site No:	SS068	5			
Date of Visit		SAE				
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	0	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3	
	Susceptible to OsHV (CGI)		0	3	0	
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	10	
Live shellfish moven	nents	0	1-2	>3		
Movements on	Frequency of movements on from equivalent MS		5	10	0	
Novements on	Frequency of movements on from equivalent we	Ŭ	•			
	compartment including third country	0	10	20	0	
	Number of suppliers	0	5	10	0	
		Ŭ	•			
Movements off	Frequency of movements off within MSS Management					
Movements off	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	0	
Novements off	Areas Frequency of movements off <u>outwith</u> MSS Management					
Movements off	Areas	0 0 0	1 3 3	2 6 6	0 0 0	
Management	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	0	
Management	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
<b>Janagement</b> practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 <b>None</b> 0	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
<b>Management</b> practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 <b>None</b> 0	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
Management practices Water contacts with depuration facilities	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment) 1 2	6 6 Unsecure (no effluent treatment) 2 6	0 0	
Management practices Water contacts with depuration facilities	Areas Frequency of movements off <u>outwith</u> MSS Management 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	0 0 <b>None</b> 0 0	3 3 Secure (effluent treatment) 1 2 4	6 6 Unsecure (no effluent treatment) 2 6 8	0 0	
Management practices Water contacts with depuration facilities Biosecurity	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8 2	0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0 0	
depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 0 0 2 5	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 0	

FHI 059, Version 12

Case No:	2018-0520			Date of visit:	23/10/2018	l		
Site No:	SS0685	1		Inspector:	SAE	I		
Results Summary	Freq.			Da	te of Notifica	tion		
	·	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary			- nd -					
Case Type ECI	Date 30/10/2018	Insp SAF	2 nd Insp ASM					
	00/10/2010	UAL						



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

## FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0002SITE NOSS0685INSPECTORSvenja Elwenn

DATE OF VISIT23/10/2018SITE NAMEHackleteCASE NO20180520

#### 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.

No mortality had been observed on site since the last inspection by 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: Fish Health Inspector

Date: 30/10/2018

FHI 059, Version 12	ŀ	ssued by: FHI	Date of issue: 08	/10/2018
Case No: 2018-0521			Date of visit: 23/10/20	18
Time spent on site: 30	0 min	Main	Inspector: SAE	
Site No:SS0687Business No:SB0002	Site Name: Business Name:	Glas Eilean (Linngear Loch Fyne Oysters Lte	,	
Case Types: 1 REG	23	4 5	6	
Water Temp (°C):	Thermometer No:		FHI 045 completed	
Observations:	Region: WI	Water type: S	CoGP MA:	
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		If yes, see addition	onal information/clinical score sheet onal information/clinical score sheet onal information/clinical score sheet	t.
UNI/REG only - if unable to carry	out intended visit detail	reason below:		_

Unable to access site due to inclement weather conditions. Full EC paperwork completed. No movements on/off for ongrowing. Harvests recorded on separate paper copies.

FHI 059, Version 12		Issue	ed by: FHI			Date of issu	ie: 08/10/2018
Case No: 2	2018-0521	Site No:	SS0687	]			
Date of Visit:	23/10/2018	]		Inspector(s):	SAE		
Registration/Authori 1. Business/site detail 2. Changes made to c	ls summary checked by s	ite representa	itive?			Y N	]
Site Details		_			_		·
Total No facilities	2 lines	Facilities sto	cked	0	No facilitie	s inspected	0
	allow	<u> </u>	<b></b>	<u> </u>			
Age group No Fish					<u> </u>		
Mean Fish Wt							
Next Fallow Date (Site	e) N/A	<b>I</b>	Next Input Da	ate (Site)	2019/2020		
Next I allow Date (Old	2) IN/A		Next Input Da		2013/2020		
Recent (last 4 wks) dis	sease problems?		N/A	Any escapes	(since last	visit)?	N/A
If yes, detail:			-				
Movement Records							
1. Movement records	available for inspection?						Y
2. Date of last inspect	•					02/11/2016	
3. Are records comple	ete and correctly entered?	<b>,</b>					Y
	ords available for dead fis						N/A
	ete and correctly entered?						N/A
6. Are health certificat	tes for introductions (outw	/ith GB) availa	able?				N/A
Transport Records							
1. Are any movements	s carried out by (or on be	half) of the bu	isiness (not usi	ing a STB)?			
If yes, is there a syste	m in place for maintenan	ce of transpor	tation records?	?			
Mortality Records							
1. Mortality records av	vailable for inspection?						Y
2. How are mortalities	disposed of?			Other (detail)			
	empty shells fall to seabed						
•	omplete and correctly enter						Y
4. Recent mortality (la	,	No mortalitie	s observed				
	increased/atypical mortal						N/A
If yes, facility nos/no n	nortality per facility/no sto	ck per facility/	reason:				
6 Any other peaks in	mortality during pariod at	ackad2					N/A
If yes, detail:	mortality during period ch	leckeu?					
	nexplained) mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:	· · · · · · · · · · · · · · · · · · ·						
	nts' been reported to FHI	? If no, add M	RT case and e	enter on morta	lity events s	sheet.	N/A

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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?	Ŷ
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.)?	V
7. Is documentation available regarding the measures in place to maintain the physical containment of	ř
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: 2/11/16-23/10/18	

Issued by: FHI			Date	of issue: 0	8/10/201
2018-0521 Site No:	SS068	7			
23/10/2018 Inspector:	SAE				
ble species on site			•		
present, score for each pathogen		No	Yes		
Susceptible to Bonamia ostrea (OED)		0	25	0	
Susceptible to Marteilia refringens (OED, MED)		0	3	3	
Susceptible to OsHV (CGI)		0	3	0	
xcursion	1	2-5	>6		
excursion	0	2	10	10	
	0	1_2			•
				0	1
	0	U	10		
	0	10	20	0	
	-				
	0	5	10		
Frequency of movements off within MSS Management	0	1	2	0	
	0	1	2	0	
IF requency of movements off outwith MSS Management					
	~	•	0	0	
Areas	0	3	6	0	
Areas Number of destinations	0	3 Secure (effluent	6 Unsecure (no effluent		
Areas Number of destinations Depuration of stock from own sites within MSS	0 None	3 Secure (effluent treatment)	6 Unsecure (no effluent treatment)	0	
Areas Number of destinations Depuration of stock from own sites within MSS management area	0	3 Secure (effluent	6 Unsecure (no effluent		
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	
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	3 Secure (effluent treatment)	6 Unsecure (no effluent treatment)	0	
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	
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	0 None 0 0	3 Secure (effluent treatment) 1 2 4	6 Unsecure (no effluent treatment) 2 6 8	0 0 0	
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	0 0 0	
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	0 0 0 0	
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	0 0 0 0	
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 2 or 3 1	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0	
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	0 0 0 0	
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	0 0 0 0 0 2 5	
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	0 0 0 0 0	
	2018-0521       Site No:         23/10/2018       Inspector:         De species on site       es present = LOW risk         present, score for each pathogen       Susceptible to Bonamia ostrea (OED)         Susceptible to Marteilia refringens (OED, MED)       Susceptible to OsHV (CGI)         ccursion       Number of sites holding susceptible species within a tidal excursion         Pents       Frequency of movements on from equivalent MS         Frequency of movements on from equivalent zone or compartment including third country         Number of suppliers	2018-0521       Site No:       SS068         23/10/2018       Inspector:       SAE         Despecies on site       es present = LOW       risk         present, score for each pathogen       Susceptible to Bonamia ostrea (OED)       Susceptible to Marteilia refringens (OED, MED)         Susceptible to OsHV (CGI)       Susceptible to OsHV (CGI)       1         Number of sites holding susceptible species within a tidal excursion       0         Frequency of movements on from equivalent MS       0         Frequency of movements on from equivalent zone or compartment including third country       0         Number of suppliers       0	2018-0521       Site No:       SS0687         23/10/2018       Inspector:       SAE         Despecies on site         es present = LOW risk         present, score for each pathogen       No         Susceptible to Bonamia ostrea (OED)       0         Susceptible to Marteilia refringens (OED, MED)       0         Susceptible to OSHV (CGI)       0         ccursion       1       2-5         Number of sites holding susceptible species within a tidal excursion       0       2         Frequency of movements on from equivalent MS       0       5         Frequency of movements on from equivalent Zone or compartment including third country       0       10         Number of suppliers       0       5       5	2018-0521Site No:SS068723/10/2018Inspector:SAEDespecies on site es present = LOW risk present, score for each pathogenpresent, score for each pathogenNoYesSusceptible to Bonamia ostrea (OED)025Susceptible to Marteilia refringens (OED, MED)03Susceptible to OSHV (CGI)03ccursion12-5Number of sites holding susceptible species within a tidal excursion0212-5>6Number of sites holding susceptible species within a tidal excursion01-2Prequency of movements on from equivalent MS0510Frequency of movements on from equivalent zone or compartment including third country01020Number of suppliers0510Frequency of movements off within MSS Management Areas012	2018-0521       Site No:       SS0687         23/10/2018       Inspector:       SAE         ble species on site       es present = LOW risk         present = LOW risk       0       25         present, score for each pathogen       No       Yes         Susceptible to Bonamia ostrea (OED)       0       25       0         Susceptible to Marteilia refringens (OED, MED)       0       3       3         Susceptible to OSHV (CGI)       0       3       0         ccursion       1       2-5       >6         Number of sites holding susceptible species within a tidal excursion       0       2       10         nents       0       1-2       >3       7         Frequency of movements on from equivalent MS       0       5       10       0         Number of suppliers       0       5       10       0       0         Frequency of movements on from equivalent MS       0       5       10       0       0         Frequency of movements on from equivalent Zone or compartment including third country       0       10       20       0         Number of suppliers       0       5       10       0       0

FHI 059, Version 12

Case No:	2018-0521			Date of visit:	23/10/2018			
Site No:	SS0687			Inspector:	SAE			
Results Summary	Freq.			Dat	te of Notificat	tion		
Results Summary	i ieq.	Database	Insp		Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type REG	Date	Insp	2 nd Insp					
REG	31/10/2018	SAE	ASM					



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

## FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0002SITE NOSS0687INSPECTORSvenja Elwenn

DATE OF VISIT23/10SITE NAMEGlasCASE NO20180

23/10/2018 Glas Eilean (Linngeam) 20180521

#### 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.

On this occasion, the site was reported to be fallow and the site inspection could not be conducted due to inclement weather conditions. This inspection will be rescheduled later in the year.

#### 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.

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

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

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

Signed: Fish Health Inspector

Date: 31/10/2018

FHI 059, Version 12	ls	ssued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0522			Date of visit: 23/10/2018
Time spent on site:	30 min	Main Inspe	ector: SAE
Site No:SS0747Business No:SB0002	Site Name: Business Name:	Buckle Point Loch Fyne Oysters Ltd	
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: WI	Water type: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	• •	If yes, see additional in	formation/clinical score sheet. formation/clinical score sheet. formation/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detail	reason below:	

Unable to access site due to inclement weather conditions. Full EC paperwork completed.

No movements on/off for ongrowing. Harvests recorded on separate paper copies.

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0522	]	Site No:	SS0747	7			
Date of Visit:		23/10/2018	]		Inspector(s)	SAE		]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	]
<b>Site Details</b> Total No facilities Species Age group	MED 2017	1 line	Facilities sto	ocked	1 line	No facilitie	es inspected	0
No Fish	1 line							
Mean Fish Wt	10-15g							
Next Fallow Date (S	ite)	unplanned		Next Input Da	ate (Site)	natural sp	at fall	
Recent (last 4 wks) If yes, detail:	disease prob	lems?		Ν	Any escapes	s (since last	visit)?	N/A
Movement Records 1. Movement records 2. Date of last inspect 3. Are records comp 4. Are movement records comp 5. Are records comp 6. Are health certifice Transport Records 1. Are any movement	Is available for oction: olete and corr cords availat olete and corr ates for intro of nts carried ou	rectly entered? ble for dead fis rectly entered? ductions (outw ut by (or on bel	h and waste? vith GB) availa half) of the bu	able? usiness (not us			02/11/2016	Y N/A N/A N/A
If yes, is there a sys	tem in place	for maintenan	ce of transpo	rtation records	?			
Mortality Records 1. Mortality records 2. How are mortalitie If other detail:	es disposed o	of?			Other (detail	)		Y
3. Mortality records		s fall to the sea d correctly ente						Y
4. Recent mortality (	•	•	no mortalitie	s observed				
5. Evidence of recer	nt increased/a		L					N/A
If yes, facility nos/no	o mortality pe	r facility/no sto	ck per facility	/reason:				
		· · · ·	1 10					N1/A
<ol> <li>Any other peaks i If yes, detail:</li> </ol>	n mortality di	uring period ch	ecked?					N/A
7. Have increased (	unexplained)	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, add M	IRT case and	enter on morta	ality events a	sheet.	N/A

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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.)?	V
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: 2/11/2016-23/10/2018	

FHI 059, Version 12	Issued by: FHI			Date	of issue: 08
Case Number:	2018-0522 Site No:	SS074	7		
Date of Visit	23/10/2018 Inspector:	SAE		]	
Number of Susceptil	ble species on site				
	ies present = <u>LOW</u> risk				
susceptible species	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	0
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	10
_ive shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent rice				$ \rightarrow$
	compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Movements off	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	0
	Frequency of movements off outwith MSS Management				
	Areas	0	3	6	0
	Number of destinations	0	3	6	0
		0	Ŭ	Ŭ	
Management practices		None	Secure (effluent	Unsecure (no effluent treatment)	
Water contacts with			Secure (effluent	Unsecure (no effluent	
oractices	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 management area Depuration of stock from other businesses sites within	None 0	Secure (effluent treatment) 1	Unsecure (no effluent treatment) 2	
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)	Unsecure (no effluent treatment)	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 Depuration of stock from sites outwith MSS management	<b>None</b> 0	Secure (effluent treatment) 1 2	Unsecure (no effluent treatment) 2 6	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	
Water contacts with	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	<b>None</b> 0	Secure (effluent treatment) 1 2	Unsecure (no effluent treatment) 2 6	0
vater 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	Secure (effluent treatment) 1 2 4	Unsecure (no effluent treatment) 2 6 8	0
Water contacts with depuration facilities Biosecurity	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 8 ≥ 4	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	Secure (effluent treatment) 1 2 4 2 or 3 1	Unsecure (no effluent treatment) 2 6 8 ≥ 4 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> Sites operating from single shorebase	None 0 0 0 1 0	Secure (effluent treatment) 1 2 4 2 or 3 1 1	Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	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	Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	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 1 Yes 0	Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 2 5
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	0 0 2 5

Case No:	2018-0522			Date of visit:	23/10/2018	l				
Site No:	SS0747			Inspector:	SAE	I				
Results Summary	Freq.	Date of Notification								
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
Report Summary										
Case Type	Date	Insp	2 nd Insp							
REG	02/11/2018	SAE	ASM							

# 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 NOSB0002SITE NOSS0747INSPECTORSvenja Elwenn

DATE OF VISIT23/10/2018SITE NAMEBuckle PointCASE NO20180522

### 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.

On this occasion, the site inspection could not be conducted due to inclement weather conditions. This inspection will be rescheduled later in the year.

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.

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.

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



Date: 02/11/2018

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

FHI 059, Version 12	Issue	ed by: FHI	Date of issue: 08/10/2018					
Case No: 2018-0523			Date of visit: 23/10/2018					
Time spent on site:	hr	Main Insp	pector: SAE					
Site No:SS0752Business No:SB0002	Site Name: Business Name:	Eilean nam Feannag Loch Fyne Oysters Ltd						
Case Types: 1 ECI 2	33	45	6					
Water Temp (°C): 11	Thermometer No:	T205	FHI 045 completed					
Observations:	Region: WI	Water type: S	CoGP MA:					
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	· · · · · · · · · · · · · · · · · · ·	N If yes, see additional	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.					
UNI/REG only - if unable to carry	UNI/REG only - if unable to carry out intended visit detail reason below:							

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

Unable to access site due to inclement weather conditions on 23/10/2018. Full EC paperwork completed. Site inspected on 24/10/2018.

No movements on/off for ongrowing. Harvests recorded on separate paper copies.

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0523	]	Site No:	SS0752	2			
Date of Visit:		23/10/2018	3		Inspector(s)	SAE		]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	]
Site Details Total No facilities		3 lines	Facilities sto	ocked	3 lines	No facilitie	es inspected	3
Species	MED 2017	MED 2018						
Age group No Fish	2017 2 lines	1 line						
	2 intes 10-15g	unknown				_		
Mean Fish Wt	-			Next Insect De			at fall	
Next Fallow Date (S	lite)	unplanned		Next Input Da	ate (Site)	natural sp	attall	
Recent (last 4 wks)	disease prot	lems?		N	Any escapes	s (since last	visit)?	N/A
If yes, detail:								
<b>Movement Record</b>	s							_
1. Movement record	ls available f	or inspection?						Y
2. Date of last inspe							02/11/2016	
3. Are records comp		•						Y
4. Are movement re				?				N/A
5. Are records comp		-						N/A
6. Are health certific	ates for intro	ductions (outv	vith GB) availa	able?				N/A
Transport Records	5							
1. Are any movement								
If yes, is there a sys	tem in place	for maintenan	ce of transpo	rtation records	?			
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortalitie					Other (detail	)		
		fall to the sea						
3. Mortality records	•	d correctly ent						N/A
4. Recent mortality	(last 4 wks):		no mortality	experienced				•
5. Evidence of recen		••						N/A
If yes, facility nos/no	o mortality pe	r facility/no sto	ock per facility	/reason:				
		· · · · ·						N1/A
<ol> <li>Any other peaks i If yes, detail:</li> </ol>	n mortality d	uring period ch	hecked?					N/A
7. Have increased (		mortalities be	en reported t	o vet or EUI2				N/A
If yes, detail action:	unexplaineu)	inortaities be						
8. Have 'mortality ev	/ents' been r	eported to FHI	? If no, add M	IRT case and e	enter on mort	ality events	sheet.	N/A

1. Recent treatments (last 4 wks)?	
If yes, detail:	
If other, detail: 2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
o. 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 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?	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: 2/11/2016-23/10/2018	

FHI 059, Version 12	Issued by: FHI			Date	of issue: 08	8/10/201
Case Number:	2018-0523 Site No:	SS075	2			
Date of Visit	23/10/2018 Inspector:	SAE		1		
Number of Susceptik	ble species on site			-		
-	ies present = <u>LOW</u> risk					
	present, score for each pathogen		No	Yes		
	Susceptible to Bonamia ostrea (OED)		0	25	0	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3	
	Susceptible to OsHV (CGI)		0	3	0	
Sites within a tidal e	xcursion	1	2-5	>6		
Site contacts	Number of sites holding susceptible species within a tidal	1				
	excursion	0	2	10	10	
_ive shellfish moven	nents	0	1-2	>3		
Movements on	Frequency of movements on from equivalent MS		5		0	
	Frequency of movements on from equivalent wild				ـــــــــــــــــــــــــــــــــــــ	
	compartment including third country	0	10	20	0	
	Number of suppliers	0	5	10	0	
			-			
Novements off						
Novements on	Frequency of movements off <u>within</u> MSS Management		1	2	0	
Novements on	Areas	0	1	2	0	
	Areas Frequency of movements off <u>outwith</u> MSS Management					
	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0 0 0	1 3 3	2 6 6	0 0 0	
Management	Areas Frequency of movements off <u>outwith</u> MSS Management	0	3	6	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	0	
Management practices	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
<b>Nanagement</b> practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
Management practices Water contacts with depuration facilities	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment) 1 2	6 6 Unsecure (no effluent treatment) 2 6	0 0	
Management practices Water contacts with depuration facilities Biosecurity	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment) 1 2 4	6 6 Unsecure (no effluent treatment) 2 6 8	0 0	
Management practices Water contacts with depuration facilities Biosecurity	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None 0 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8 2	0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 <b>None</b> 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 <b>None</b> 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	66Unsecure (no effluent treatment)268≥ 42	0 0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0 0	
Management practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 0 2 5	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 1 2 4 2 or 3 1 1 1 Yes	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 2 5	
Management practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	6         0         0         0         0         0         2         6         8         ≥ 4         2         5         No	0 0 0 0 0 0 0 0 2 5	

Case No:	2018-0523			Date of visit:	23/10/2018					
Site No:	SS0752	l		Inspector:	SAE	I				
Results Summary	Freq.	Date of Notification								
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
Report Summary	_		and a							
Case Type ECI	Date 02/11/2018	Insp	2 nd Insp ASM							
ECI	02/11/2010	SAE	ASIVI							
	<u> </u>									
	<u> </u>									

# 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 NOSB0002SITE NOSS0752INSPECTORSvenja Elwenn

DATE OF VISIT23/10/2018SITE NAMEEilean nam FeannagCASE NO20180523

## 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:

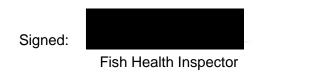
Aquaculture animal and aquaculture animal product movement records were inspected and appeared to be adequately maintained.

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.



Date: 02/11/2018

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

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0524			Date of visit: 23/10/2018
Time spent on site:	40 min	Main Ins	spector: SAE
Site No: FS0506 Business No: FB0449	Site Name: Business Name:	Loch Rithenan (Loch Nar Meavag Fish Farming	n Ritheanan)
Case Types: 1 REG	23	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: WI	Water type: F	CoGP MA:
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	• •	If yes, see additional	I information/clinical score sheet. I information/clinical score sheet. I information/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit deta	il reason below:	

### Additional Case Information:

Paperwork completed 23/10/2018, due to inclement weather unable to inspect site. Full EC paperwork completed.

Mortalities very low and currently disposed of to Landfill. None taken away to Landfill yet as mortalities so low.

No treatments administered.

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0524	]	Site No:	FS0506	6			
Date of Visit:		23/10/2018	3		Inspector(s):	SAE		]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	]
Site Details Total No facilities Species Age group	RTR 2018 hatch	9 cages	Facilities sto	ocked	1 cage	No facilitie	es inspected	0
No Fish	30,000 250g							
Mean Fish Wt Next Fallow Date (S	-	August 2019	)	Next Input Da	ate (Site)	May 2020		
Recent (last 4 wks) If yes, detail:	disease probl	ems?		N	Any escapes	s (since last	visit)?	Ν
Movement Records	5							
<ol> <li>Movement record</li> <li>Date of last inspe</li> <li>Are records comp</li> <li>Are movement re</li> <li>Are records comp</li> <li>Are health certific</li> </ol>	ction: llete and corr cords availab llete and corr	ectly entered? le for dead fis ectly entered?	sh and waste? ?				01/08/2017	Y N/A N/A N/A
Transport Records								
1. Are any movement If yes, is there a system								Y
Mortality Records								
<ol> <li>Mortality records a</li> <li>How are mortalitie</li> </ol>		•			Other (detail	)		Y
3. Mortality records		correctly ent	ered?					Y
4. Recent mortality (	last 4 wks):		2 morts for t	he site in the la	ast 4 weeks			
5. Evidence of recer If yes, facility nos/no				/reason:				N
		Taointy/Tio Ste						
6. Any other peaks i If yes, detail:	n mortality du	ring period ch	necked?					N
7. Have increased (	unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	IRT case and	enter on morta	ality events s	sheet.	N/A

1. Recent treatments (last 4 wks)?	N
If yes, detail:	
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	1.1/7.
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	N/A
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	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?	
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: 1/8/2017-23/10/2018	

		Issued by. I Th			Bate		. 00/10/2010
Case Number:	2018-0524		Site No:	FS0506		Insp:	SAE
Date of Visit	23/10/2018		No of mo	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 m	ovements off	0	3	6	10	
	Number of dest		0	3	6		0
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l		0				0
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		1
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		0
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		0
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 own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				0
	Processing fish equivalent state	from zone or compartment of Is	4				0
	Processing fish	from Category III farm	8				0
	Processing fish	from Category V farm	10				0
Disposal of fish and fish by-	Site's own was	e only processed.	0				0
products	Common proce	sses with other farms	3				0
	Collection point	for waste from other farms	5				0
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0				0
	Feeding unpas	teurised feed	5				0
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				0
CoGP/Regulator							
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				3
Platform access to cages	Yes		0				0
	No		2				0
					<b>Total</b> Rank		5 LOW

Case No:	2018-0524	Ş	Site No:	FS0506	
-	(Seawater Sites Only) ienced sea lice problems in the p	revious 4 years?			_
	Management Area (or equivalent		a single y	ear class basis?	
3. Does the site have azamethiphos and er can these be deploye	e access to a range of licenced in mamectin benzoate) as well as a ed in a reasonable period of time?	-feed and bath sea lice medic ccess to suitable biological a	cations (ind nd/or mec	cluding deltamethrin, hanical control measures, an	d
4. Is there a signed d Management Area (o	locumented farm management ag or equivalent)?	greement or statement releva	int to the si	ite and CoGP Farm	
5. Are sea lice count	records available for inspection?	(Legal SSI, CoGP Annex 6)			
6. Do records adequa	ately reflect the required standard	I specified in the SSI and the	CoGP? (L	egal SSI, CoGP Annex 6)	
7. Are sea lice ( <i>L. sal</i> records are inspected	<i>Imonis</i> ) record levels below the s d? (CoGP Annex 6)	uggested criteria for treatmer	nt in the Co	oGP during the period that	
8. Have average adu records are inspected	It female sea lice ( <i>L. salmonis</i> ) n d?	umbers per fish been at a lev	el of 3 or a	above during the period that	
If yes, have these be	en reported to the Fish Health Ins	spectorate? If no, FHI see con	mment.		
9. Is C. elongatus inf	festation at a level which is consid	dered to cause significant wel	lfare proble	ems? (CoGP 4.3.81, 5.3.50)	
	treatments been administered or r treatment or where <i>C. elongatus</i>				
11. Has any other ac	tion been taken (where applicable	e)?			
12. Have therapeutic	treatments or the actions taken h	nad a significant impact upon	the lice level	vels recorded?	
13. Are treatments, w	where conducted, carried out in co	operation between participat	ing farms?	?	
14. Is there a harvest sea lice?	ting strategy for the site, where fe	wer populations or part popu	lations are	held without treatment for	
-	ecific written lice management pro escalation of a sea lice infestatio		ribing set a	actions to deal with recognise	d
16. Do the sea lice le	evels observed on stocks reflect s	ea lice count data? If no plea	se detail r	easons.	
Containment Inspec	ction				
1. Has the site experi	ienced equipment damage due to	predators in the current or p	revious pr	oduction cycles?	Ν
2. Are measures in p	lace to mitigate against the preda	ation experienced on site? (De	etail below	()	Υ
If other, detail below	w:				
top nets, weighted pr	redator nets on the side of the cag	jes,			
3. Have escape incid	dents or events been experienced	d on or in the vicinity of the sit	te since the	e last FHI inspection?	Ν
If Yes proceed with q	uestions 4 – 9. If No skip to ques	tion 10			
4. Have these been r	reported to Scottish Ministers?				
5. Have these been r	reported to local DSFB forthwith (	where they exist)? (CoGP –	4.4.37, 5.4	.17)	
6. Have these been r	reported to the SSPO and local fis	sheries trusts forthwith (where	e they exis	t)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if a	any) used to recover escapees? I	f yes give detail			
8. If gill nets were de Ministers? (Legal, Co	ployed was this action agreed wit bGP – 4.4.38, 5.4.18)	n local wild fish interests and	was perm	ission given by Scottish	
9. What action was ta	aken to prevent and minimise the	risk of further escapes? (Not	covered i	n code but could	
be considered und	ler satisfactory measures of th	e Act)			
10. Is the site inspect	ted as satisfactory with regards to	containment? If no, please of	detail rease	on(s)	

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

Case No:	2018-0524	]		Date of visit:	23/10/2018	]		
Site No:	FS0506	]		Inspector:	SAE	]		
Results Summary	Freq.		Date of Notification					
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	_							L
	_							
								<b>—</b> ———————————————————————————————————
							1	
Report Summary								
Case Type	Date	Insp	2 nd Insp					
REG	02/11/2018	SAE	ASM					
	_							
	-	1	1					
	1	1	1					
	_		<b></b>					

# marine scotland science



Meavag Fish Farming Seafield Isle of Scalpay Harris Western Isles HS4 3XZ

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOFB0449SITE NOFS0506INSPECTORSvenja Elwenn

DATE OF VISIT 23/10/2018SITE NAMELoch Rithenan (Loch Nan Ritheanan)CASE No20180524

### 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.

On this occasion, the site inspection could not be conducted due to inclement weather conditions. This inspection will be rescheduled later in the year.

#### Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

R04

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.

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

Signed:

Fish Health Inspector

Date: 02/11/2018

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

FHI 059, Version 12	ls	ssued by: FHI	Date of issue: 08/10/2018			
Case No: 2018-0525			Date of visit: 24/10/2018			
Time spent on site:	hrs	Main Ins	pector: SAE			
Site No:FS1233Business No:FB0169	Site Name: Business Name:	Eughlam The Scottish Salmon Con	npany			
Case Types: 1 ECI	2 CNI 3 SLI	4 5	6			
Water Temp (°C): 11.2	Thermometer No:	Site	FHI 045 completed			
Observations:	Region: WI	Water type: S	CoGP MA: W-1			
Dead/weak/abnormally behaving fish present?YIf 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:

Net was just being lowered from a harvest at the date of inspection. A few fish with physical damage observed, thought to be from crowding and harvest activity. Last remaining cage on site. Site to be empty within the next week.

Lice counts as average female Leps by date: 8/8/18 8.6; 28/8/18 7.2; 3/9/18 0.3; 4/9/18 0.4; 6/9/18 0.4; 8/9/18 0.44; wk33 0.7; wk34 1.45; 24/9/18 2.64; 27/9/18 3.8; 5/10/18 3.93; 11/10/18 5.03; 13/10/18 2.20; 17/10/18 1.15

Some post treatment counts are taken to adjust pressure for Hydrolicer.

Treatments: 17/10/18 Hydrolicer (~2 cages per day); 13/10/18 Hydrolicer; 4/10/18 & 3/10/18 AlphaMax, Azazure; 25/9/18 AlphaMax, 3-9/9/18 Hydrolicer; 21-22/8/18 Hydrolicer, 19/8/18 Hydrolicer; 16-17/8/18 Hydrolicer

FHI 059, Version 12			lssu	led by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0525		Site No:	FS1233	3			
Date of Visit:		24/10/2018	3		Inspector(s)	: SAE		]
Registration/Author 1. Business/site deta 2. Changes made to	ails summar		site representa	ative?			Y Y	]
<b>Site Details</b> Total No facilities Species	SAL	16 cages LUM	Facilities sto	ocked	1 cage	No facilitie	es inspected	16
Age group	2017 S1	2018						
No Fish	52,974	4,000						
Mean Fish Wt	2.5kg	mixed						
Next Fallow Date (S	ite)	November 2	2018	Next Input D	ate (Site)	March 201	19	
Recent (last 4 wks) If yes, detail:	disease pro	blems?		١	N Any escape	s (since last	visit)?	N
Movement Record								
1. Movement record		for inspection?						Y
2. Date of last inspe							08/08/2018	
3. Are records comp		rrectly entered	?				00/00/2010	N
4. Are movement re		•		?				Y
5. Are records comp								Y
6. Are health certific		-		able?				N/A
Transport Records	5							
1. Are any movement		out by (or on be	half) of the bu	usiness (not us	sing a STB)?			N
If yes, is there a sys								
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortalitie	es disposed	of?			Other (detail	il)		
If other detail:	Landfill Wh	niteshore cock	es					
3. Mortality records	•	•	ered?					Y
4. Recent mortality (	(last 4 wks):		0.59%-0.019	% per week for	r the site			_
5. Evidence of recer								N
If yes, facility nos/no	o mortality pe	er facility/no st	ock per facility	//reason:				
6. Any other peaks i								Ŷ
If yes, detail:		orted as morta						
7. Have increased (I If yes, detail action:	unexplained			nortality events	biology toop	n vicit roquio	rlv	1
8. Have 'mortality ev	ents' been i							Y

1. Recent treatments (last 4 wks)?	Y
If yes, detail: Alphamax, T.M.S.	
If other, detail: Asazure	
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 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	Ý
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	ř
aquaculture animals held on site?	V
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	1
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, Anemia	
PCR positive for AGD 9/9, PCVs declining	
Records checked between: 8//8/2018 -24/10/2018	

		Issued by. I Th			Dute		. 00/10/201
Case Number:	2018-0525		Site No:	FS1233		Insp:	SAE
Date of Visit	24/10/2018		No of m	ovements/si	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	(
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
	Number of sup	ncluding third country	0		10	14	
Movements off	Frequency of n		0	3	6	10	1(
Movements on	Number of des		0		6	10	
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other		ted (secure water supply through					
farms (holding species susceptible to same diseases)		or in a coastal zone with category I	0	2	4		
		n or within 1 tidal excursion or in a coastal zone with category III		2	+		
	farms upstrean	n or within 1 tidal excursion	1	3	6		(
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		(
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		2
On farm processing within the rules of the directive	No on farm pro	cessing	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				
	Collection poin	t for waste from other farms	5				(
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	, 			
	Feeding unpas	•	5				
Biosecurity	-	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		(
Disinfection of equipment	Yes		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				(
Platform access to cages	Yes		0				(
	No		2				(
					Total		21
					Rank		MEDIUM

Case No:	2018-0525		Site No:	FS1233	
Sea Lice Inspection ( 1. Has the site experie	-	<b>y)</b> ms in the previous 4 years?			Ν
2. Is the CoGP Farm M	Management Area (or	r equivalent) fallowed synchronously o	on a single y	ear class basis?	Y
azamethiphos and em can these be deployed	amectin benzoate) a d in a reasonable peri ocumented farm mana	licenced in-feed and bath sea lice med as well as access to suitable biological iod of time? agement agreement or statement relev	and/or mec	hanical control measures, an	d Y
5. Are sea lice count r	ecords available for ir	nspection? (Legal SSI, CoGP Annex 6	5)		Y
6. Do records adequat	tely reflect the require	ed standard specified in the SSI and th	ne CoGP? (L	egal SSI, CoGP Annex 6)	Y
7. Are sea lice ( <i>L. salr</i> , records are inspected)		below the suggested criteria for treatm	ent in the C	oGP during the period that	Ν
8. Have average adult records are inspected?	-	almonis) numbers per fish been at a l	evel of 3 or a	above during the period that	Y
If yes, have these bee	n reported to the Fish	h Health Inspectorate? If no, FHI see c	comment.		Y
9. Is <i>C. elongatus</i> infe	estation at a level whic	ch is considered to cause significant w	elfare probl	ems? (CoGP 4.3.81, 5.3.50)	N
		inistered or other actions taken when <i>c. elongatus</i> is considered to have welt			Y
11. Has any other acti	on been taken (where	e applicable)?			Y
12. Have therapeutic t	reatments or the action	ons taken had a significant impact upo	on the lice le	vels recorded?	Y
		ed out in cooperation between particip	-		Y
14. Is there a harvestil sea lice?	ng strategy for the site	e, where fewer populations or part pop	oulations are	e held without treatment for	Y
15. Is there a site spec scenarios during the e		agement procedure with waypoints des e infestation?	scribing set a	actions to deal with recognise	d Y
16. Do the sea lice lev	els observed on stoc	ks reflect sea lice count data? If no ple	ease detail r	easons.	Y
Containment Inspect	tion				
-		nage due to predators in the current or	· previous pr	oduction cycles?	Ν
2. Are measures in pla	ace to mitigate agains	st the predation experienced on site? (	Detail below	/)	Y
If other, detail below	<b>:</b>				
ADD, predator nets be	elow (3 layers), top ne	ets, tensioned nets, MML			
3. Have escape incide	ents or events been e	experienced on or in the vicinity of the	site since th	e last FHI inspection?	Ν
If Yes proceed with qu					
4. Have these been re	ported to Scottish Mi	nisters?			
5. Have these been re	ported to local DSFB	B forthwith (where they exist)? (CoGP -	- 4.4.37, 5.4	4.17)	
6. Have these been re	ported to the SSPO a	and local fisheries trusts forthwith (whe	ere they exis	ot)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if a	ny) used to recover e	scapees? If yes give detail			
	1				
8. If gill nets were dep Ministers? (Legal, CoC		agreed with local wild fish interests ar	nd was perm	hission given by Scottish	
9. What action was tal	ken to prevent and mi	inimise the risk of further escapes? (N	lot covered i	n code but could	
be considered under	er satisfactory meas	sures of the Act)			
10. Is the site inspecte	ed as satisfactory with	n regards to containment? If no, please	e detail reas	on(s)	Y

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0525 Site N	o: FS1233	
Date of Visit: 24/10/2018	Inspector: SAE	
Point of Compliance		
1. Is the farm under inspection located within a If N, no further questions require completion.	farm management area?	Y
Points of Compliance for Both Farm Manag	ement Agreements and Statements	
2. Has a current farm management agreement	t or statement (FMAg/S) been prepared?	Y
3. Is the current FMAg/S available for inspection	on?	Y
<ol> <li>Does the FMAg/S identify the relevant farm</li> <li>Does the FMAg/S identify the fish farm site(s)</li> </ol>	-	Y Y
6. Does the FMAg/S identify the date of comm	encement of the agreement or statement	? 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 heal farm?	th standards for the stocks to be introduc	ed to the area or Y
9. Does the FMAg/S identify the vaccination re		
10. Does the FMAg/S identify the species of fis	•	
11. Does the FMAg/S identify the maximum sto individual farm?	ocking density of any perior any farm in t	ne area or the
12. Does the FMAg/S identify the arrangement fish farm in the area or the individual farm?	s for the storage and disposal of any dea	d fish from any Y
Arrangements for The Management of Sea	Lice	
13. Does the FMAg/S identify arrangements fo	r the sharing of data on sea lice numbers	and treatments? Y
14. Does the FMAg/S identify the availability an of statement?	nd the use of medicines on farms covered	
15. Does the FMAg/S identify any requirement lice on farms in the area or individual farms?	s for the sensitivity testing of available trea	
16. Does the FMAg/S identify the circumstance used on farms in the area or individual farms?	es under which biological controls and cle	aner fish are to be Y
17. Does the FMAg/S identify the arrangement	s for synchronous treatments on farms w	ithin the area? Y
Live Fish Movements		
18. Does the FMAg/S identify the circumstance area or farm?	es when live fish may be introduced or rer	
19. Does the FMAg/S identify the arrangement or individual farms?	s 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? 10/10/2017	

Case No:	2018-0525	]		Date of visit:	24/10/2018	]		
Site No:	FS1233	]		Inspector:	SAE	]		
Results Summary	Freq.	-	Date of Notification					
Results Gummary	r roq.	Database	Insp		Insp	Writing	Insp	2 nd Insp
Report Summary			- nd -					
Case Type ECI, CNI, SLI	Date 09/11/2018	Insp SAF	2 nd Insp AJW					
	00/11/2010	0/12	7.077					

# 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 NOFS1233INSPECTORSvenja Elwenn

DATE OF VISIT24/10/2018SITE NAMEEughlamCASE NO20180525

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

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

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

#### Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

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

These must be addressed to ensure the conditions of authorisation for your Aquaculture Production Business (APB) are being met. Records or documentation demonstrating that these points have been addressed should be sent to the Fish Health Inspectorate (contact details below) within 30 days of the date this report was issued.

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

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

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

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

Signed:		
	Fish Health Inspector	

Date: 09/11/2018

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

FHI 059, Version 12	Issue	ed by: FHI		Date of issue: 08/10/2018
Case No: 2018-0526				Date of visit: 23/10/2018
Time spent on site:	ır	]	Main Inspector	: SAE
Site No: SS0753 Business No: SB0002	Site Name: Business Name:	Eilean Theinish Loch Fyne Oyste		
Case Types: 1 ECI 2	2 3	4	5	6
Water Temp (°C): 11	Thermometer No:	T205		FHI 045 completed
Observations:	Region: WI	Water type:	: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	<ul> <li>N 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:				

#### Additional Case Information:

Unable to access site due to inclement weather conditions on 23/10/18. Full EC paperwork completed. Site inspected on 24/10/18. No movements on/off for ongrowing. Harvests recorded on separate paper copies.

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0526		Site No:	SS075	3			
Date of Visit:		23/10/2018	]		Inspector(s)	: SAE		]
Registration/Author 1. Business/site det 2. Changes made to	ails summary		ite representa	ative?			Y N	}
<b>Site Details</b> Total No facilities Species	MED	1 line	Facilities sto	ocked	1 line	No facilitie	s inspected	1
Age group No Fish	2018 1 line							
Mean Fish Wt	unknown							
Next Fallow Date (S	lite)	unplanned		Next Input D	ate (Site)	natural spa	at fall	
Recent (last 4 wks) If yes, detail:	disease prob	lems?		1	N Any escape	s (since last v	visit)?	N/A
Movement Record	s							
<ol> <li>Movement record</li> <li>Date of last inspective</li> <li>Are records comp</li> <li>Are movement responses</li> <li>Are records comp</li> <li>Are records comp</li> <li>Are health certific</li> </ol>	ection: olete and corr cords availat olete and corr	rectly entered? ble for dead fis rectly entered?	h and waste?				02/11/2016	Y Y N/A N/A N/A
Transport Records	5							_
1. Are any moveme If yes, is there a sys								
Mortality Records 1. Mortality records 2. How are mortalitie	es disposed o	of?			Other (detai	l)		Y
If other detail: 3. Mortality records		s fall to the sea						N/A
4. Recent mortality	•		no mortalitie	s observed				11/74
5. Evidence of recei	. ,	atypical mortal	E					N/A
If yes, facility nos/no				/reason:				
6. Any other peaks i	n mortality du	uring period ch	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	/ents' been re	eported to FHI	? If no. add M	IRT case and	enter on mort	ality events s	heet.	N/A

1. Recent treatments (last 4 wks)?	
If yes, 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?	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 health status, certification if required)?	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	Y
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	
<ol> <li>Has any animal health surveillance been carried out by, or on behalf of, the business?</li> <li>If yes, are results available for inspection?</li> </ol>	N
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 2/11/2016-23/10/2018	

HI 059, Version 12	Issued by: FHI			Date	of issue: 08/
Case Number:	2018-0526 Site No:	SS075	3		
Date of Visit	23/10/2018 Inspector:	SAE			
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	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	0
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	10
_ive shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent zone or				
	compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Movements off	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	0
	Frequency of movements off outwith MSS Management				
	Areas	0	3	6	0
	Number of destinations	0	3	6	0
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with	Depuration of stock from own sites within MSS	None	(effluent	(no effluent	
oractices	Depuration of stock from own sites within MSS management area	None 0	(effluent	(no effluent	0
Water contacts with	Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within		(effluent treatment)	(no effluent treatment)	0
Water contacts with	management area		(effluent treatment)	(no effluent treatment)	0 0
Water contacts with	management area Depuration of stock from other businesses sites within	0	(effluent treatment)	(no effluent treatment)	0
Water contacts with	management area Depuration of stock from other businesses sites within MSS management area	0	(effluent treatment)	(no effluent treatment)	
vater contacts with depuration facilities	management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management	0	(effluent treatment)	(no effluent treatment) 2 6	0
Water contacts with	management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area	0 0 0	(effluent treatment)	(no effluent treatment) 2 6 8	0
Water contacts with depuration facilities	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 0 0	(effluent treatment) 1 2 4 2 or 3	(no effluent treatment) 2 6 8 ≥ 4	0
Water contacts with depuration facilities	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 0 0 1	(effluent treatment) 1 2 4 2 or 3 1	(no effluent treatment) 2 6 8 ≥ 4 2	0
Water contacts with depuration facilities	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 0 0 1	(effluent treatment) 1 2 4 2 or 3 1 1 1 1 1 2	(no effluent treatment) 2 6 8 ≥ 4 2 5	0
Water contacts with depuration facilities	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 0 0 1 0 0	(effluent treatment) 1 2 4 2 or 3 1 1 1 1 1 2	(no effluent treatment) 2 6 8 ≥ 4 2 5	0
Water contacts with depuration facilities	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 0 0 1 0 0	(effluent treatment) 1 2 4 2 or 3 1 1 Yes 0	(no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 2 5
Water contacts with depuration facilities	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 0 0 1 0 0	(effluent treatment) 1 2 4 2 or 3 1 1 Yes	(no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 2 5

Case No:	2018-0526	Date of visit: 23/10/2018								
Site No:	SS0753	l	Inspector: SAE							
Results Summary	Freq.			Dat	te of Notifica	tion				
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
Report Summary	_		a d							
Case Type ECI	Date 02/11/2018	Insp	2 nd Insp ASM							
ECI	02/11/2010	SAE	ASIVI							
	<u> </u>									
	<u> </u>									



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

# FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0002SITE NOSS0753INSPECTORSvenja Elwenn

DATE OF VISIT23/10/2018SITE NAMEEilean TheinishCASE NO20180526

### 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.

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:		
5	Fish Health Inspector	

Date: 02/11/2018

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

FHI 059, Version 12	lse	sued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0527			Date of visit: 23/10/2018
Time spent on site:	30 min	Main Inspe	ector: SAE
Site No:SS0775Business No:SB0002	Site Name: Business Name:	Keava Loch Fyne Oysters Ltd	
Case Types: 1 REG	23	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: WI	Water type: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	• •	If yes, see additional in	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detail re	eason below:	

#### Additional Case Information:

Unable to access site due to inclement weather conditions. Full EC paperwork completed. No movements on/off for ongrowing. Harvests recorded on separate paper copies.

FHI 059, Version 12			Issu	ied by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0527	]	Site No:	SS0775	5			
Date of Visit:		23/10/2018	l		Inspector(s):	SAE		]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		te representa	ative?			Y N	]
<b>Site Details</b> Total No facilities Species Age group	MED 2018	2 lines	Facilities sto	ocked	2 lines	No facilitie	es inspected	0
No Fish	unknown							
Mean Fish Wt	unknown						-1.6-11	
Next Fallow Date (S	ite)	unplanned		Next Input D	ate (Site)	natural sp	at fall	
Recent (last 4 wks) If yes, detail:	disease prob	lems?		1	N Any escapes	s (since last	visit)?	N/A
Movement Records	S							
1. Movement record		or inspection?						Y
2. Date of last inspe							02/11/2016	
3. Are records comp		ectly entered?						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 movement		it by (or on bet	half) of the bi	isiness (not us	sing a STB)?			
If yes, is there a sys								
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortalitie	es disposed o	of?			Other (detail	)		
If other detail:	empty shells	s fall to seabed	ł					
3. Mortality records	•	d correctly ente	ered?					N/A
4. Recent mortality (	last 4 wks):		no mortalitie	s observed				-
5. Evidence of recer		••						N/A
If yes, facility nos/no	mortality pe	r facility/no sto	ck per facility	/reason:				
		· · · · ·	1 10					N1/A
<ol> <li>Any other peaks i If yes, detail:</li> </ol>	n mortality di	uring period ch	ecked?					N/A
7. Have increased (	(nevolained)	mortalities bo	an reported t	o vet or EUI2				N/A
If yes, detail action:	inexplaineu)							
8. Have 'mortality ev	rents' been re	eported to FHI	? If no, add M	IRT case and	enter on morta	ality events	sheet.	N/A

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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.)?	V
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: 2/11/16 -23/10/18	

FHI 059, Version 12	Issued by: FHI			Date	of issue: 08	3/10/20 ⁻
Case Number:	2018-0527 Site No:	SS077	5			
Date of Visit	23/10/2018 Inspector:	SAE		1		
Number of Susceptik	ble species on site			-		
-	ies present = <u>LOW</u> risk					
	present, score for each pathogen		No	Yes		
	Susceptible to Bonamia ostrea (OED)		0	25	0	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3	
	Susceptible to OsHV (CGI)		0	3	0	
Sites within a tidal e	xcursion	1	2-5	>6		
Site contacts	Number of sites holding susceptible species within a tidal	1				
	excursion	0	2	10	10	
_ive shellfish moven	nente	0	1-2	>3		
Novements on	Frequency of movements on from equivalent MS		5	10	0	
	Frequency of movements on from equivalent wis				⊢––́––	
	compartment including third country	0	10	20	0	
	Number of suppliers	0	5	10	0	
		Ŭ	0	10		
Novements off						
	Frequency of movements off <u>within</u> MSS Management		4	2		
	Areas	0	1	2	0	
	Areas Frequency of movements off <u>outwith</u> MSS Management					
	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	0	
Management	Areas Frequency of movements off <u>outwith</u> MSS Management					
Management	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	0	
Management practices	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment) 1 2	6 6 Unsecure (no effluent treatment) 2 6	0 0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
Management practices Water contacts with depuration facilities	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment) 1 2	6 6 Unsecure (no effluent treatment) 2 6	0 0	
Management practices Water contacts with depuration facilities Biosecurity	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment) 1 2 4	6 6 Unsecure (no effluent treatment) 2 6 8	0 0	
Management practices Water contacts with depuration facilities Biosecurity	Areas Frequency of movements off <u>outwith</u> MSS Management 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	0 0 None 0 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8 2	0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 <b>None</b> 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 <b>None</b> 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0 0	
Management practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 0 0 2 5	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 1 2 4 2 or 3 1 1 1 Yes	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 0	
Management practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 0 0 2 5	

Case No:	2018-0527			Date of visit:	23/10/2018	]		
Site No:	SS0775	1		Inspector:	SAE	]		
Results Summary	Freq.			Dat	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	02/11/2018	SAE	ASM					



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

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0002SITE NOSS0775INSPECTORSvenja Elwenn

 DATE OF VISIT
 23/10/2018

 SITE NAME
 Keava

 CASE NO
 20180527

#### 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.

On this occasion, the site inspection could not be conducted due to inclement weather conditions. This inspection will be rescheduled later in the year.

#### Records

R14

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.

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.

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

Signed: Fish Health Inspector

Date: 02/11/2018

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

FHI 059, Version 12	Issu	ied by: FHI		Date of issue: 08/10/2018
Case No: 2018-0528				Date of visit: 23/10/2018
Time spent on site: 1h	ır	2	Main Inspector	r: SAE
Site No: SS0809 Business No: SB0002	Site Name: Business Name:	Aird Chaol Loch Fyne Oyst	ers Ltd	
Case Types: 1 ECI 2	3	4	5	6
Water Temp (°C): 11	Thermometer No:	T205		FHI 045 completed
Observations:	Region: WI	Water type:	: S	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	ason below:		

#### Additional Case Information:

Unable to access site due to inclement weather conditions on 23/10/2018. Full EC paperwork completed. Site inspected on 24/10/18. No movements on/off for ongrowing. Harvests recorded on separate paper copies.

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ue: 08/10/2018
Case No:	2018-0528	]	Site No:	SS0809	)			
Date of Visit:		23/10/2018	]		Inspector(s):	SAE		]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	]
Site Details								
Total No facilities		2 lines	Facilities sto	cked	2 lines	No facilitie	es inspected	2
Species	MED			<u> </u>				
Age group	2017							
No Fish	2 lines							
Mean Fish Wt	15g							
Next Fallow Date (S	ite)	unplanned		Next Input Da	ate (Site)	natural sp	at fall	
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	s (since last	visit)?	N/A
If yes, detail:					,	(		
Movement Record								V
1. Movement record		or inspection?					02/11/2016	Y
<ol> <li>Date of last inspe</li> <li>Are records comp</li> </ol>		ractly antarad?	,				02/11/2016	Y
4. Are movement re		•		>				N/A
5. Are records comp								N/A
6. Are health certific		-		ahle?				N/A
				1010 :				
Transport Records		it by (or on bo	half) of the hu	usinoss (not us	ing a STR)2			
1. Are any movement If yes, is there a sys								
Mortality Records								<u> </u>
1. Mortality records	available for	inspection?						Y
2. How are mortalitie		•			Other (detail	)		
		s fall to seabed	d L			/		
3. Mortality records								N/A
4. Recent mortality	(last 4 wks):		no mortalitie	s observed				
5. Evidence of recen	nt increased/a	atypical mortal	ities?					N/A
If yes, facility nos/no	mortality pe	r facility/no sto	ck per facility	/reason:				
6. Any other peaks i	n mortality du	uring period ch	ecked?					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	ionte' hoon ri		2 If no. odd M	IPT case and c	ontor on mort	ality avanta	shoot	N/A
			f li no, add w	IR I Case and E		ante events :	sneet.	

1. Recent treatments (last 4 wks)?	
If yes, 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?	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 health status, certification if required)?	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	Y
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	
<ol> <li>Has any animal health surveillance been carried out by, or on behalf of, the business?</li> <li>If yes, are results available for inspection?</li> </ol>	N
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 2/11/2016-23/10/2018	

Issued by: FHI			Date	e of issue: 0	8/10/20 ⁻
2018-0528 Site No:	SS080	9			
23/10/2018 Inspector:	SAE		1		
			•		
present, score for each pathogen		No	Yes		
Susceptible to Bonamia ostrea (OED)		0	25	0	
		0	3	3	
Susceptible to OsHV (CGI)		0	3	0	
reursion	1	2-5	>6		
	-				
excursion	0	2	10	10	
					3
nents					1
	0	5	10	0	
Frequency of movements on from equivalent zone or					
	0			0	
Number of suppliers	0	5	10	0	
	0	1	0	0	
Areas	0	<u> </u>	2	0	
Frequency of movements off outwith MSS Management					
Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	0	
Frequency of movements off outwith MSS Management					
Frequency of movements off <u>outwith</u> MSS Management Areas	0	3 3	6 6	0	
Frequency of movements off <u>outwith</u> MSS Management Areas	0	3 3 Secure	6 6 Unsecure	0	
Frequency of movements off <u>outwith</u> MSS Management Areas	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	0	
Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0	3 3 Secure	6 6 Unsecure	0	
Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	0	
Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment) 1 2	6 6 Unsecure (no effluent treatment) 2 6	0 0	
Frequency of movements off <u>outwith</u> MSS Management 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 0 <b>None</b> 0	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
Frequency of movements off <u>outwith</u> MSS Management 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	0 0 <b>None</b> 0 0	3 3 Secure (effluent treatment) 1 2 4	6 6 Unsecure (no effluent treatment) 2 6 8	0 0	
Frequency of movements off <u>outwith</u> MSS Management 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 <b>Number of sites</b>	0 0 0 0 0 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8 8	0 0 0	
Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0 0	
Frequency of movements off <u>outwith</u> MSS Management 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 <b>Number of sites</b>	0 0 0 0 0 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8 8	0 0 0	
Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0 0	
Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0 0	
Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0 0	
Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 0 0 2 5	
Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 1 2 4 2 or 3 1 1 1 Yes	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 2 5	
	2018-0528       Site No:         23/10/2018       Inspector: <b>De species on site</b> es present = LOW risk         present, score for each pathogen       Susceptible to Bonamia ostrea (OED)         Susceptible to Marteilia refringens (OED, MED)       Susceptible to OsHV (CGI)         Susceptible to OsHV (CGI)       Number of sites holding susceptible species within a tidal excursion         Number of sites not be not b	2018-0528       Site No:       SS080         23/10/2018       Inspector:       SAE         De species on site       es present = LOW risk       Frequency of movements on from equivalent Zone or compartment including third country       0         Susceptible to Shute       0       1         Number of suppliers       0       0	2018-0528       Site No:       SS0809         23/10/2018       Inspector:       SAE         23/10/2018       Inspector:       SAE         Se species on site       es present = LOW risk       No         Susceptible to Bonamia ostrea (OED)       0       0         Susceptible to Bonamia ostrea (OED, MED)       0       0         Susceptible to OsHV (CGI)       0       0         ccursion       1       2-5         Number of sites holding susceptible species within a tidal excursion       0       2         Prequency of movements on from equivalent MS       0       5         Frequency of movements on from equivalent zone or compartment including third country       0       10         Number of suppliers       0       5       5	2018-0528Site No:SS080923/10/2018Inspector:SAEDele species on site es present = LOW risk present, score for each pathogenpresent, score for each pathogenNoYesSusceptible to Bonamia ostrea (OED)025Susceptible to Marteilia refringens (OED, MED)03Susceptible to OSHV (CGI)03ccursion12-5Number of sites holding susceptible species within a tidal excursion0201-2>3Frequency of movements on from equivalent MS0510Frequency of movements on from equivalent zone or compartment including third country01020Number of suppliers0510	2018-0528       Site No:       SS0809         23/10/2018       Inspector:       SAE         Despecies on site         es present = LOW risk         present, score for each pathogen       No       Yes         Susceptible to Bonamia ostrea (OED)       0       25       0         Susceptible to Marteilia refringens (OED, MED)       0       3       3         Susceptible to OSHV (CGI)       0       3       0         ccursion       1       2-5       >6         Number of sites holding susceptible species within a tidal excursion       0       2       10       10         nents       0       1-2       >3         Frequency of movements on from equivalent MS       0       5       10       0         Frequency of movements on from equivalent zone or compartment including third country       0       10       20       0         Number of suppliers       0       5       10       0       0       0       0

Case No:	2018-0528	Date of visit: 23/10/2018						
Site No:	SS0809	Inspector: SAE						
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	-						-	
Report Summary Case Type	Date	Insp	2 nd Insp					
ECI	02/11/2018		Z msp ASM					



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

# FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0002SITE NOSS0809INSPECTORSvenja Elwenn

DATE OF VISIT23/10/2018SITE NAMEAird ChaolCASE NO20180528

#### 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.

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: 02/11/2018

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

FHI 059, Version 12	ls	sued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0529	l		Date of visit: 23/10/2018
Time spent on site:	30 min	Main Inspe	ector: SAE
Site No: SS0845 Business No: SB0002	Site Name: Business Name:	Tolsta Loch Fyne Oysters Ltd	
Case Types: 1 REG	23	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: WI	Water type: S	CoGP MA:
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	• •	If yes, see additional in	formation/clinical score sheet. formation/clinical score sheet. formation/clinical score sheet.
UNI/REG only - if unable to car	ry out intended visit detail r	eason below:	

#### Additional Case Information:

Unable to access site due to inclement weather conditions. Site has never been used, no equipment on site. No plans to use the site in the foreseeable future.

Case No:	2018-0529			Date of visit:	23/10/2018			
Site No:	SS0845	]		Inspector:	SAE	]		
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	-							
Report Summary			nd					
Case Type REG	Date	Insp	2 nd Insp					
REG	02/11/2018	SAE	ASM					



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

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0002DATE OF VISIT23/10/2018SITE NOSS0845SITE NAMETolstaINSPECTORSvenja ElwennCASE NO20180529

#### 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.

On this occasion, the site inspection could not be conducted due to inclement weather conditions. However, the site was reported to not have any equipment installed and is unlikely to be used in the foreseeable future.

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

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

Signed:

Fish Health Inspector

Date: 02/11/2018

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

FHI 059, Version 12	ls	sued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0530			Date of visit: 23/10/2018
Time spent on site:	30 min	Main Inspe	ector: SAE
Site No:SS0846Business No:SB0002	Site Name: Business Name:	Corran Mor Loch Fyne Oysters Ltd	
Case Types: 1 REG	23	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: WI	Water type: S	CoGP MA:
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	• •	If yes, see additional in	formation/clinical score sheet. formation/clinical score sheet. formation/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detail r	eason below:	

## FHI 059, Version 12 Additional Case Information:

Unable to access site due to inclement weather conditions on 23/10/18. Site has never been used, no equipment on site. No plans to use the site in the foreseeable future. Area of the site observed on 24/10/18. No equipment observed in the water.

Case No:	2018-0530			Date of visit:	23/10/2018			
Site No:	SS0846	]		Inspector:	SAE	]		
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
REG	02/11/2018	SAE	ASM					
	ļ							



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

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0002SITE NOSS0846INSPECTORSvenja Elwenn

DATE OF VISIT23/10/2018SITE NAMECorran MorCASE NO20180530

### 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.

On this occasion, the site was found to be fallow.

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

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

Signed:

Fish Health Inspector

Date: 02/11/2018

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

FHI 059, Version 12	ls:	sued by: FHI		Date of issue: 08/10/2018
Case No: 2018-0538				Date of visit: 30/10/2018
Time spent on site:	hour		Main Inspector	r: JET
Site No:FS0885Business No:FB0398	Site Name: Business Name:	Geisgeil (Tank Loch Duart Ltd	1	
Case Types: 1 ECI	2 CNI 3	4	5	6
Water Temp (°C): 6.9	Thermometer No:	Site		FHI 045 completed
Observations:	Region: HI	Water type	e: F	
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see	additional inform	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail r	eason below:		

### Additional Case Information:

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

FHI 059, Version 12			Issu	ied by: FHI			Date of issu	ue: 08/10/2018
Case No:	2018-0538	]	Site No:	FS0885	5			
Date of Visit:		30/10/2018	]		Inspector(s	): JET		]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	]
Site Details Total No facilities Species Age group No Fish Mean Fish Wt	SAL Broodstock 601 12kg	10	Facilities sto	ocked	10	No facilitie	es inspected	10
Next Fallow Date (S	ite)	December 2	018	Next Input Da	ate (Site)	August 20	)19	
Recent (last 4 wks) If yes, detail:	disease probl	ems?		Ν	Any escape	es (since last	visit)?	N
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	s available fo ction: olete and corr cords availab olete and corr ates for introc	ectly entered? le for dead fis ectly entered?	h and waste?				26/10/2015	Y Y Y Y N/A
Transport Records 1. Are any movement If yes, is there a sys	nts carried ou							Y
Mortality Records 1. Mortality records 2. How are mortalitie If other detail: 3. Mortality records 4. Recent mortality (	es disposed o Whole fish - complete and	f? Grays Compo correctly ente		eenshire	Other (deta	iil)		Y Y
5. Evidence of recer	nt increased/a	atypical mortal	ities?					N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	r/reason:				
6. Any other peaks i	n mortality du	ring period ch	ecked?					N
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	vents' been re	ported to FHI	? If no, add N	IRT case and	enter on mor	tality events	sheet.	N/A

1. Recent treatments (last 4 wks)?	Ν
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	N1/A
4. Are fish in a withdrawal period?	N/A
5. If yes, what treatment(s)?	
If other, detail:	N1/A
6. Are medicines stored appropriately?	N/A
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. Howe the husbandry and hispacifity measures implemented between each anidemiological unit to minimize	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	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: 26/10/2015 - 30/10/2018	

FRI 059, Version 12		ISSUED by. FHI			Dale	JI 13300	. 06/10/2010
Case Number:	2018-0538		Site No:	FS0885		Insp:	JET
Date of Visit	30/10/2018		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	
	Number of sup		0	5	10	14	0
Movements off	Frequency of n	novements off	0	3	6	10	3
	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 I	ed (secure water supply through porehole)	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		1
		or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
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 own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	equivalent state		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				
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		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		10
					Rank		LOW

FHI 059, Version 12		Issued by: FHI		Date of issue: 08/10/2018	
Case No: 201	8-0538		Site No:	FS0885	
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 equivalent) fallowed synchronously on a single year class basis?					
<ul> <li>3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?</li> <li>4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?</li> </ul>					
		pection? (Legal SSL Co	GP Anney 6)		
<ul> <li>5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)</li> <li>6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)</li> </ul>					
				-	
7. Are sea lice ( <i>L. salmonis</i> ) records are inspected? (Co	GP Annex 6)				
8. Have average adult female records are inspected?	·	<i>,</i> .		above during the peric	od that
If yes, have these been report					
9. Is C. elongatus infestation	n at a level which i	is considered to cause	significant welfare probl	ems? (CoGP 4.3.81, 5	5.3.50)
10. Have therapeutic treatme suggested criteria for treatme					
<ul> <li>11. Has any other action been</li> <li>12. Have therapeutic treatment</li> <li>13. Are treatments, where constant is there a harvesting stratege lice?</li> <li>15. Is there a site specific writes the scenarios during the escalation</li> <li>16. Do the sea lice levels observed.</li> </ul>	ents or the actions onducted, carried itegy for the site, w itten lice manage ion of a sea lice in	s taken had a significan out in cooperation betw where fewer population ment procedure with wa nfestation?	een participating farms? s or part populations are aypoints describing set a	? held without treatment actions to deal with rea	
<ul><li>Containment Inspection</li><li>1. Has the site experienced e</li><li>2. Are measures in place to r</li></ul>				-	N Y
Tank covers					
If other, detail below:					
<ol> <li>Have escape incidents or</li> <li>If Yes proceed with questions</li> <li>Have these been reported</li> </ol>	s 4 – 9. If No skip	to question 10	cinity of the site since th	e last FHI inspection?	N
5. Have these been reported	to local DSFB for	rthwith (where they exis	t)? (CoGP – 4.4.37, 5.4	4.17)	
6. Have these been reported	to the SSPO and	l local fisheries trusts fo	rthwith (where they exis	t)? (CoGP – 4.4.37, 5	.4.17)
7. Were methods (if any) use	ed to recover esca	apees? If yes give detai	l		
8. If gill nets were deployed w Ministers? (Legal, CoGP – 4.	.4.38, 5.4.18)				sh
9. What action was taken to phe considered under satis	-	-			
be considered under satis 10. Is the site inspected as s	•	· · · · · · · · · · · · · · · · · · ·	If no, please detail reas	on(s)	Y

Case No:	2018-0538	Date of visit: 30/10/2018							
Site No:	FS0885		Inspector: JET						
Results Summary	Freq.		Date of Notification						
Courts Cummary	1109.	Database	Insp			Writing	Insp	2 nd Insp	
				1					
Report Summary			nd						
Case Type ECI, CNI		Insp	2 nd Insp SAE						
	07/11/2018	JEI	SAE						

## marine scotland science



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

### FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOFB0398SITE NOFS0885INSPECTORJoe Triscott

DATE OF VISIT 30/10/2018 SITE NAME Geisgeil (Tank Site) CASE NO 20180538

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

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

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

#### Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

R04

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

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

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

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

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

On this occasion the site was found to be satisfactory.

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

Signed:

Fish Health Inspector

Date: 07/11/2018

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

FHI 059, Version 12	Issu	ed by: FHI		Date of is	ssue: 08/10/2018		
Case No: 2018-0539				Date of visit:	31/10/2018		
Time spent on site: 3	hours	]	Main Inspector	:: JE	T		
Site No: FS0068 Business No: FB0398	Site Name: Business Name:	Calva Bay (Calb Loch Duart Ltd	oha Beag)				
Case Types: 1 ECI 2	2 CNI 3 SLI	4	5	6			
Water Temp (°C): 11.2	Thermometer No:	T147		FHI 045 complet	ted		
Observations:	Region: HI	Water type	: S	CoGP MA:	M-5		
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:**

Paperwork completed 30/10/2018, site inspected 31/10/2018 Wild caught wrasse stocked on site (caught from Sutherland Skye, Dorset and Cornwall) No lice counts carried out since input on 07/10/2018, fish were slightly soft at input and site manager did not want to cause any physical damage due to handling. First count carried out during inspection of cages on 31/10/2018 Farm management issue version - February 2018

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ue: 08/10/2018
Case No:	2018-0539		Site No:	FS0068	3			
Date of Visit:		31/10/2018	3		Inspector(s)	: JET		ו
Registration/Author 1. Business/site det 2. Changes made to	ails summar		site representa	ative?			Y N	]
Site Details			_		_	_		
Total No facilities		42	Facilities sto	ocked	7	No facilitie	es inspected	42
Species	SAL	WRA						
Age group	2018 S0	Mix						
No Fish	383,787	4,860						
Mean Fish Wt	139g	Mix						
Next Fallow Date (S	ite)	April 2020		Next Input Da	ate (Site)	October 2	020	
Recent (last 4 wks)	disease pro	blems?		Ν	Any escape	s (since last	visit)?	N
If yes, detail:					, ,	(	,	
Movement Record	s							
1. Movement record		or inspection?						Y
2. Date of last inspe							29/08/2017	<u> </u>
3. Are records comp		rectly entered	?				20/00/2011	Y
4. Are movement re		•		?				Y
5. Are records com								Y
6. Are health certific		-		able?				N/A
Transport Records		,	,					
1. Are any moveme	nts carried c	ut by (or on be	half) of the bu	usiness (not us	sing a STB)?			Y
If yes, is there a sys								Y
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortaliti					Other (detai	il)		
If other detail:	Whole fish	- Gray's comp	osting, Aberd	een				
3. Mortality records	•	d correctly ent						Y
4. Recent mortality	(last 4 wks):		6410 (1.64%	6) - post transf	er mortality			
5. Evidence of recei	nt increased	atypical morta/	lities?					N
If yes, facility nos/no	o mortality pe	er facility/no sto	ock per facility	/reason:				
6. Any other peaks	in mortality o	luring period cl	necked?					N
If yes, detail:								
7. Have increased (	unexplained	) mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:	in the large						a h a a t	N1/A
8. Have 'mortality ev	ients been i	eported to FHI	ir it no, add Iv	IKI case and	enter on mort	ality events a	sneet.	N/A

1. Recent treatments (last 4 wks)?	Ν
If yes, detail:	
If other, detail:	NI/A
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	NU
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 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 aquaculture animals held on site?	Ŷ
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: 29/08/2017 - 30/10/2018	

,		ISSUED Dy. FILI			20.10		. 06/10/2010
Case Number:	2018-0539		Site No:	FS0068		Insp:	JET
Date of Visit	31/10/2018		No of m	lo of movements/supp./dest.			
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	
	Number of sup		0	5	10	14	0
Movements off	Frequency of n	povements off	0	3	6	10	0
	Number of des		0		6	10	0
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or I	ed (secure water supply through	0				
susceptible to same diseases)	Farm is on-line	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		2
	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	cessing	0				
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status						
	Processing fish from Category III farm						
	Processing fish	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		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				<u> </u>
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				
					<b>Total</b> Rank		6 LOW

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0539	Site No:	FS0068
Sea Lice Inspection (Seawater Sites 1. Has the site experienced sea lice pro	••	N
	(or equivalent) fallowed synchronously on a single y	vear class basis?
3. Does the site have access to a range azamethiphos and emamectin benzoate can these be deployed in a reasonable	of licenced in-feed and bath sea lice medications (inc) as well as access to suitable biological and/or mec	cluding deltamethrin, chanical control measures, and
	or inspection? (Legal SSI, CoGP Annex 6)	Y
	uired standard specified in the SSI and the CoGP? (L	₋egal SSI, CoGP Annex 6) Y
7. Are sea lice ( <i>L. salmonis</i> ) record lever records are inspected? (CoGP Annex 6)	els below the suggested criteria for treatment in the Co	oGP during the period that N
8. Have average adult female sea lice ( records are inspected?	L. salmonis) numbers per fish been at a level of 3 or a	above during the period that N
If yes, have these been reported to the	Fish Health Inspectorate? If no, FHI see comment.	N/A
9. Is <i>C. elongatus</i> infestation at a level	which is considered to cause significant welfare proble	ems? (CoGP 4.3.81, 5.3.50) N
	dministered or other actions taken when <i>L. salmonis</i> e <i>C. elongatus</i> is considered to have welfare implicat	
11. Has any other action been taken (w	nere applicable)?	Y
12. Have therapeutic treatments or the	actions taken had a significant impact upon the lice le	evels recorded? Y
<ul><li>14. Is there a harvesting strategy for the sea lice?</li><li>15. Is there a site specific written lice m</li></ul>	arried out in cooperation between participating farms? site, where fewer populations or part populations are anagement procedure with waypoints describing set a	e held without treatment for N
scenarios during the escalation of a sea	lice infestation? tocks reflect sea lice count data? If no please detail r	reasons Y
	damage due to predators in the current or previous pr ainst the predation experienced on site? (Detail below	
Tensioned nets, top nets, predator r	ets, A.D.D.	
If other, detail below:		
2. Have according incidents or avents be	en experienced on or in the vicinity of the site since th	N
If Yes proceed with questions 4 – 9. If N		
<ol> <li>Have these been reported to Scottish</li> </ol>	· ·	
5. Have these been reported to local DS	SFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4	4.17)
6. Have these been reported to the SSF	O and local fisheries trusts forthwith (where they exis	st)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recov	r escapees? If yes give detail	
	ion agreed with local wild fish interests and was perm	nission given by Scottish
Ministers? (Legal, CoGP – 4.4.38, 5.4.1 9. What action was taken to prevent an	8) I minimise the risk of further escapes? (Not covered i	in code but could
be considered under satisfactory m		
-	with regards to containment? If no, please detail reas	son(s)

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0539 Site N	lo: FS0068	
Date of Visit: 31/10/2018	Inspector: JET	
Point of Compliance		
1. Is the farm under inspection located within a	a farm management area?	Y
If N, no further questions require completion.		
Points of Compliance for Both Farm Manag	ement Agreements and Statements	
2. Has a current farm management agreemen 3. Is the current FMAg/S available for inspection		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(</li><li>6. Does the FMAg/S identify the date of comm</li></ul>	,	Y 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 hea farm?	Ith standards for the stocks to be introduced to th	ne area or Y
	quirements for stocks held in the area or farm?	N
- · ·	sh which may be stocked into the area or farm? ocking density of any pen on any farm in the area	a or the Y
	ts for the storage and disposal of any dead fish fi	rom any Y
Arrangements for The Management of Sea	Lice	
13. Does the FMAg/S identify arrangements for	or the sharing of data on sea lice numbers and tre	eatments? Y
14. Does the FMAg/S identify the availability a of statement?	nd the use of medicines on farms covered by the	
15. Does the FMAg/S identify any requirement lice on farms in the area or individual farms?	s for the sensitivity testing of available treatment	
16. Does the FMAg/S identify the circumstanc used on farms in the area or individual farms?	es under which biological controls and cleaner fis	sh are to be Y
	ts for synchronous treatments on farms within the	e area? Y
Live Fish Movements		
18. Does the FMAg/S identify the circumstanc area or farm?	es when live fish may be introduced or removed	
19. Does the FMAg/S identify the arrangemen or individual farms?	ts for the movement of live fish on and off sites in	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?	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?	

Case No:	2018-0539	Date of visit: 31/10/2018							
Site No:	FS0068	]	Inspector: JET						
Results Summary	Freq.				Date of Noti	fication			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
	_				_		_	_	
	_		_		_			_	
					_			_	
			_		_		_		
	_								
					_		_		
Report Summary	- T			1					
Case Type	Date	Insp	2 nd Insp						
ECI,CNI,SLI	07/11/2018		DCB	-					
Case completed	04/12/2018	JET	DJT						
				-					
				-					
	+								
			_						
				-					

## marine scotland science



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

### FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOFB0398SITE NOFS0068INSPECTORJoe Triscott

DATE OF VISIT31/10/2018SITE NAMECalva Bay (Calbha Beag)CASE NO20180539

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

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

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

#### Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

R25

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

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

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

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

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

Regarding parasites (sea lice), the following documents were unavailable for inspection:

A site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation.

A site specific written harvesting strategy, where part populations are held without treatment for sea lice.

Please ensure that these points have been addressed by 07/12/2018. Records or documentation demonstrating that these points have been addressed should be sent to the Fish Health Inspectorate (contact details below). The site may be subject to further inspection or enforcement action should the appropriate action regarding the above points not be taken within the time period stipulated.

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

Signed:



Date: 07/11/2018

Fish Health Inspector

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

FHI 059, Version 12	I	ssued by: FHI	Date of issue: 08/10/2018				
Case No: 2018-0540			Date of visit: 31/10/2018				
Time spent on site:	5 hours	Main	Inspector: JET				
Site No: FS0065 Business No: FB0398	Site Name: Business Name:	Loch Laxford Loch Duart Ltd					
Case Types: 1 REP	2VMD 3	4 5	6				
Water Temp (°C):	Thermometer No:		FHI 045 completed				
Observations:	Region: HI	Water type: S	CoGP MA: M-3				
Dead/weak/abnormally behaving fish present?YIf 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:

FHI previously informed of the following mortality events by site - 27/08/18 - 2.9% 11293, 03/09/2018 - 3.85% 14184. Subsequent weekly mortality events not reported. Company representative reminded of requirement to continue to report ongoing mortality events.

Wild caught wrasse stocked on site. Caught from Dorset, Sutherland, Cornwall, Skye

Early harvesting has been taking place from cage group B, 60,000 harvested so far, further harvesting is under discussion. Site split in 3 cage groups, E group mortality last 4 weeks - 7633 (7.52%), D group - 3743 (6.3%), B group 5938 (13.7%) Daily plankton samples being taken at all cage groups.

5 morts observed across site, no moribund fish observed. Fish looked in good condition, sea lice numbers have been very low, no signs of physical damage.

Fish sampled for VMD appeared healthy.

FHI 059, Version 12			Issue	ed by: FHI			Date of issue	e: 08/10/2018
Case No:	2018-0540	Site	e No:	FS0065				
Date of Visit:		31/10/2018			Inspector(s):	JET		
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		epresentat	tive?			Y N	
Site Details								-
Total No facilities			cilities stoo	ked	42	No facilitie	s inspected	42
Species	SAL	WRA						
Age group	2017 S0	Mix						
No Fish	187,139	8,069						
Mean Fish Wt	2.65 Kg	Mix						
Next Fallow Date (S	ite)	April 2019		Next Input Da	ate (Site)	October 20	)19	
Recent (last 4 wks)	disease probl	ems?		Y	Any escapes	s (since last v	visit)?	N
If yes, detail:	PGD - Morta	lity on site attribu not thought to be		ronmental fac	tors - plankto	n including	Ceratium spp	. AGD also
Movement Records	S							
1. Movement record	s available fo	r inspection?						Y
2. Date of last inspe							06/06/2017	
3. Are records comp	lete and corre	ectly entered?						Y
4. Are movement re			nd waste?					Y
5. Are records comp								Y
6. Are health certific	ates for introc	luctions (outwith (	GB) availal	ble?				N/A
<b>Transport Records</b>	;							
1. Are any movement	nts carried ou	t by (or on behalf)	) of the bus	siness (not usi	ing a STB)?			
If yes, is there a sys	tem in place f	or maintenance c	of transport	tation records?	?			
Mortality Records								
1. Mortality records	available for i	nspection?						Y
2. How are mortalitie	es disposed o	f?			Other (detail	)		
If other detail:		Grey's compostir		enshire				
3. Mortality records	•							Y
4. Recent mortality (	· · · ·		``	6) across site	- gill issues, s	ee above fo	r details	
5. Evidence of recer								Y
If yes, facility nos/no					<b>FRA</b> (0.050()	1. 00/40/		4.070()
w/b 01/10/18 - 3058	(1.5%), w/b (	08/10/18 - 6639 (3	3.3%), w/b	15/10/2018 -	5744 (2.95%)	, w/b 22/10/2	2018 - 3529 (*	1.87%)
6. Any other peaks i	n mortality du	ring period check	ed?					Y
If yes, detail:	w/b 10/09/20	)18 - 49661 (14%	), w/b 17/0	9/2018 - 3426	63 (11.7%), 24	4/09/2018 - 7	7463 (3.33%)	
7. Have increased (	unexplained)							Y
If we also to the other		Vets have been	-				-	
If yes, detail action:	antol heer as	reduced, aerator						
8. Have 'mortality ev	rents been re	poned to FHI? If	no, add Mi	T case and e	enter on morta	anty events s	neet.	N

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?	
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?	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 attributed to plankton and AGD d	etected
Records checked between: 06/06/2017 - 30/10/2018	

FHI 059, Version 12							lss	ued by: I	FHI			
Case no:	2018-05	540	Site No:		FS0065			Date of		31/	10/2018	
Priority samples:	VI		BA		PA		MG	Samplin	g: HI		I	
Time sampling starts/ends:		0:00	_	0:00		Inspecto	or:	JET		VMD No	o.	15
Environmental condition	s: 1	Indoors	2		3		4		5			
Summary samples	HIST		BA		MG		VI		PA		Total Sa	amples
Add Fish/Pools - click												
Pool/Fish No			•									
Fish nos	1	2	3									
Pool Group	0.01	0.41	0.41									
Species	SAL	SAL	SAL									
Average weight	2.65kg	2.65kg										
Sex	N/A	N/A	N/A SW									
Water Type	SW	SW	500									
<u>0</u>	>	>	>.									
Details	Ba	Ba	Ba									
صّ	Outer Bay	ter	ter									
Stock Origin Facility No	Out	Outer Bay	Outer Bay									
Facility No	B41	D15	E12									

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

Site No: FS0065

Case No: 2018-0540

Nature of non-compliance:

Action taken (FHI):

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

Issued by: FHI

Case No: 2018-0540 Site No: FS0065 Date of visit: 31/10/2018

Start date:	End date: (if applicable)	Size of fish:	Average weight of affected population:	Species:	Yearclass:	Timescale	Mortality rate recorded(%):	Explained/ unexplained:	If explained, select reason(s):
10/09/18	16/09/2018	≥750g	2.5kg	SAL	2017 S0	Weekly	14.00	Explained	Algal bloom, O2 problems, PGD
17/09/18	23/09/2018	≥750g	2.5kg	SAL	2017 S0	Weekly	11.70	Explained	Algal bloom, O2 problems, PGD
24/09/18	30/09/2018	≥750g	2.5kg	SAL	2017 S0	Weekly	3.33	Explained	Algal bloom, O2 problems, PGD
01/10/18	07/10/2018	≥750g	2.5kg	SAL	2017 S0	Weekly	1.50	Explained	Algal bloom, O2 problems, PGD
08/10/18	14/10/2018	≥750g	2.5kg	SAL	2017 S0	Weekly	3.30	Explained	Algal bloom, O2 problems, PGD

15/10/18	21/10/2018	≥750g	2.5kg	SAL	2017 S0	Weekly	2.95	Explained	Algal bloom, O2 problems, PGD
22/10/18	28/10/2018	≥750g	2.5kg	SAL	2017 S0	Weekly	1.87	Explained	Algal bloom, O2 problems, PGD

If unexplained, select observations:	Total mortality during event (if available):	Additional information (e.g. action taken by company):	Action taken by FHI (include case no where applicable):
	49661	Vets have been attending site, freshwater treatments carried out, feeding has been reduced, aerators deployed	Mortality event picked up during inspection, intial mortality events w/b 27/08 and 03/09 were initially reported to FHI. Site inspected 31/10/18 - no moribund fish observed, fish appeared in good condition, mortality has been dropping the past 3 weeks.
	34263	Vets have been attending site, freshwater treatments carried out, feeding has been reduced, aerators deployed	Mortality event picked up during inspection, intial mortality events w/b 27/08 and 03/09 were initially reported to FHI. Site inspected 31/10/18 - no moribund fish observed, fish appeared in good condition, mortality has been dropping the past 3 weeks.
	7463	Vets have been attending site, freshwater treatments carried out, feeding has been reduced, aerators deployed	Mortality event picked up during inspection, intial mortality events w/b 27/08 and 03/09 were initially reported to FHI. Site inspected 31/10/18 - no moribund fish observed, fish appeared in good condition, mortality has been dropping the past 3 weeks.
	3058	Vets have been attending site, freshwater treatments carried out, feeding has been reduced, aerators deployed	Mortality event picked up during inspection, intial mortality events w/b 27/08 and 03/09 were initially reported to FHI. Site inspected 31/10/18 - no moribund fish observed, fish appeared in good condition, mortality has been dropping the past 3 weeks.
	6639	Vets have been attending site, freshwater treatments carried out, feeding has been reduced, aerators deployed	Mortality event picked up during inspection, intial mortality events w/b 27/08 and 03/09 were initially reported to FHI. Site inspected 31/10/18 - no moribund fish observed, fish appeared in good condition, mortality has been dropping the past 3 weeks.

5744	Vets have been attending site, freshwater treatments carried out, feeding has been reduced, aerators deployed	Mortality event picked up during inspection, intial mortality events w/b 27/08 and 03/09 were initially reported to FHI. Site inspected 31/10/18 - no moribund fish observed, fish appeared in good condition, mortality has been dropping the past 3 weeks.
3529	Vets have been attending site, freshwater treatments carried out, feeding has been reduced, aerators deployed	Mortality event picked up during inspection, intial mortality events w/b 27/08 and 03/09 were initially reported to FHI. Site inspected 31/10/18 - no moribund fish observed, fish appeared in good condition, mortality has been dropping the past 3 weeks.

Case No:	2018-0540			Date of visit:	31/10/2018			
Site No:	FS0065	1		Inspector:	JET	1		
				mopeotor.		4		
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary	1							
Case Type	Date	Insp	2 nd Insp					
REP, VMD	07/11/2018	JET	DCB					
	ļ							

# marine scotland science



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

### FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOFB0398SITE NOFS0065INSPECTORJoe Triscott

DATE OF VISIT31/10/2018SITE NAMELoch LaxfordCASE NO20180540

The above site was inspected following reports of increased mortality by the business.

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

## Inspection under the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 2013

The above site was visited in accordance with the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 2013.

Medicine records were inspected and found to be adequately maintained

Samples were taken to be analysed for veterinary residues.

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



Signed:

Date: 07/11/2018

Fish Health Inspector

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

FHI 059, Version 12	ls	ssued by: FHI		Date of is	ssue: 08/10/2018
Case No: 2018-0541				Date of visit:	01/11/2018
Time spent on site: 3	.5 hours		Main Inspector	r: JE	Т
Site No: FS0361 Business No: FB0125	Site Name: Business Name:	Sian Bay Scottish Sea Far	ms Ltd		
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD	5	6	
Water Temp (°C): 10.5	Thermometer No:	T147		FHI 045 complet	ted
Observations:	Region: HI	Water type:	S	CoGP MA:	M-1
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		N If yes, see a	dditional inform	nation/clinical sco nation/clinical sco nation/clinical sco	ore sheet.
UNI/REG only - if unable to carry	out intended visit detail	reason below:			

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

Site due to be split down and fish transferred to Kempie Bay w/b 12/11/2018.

Wrasse currently stocked in one cage (wild caught wrasse - Orkney), further stocking of wrasse to take place in the next few months

Wild fish observed in cages, will be removed during upcoming grade.

2 morts observed across site, no moribund fish observed.

Increase in caligus numbers during July 2018, Slice treatment administered, caligus numbers fell back to low levels in August 2018.

Fish sampled for VMD appeared healthy.

Farm management statement version - April 2018

FHI 059, Version 12			lss	ued by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0541		Site No:	FS036	1			
Date of Visit:		01/11/201	18		Inspector(s	s): JET		]
Registration/Author 1. Business/site det 2. Changes made to	ails summar		v site represen	tative?			Y Y	]
Site Details								_
Total No facilities		10	Facilities st	ocked	10	No facilities	s inspected	10
Species	SAL	WRA		_				
Age group	S1 2018	Mix						
No Fish	349,215	850						
Mean Fish Wt	1.3 kg	Mix						
Next Fallow Date (S	Site)	September	r 2019	Next Input D	ate (Site)	March 202	0	
Recent (last 4 wks) If yes, detail:	disease pro	blems?		1	N Any escap	es (since last v	visit)?	Ν
Movement Record			_					
1. Movement record		or inspection	?				07/40/0040	Y
2. Date of last inspe		rooth optoro	40				07/12/2016	Y
<ol> <li>Are records comp</li> <li>Are movement re</li> </ol>		•		2				N/A
5. Are records com								N/A
6. Are health certific		-		lable?				Y
Transport Records								
1. Are any moveme		ut by (or on h	obalf) of the h	usiness (not us	sing a STR\2			N
If yes, is there a sys								
Mortality Records	lonn in place							
1. Mortality records	available for	inspection?						Y
2. How are mortaliti		•			Incinerated	d - on site		
If other detail:								
3. Mortality records	complete ar	d correctly er	ntered?					Y
4. Recent mortality	(last 4 wks):		812 (0.23%	) across site				
5. Evidence of rece	nt increased	/atypical mort	talities?					N
If yes, facility nos/no	o mortality pe	er facility/no s	tock per facilit	y/reason:				
6. Any other peaks								Y
If yes, detail:				18 - 3.99%, 09/	/04 - 2.65%,	16/04 - 1.55%	, 23/04 - 1.13	3%
7. Have increased (	unexplained		•					Y
If yes, detail action:				ted to FHI, dela				
8. Have 'mortality ev	vents been i	eported to FI	HI? IT NO, add	VIR I case and	enter on mo	rtality events s	neet.	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	Ŷ
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 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: 07/12/2016 - 01/11/2018	

Fł	HI 059, Version 12							lss	ued by:	FHI			
	Case no:	2018-05	541	Site No:		FS0361			Date of		01/	11/2018	
	Priority samples:	VI		BA		PA		MG	Samplin	ig: HI			
	Time sampling starts/ends:		00:00		0:00		Inspecto	or:	JET		VMD No	р. <b>Г</b>	15
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		BA		MG		VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No	1-2	2	4 5									
_	Fish nos Pool Group	1-2	3	4-5									
	Species	SAL	SAL	SAL									
	Average weight	1.2kg	2kg	1.2kg									
	Sex	N/A	N/A	N/A									
	Water Type	SW	SW	SW									
Stock Details	Stock Origin	s Knock	o Ormsary Smolt Unit	o Knock									
S	Facility No	3	8	9									

0 Total Tests assigned 0	

		Issued by. FHI			Bute		. 06/10/2010
Case Number:	2018-0541		Site No:	FS0361		Insp:	JET
Date of Visit	01/11/2018		No of mo	ovements/su	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	_
Movements on (from out with GB) of susceptible		novements on from equivalent MS	0	5	10	14	5
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	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	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		2
		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 I	Jnsecure		
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	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				
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				⊢
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0				
	Feeding unpas	•	5				<u> </u>
Biosecurity	<b>.</b>	Number of sites	1	2 or 3	≥ 4		<u> </u>
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0	1			
between sites, use of footbaths etc	No		1				
CoGP/Regulator							<u> </u>
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		30
				1	Rank		HIGH

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/20
Case No: 2018-0541	Site No:	FS0361
Sea Lice Inspection (Seawater Sites Only 1. Has the site experienced sea lice problem	•	N
	equivalent) fallowed synchronously on a single	year class basis? Y
3. Does the site have access to a range of I azamethiphos and emamectin benzoate) a can these be deployed in a reasonable period	icenced in-feed and bath sea lice medications (in swell as access to suitable biological and/or me	ncluding deltamethrin, chanical control measures, and
5. Are sea lice count records available for in	veneration? (Logal SSL CoCD Appart 6)	
	d standard specified in the SSI and the CoGP? (	
0. Do records adequately relieve the require		
7. Are sea lice ( <i>L. salmonis</i> ) record levels b records are inspected? (CoGP Annex 6)	elow the suggested criteria for treatment in the C	CoGP during the period that Y
records are inspected?	almonis) numbers per fish been at a level of 3 or	
	Health Inspectorate? If no, FHI see comment.	N/A
9. Is <i>C. elongatus</i> infestation at a level whic	h is considered to cause significant welfare prob	olems? (CoGP 4.3.81, 5.3.50) N
	nistered or other actions taken when <i>L. salmonis</i> elongatus is considered to have welfare implica	
11. Has any other action been taken (where	applicable)?	Y
12. Have therapeutic treatments or the action	ons taken had a significant impact upon the lice I	evels recorded? Y
13. Are treatments, where conducted, carrie	ed out in cooperation between participating farms	s? Y
sea lice?	e, where fewer populations or part populations an gement procedure with waypoints describing set	
scenarios during the escalation of a sea lice		actions to deal with recognised 1
16. Do the sea lice levels observed on stock	ks reflect sea lice count data? If no please detail	reasons. Y
Containment Inspection		
-	age due to predators in the current or previous p	production cycles? N
2. Are measures in place to mitigate agains	t the predation experienced on site? (Detail belo	w) Y
Tesioned nets, top nets, A.D.D.		
If other, detail below:		
	xperienced on or in the vicinity of the site since t	he last FHI inspection?
If Yes proceed with questions $4 - 9$ . If No sh		
4. Have these been reported to Scottish Mir	histers?	
5. Have these been reported to local DSFB	forthwith (where they exist)? (CoGP - 4.4.37, 5.	.4.17)
	nd local fisheries trusts forthwith (where they exi	
7. Were methods (if any) used to recover es	scapees? If yes give detail	
8. If all note were deployed was this action	agreed with local wild fish interests and was per	mission diven by Scottich
Ministers? (Legal, CoGP $-$ 4.4.38, 5.4.18)	agreed with local wild fish interests and was per	
	nimise the risk of further escapes? (Not covered	in code but could
be considered under satisfactory meas	ures of the Act)	
10. Is the site inspected as satisfactory with	regards to containment? If no, please detail rea	son(s) Y

Date of issue: 08/10/2018

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0541 Site	e No: FS0361	
Date of Visit: 01/11/2018	Inspector: JET	
Point of Compliance		
1. Is the farm under inspection located with If N, no further questions require completion		Y
Points of Compliance for Both Farm Mar	nagement Agreements and Statements	S
2. Has a current farm management agreem		ed?
<ol> <li>Is the current FMAg/S available for inspe</li> <li>Does the FMAg/S identify the relevant fail</li> </ol>		Y Y
5. Does the FMAg/S identify the fish farm si	te(s) to which it applies?	Y
<ul><li>6. Does the FMAg/S identify the date of con</li><li>7. Does the FMAg/S identify the date of rev</li></ul>	-	rent? Y
Arrangements for Fish Health Manageme	ent	
8. Does the FMAg/S identify the minimum h	ealth standards for the stocks to be intro	oduced to the area or Y
farm? 9. Does the FMAg/S identify the vaccinatior	requirements for stocks held in the area	a or farm?
10. Does the FMAg/S identify the species o	f fish which may be stocked into the area	a or farm?
11. Does the FMAg/S identify the maximum individual farm?	stocking density of any pen on any farm	n in the area or the Y
12. Does the FMAg/S identify the arrangem fish farm in the area or the individual farm?		dead fish from any
Arrangements for The Management of S	ea Lice	
13. Does the FMAg/S identify arrangements	s for the sharing of data on sea lice numb	pers and treatments? Y
14. Does the FMAg/S identify the availability of statement?	y and the use of medicines on farms cov	
15. Does the FMAg/S identify any requirem lice on farms in the area or individual farms		
16. Does the FMAg/S identify the circumsta used on farms in the area or individual farm	-	cleaner fish are to be
17. Does the FMAg/S identify the arrangem	ents for synchronous treatments on farm	ns within the area?
Live Fish Movements		
18. Does the FMAg/S identify the circumsta area or farm?	nces when live fish may be introduced o	
19. Does the FMAg/S identify the arrangem	ents for the movement of live fish on and	d off sites in the area Y
or individual farms?		

Harvesting

20. Does the FMAg/S identify acceptable harvest practices on farms in the area or individual farms?	Υ
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?	

Site No: FS0361

Case No: 2018-0541

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0541			Date of visit:	01/11/2018	]		
Site No:	FS0361	1		Inspector:	JET	]		
Deculto Summery	I _{Frog}		Date of Notification					
Results Summary	Freq.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
			-				-1	2 11150
							<u> </u>	┝───┤
							<u> </u>	
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI,CNI,SLI,VMD	07/11/2018	JET	DCB					

### 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 NOFB0125SITE NOFS0361INSPECTORJoe Triscott

 DATE OF VISIT
 01/11/2018

 SITE NAME
 Sian Bay

 CASE NO
 20180541

### 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 2013

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

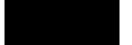
### Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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: 07/11/2018

Fish Health Inspector

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

FHI 059, Version 12	ls	sued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0542			Date of visit: 05/11/2018
Time spent on site: 4	hours	Main	Inspector: AJW
Site No: FS1062 Business No: FB0119	Site Name: Business Name:	Ardifuir Marine Harvest (Scotl	and) Ltd
Case Types: 1 ECI 2	2 CNI 3 SLI	4 5	6
Water Temp (°C): 12	Thermometer No:	T146	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA: M-40
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?		N If yes, see addition	nal information/clinical score sheet. nal information/clinical score sheet. nal information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail	reason below:	

Processing going to South Shian and Edinburgh smoked salmon in Dingwall. All dead haul. Harvests always from North Moine

Stocked 6/7 /18 from North Moine. Mix of Kames Hat and Selcoth.

This is the first fish input to the site by Kames

Dead fish movements (ensiled waste) removed by Ferguson's. Info available on waste disposal note.

Morts attributed to post treatment and failed fish.

Peak morts in cage A3 - 2.8% since stocking in July to date for cage.

Peak morts for the site; 0.25%/week - post treatment.

Last treatment 18th Sept; salmosan. Slice 8-16 sept. Due to increasing Caligus numbers.

Tricaine records - currently part of lice counts - going forward going to record on fish talk as not all required information recorded in lice count sheets.

current lice numbers; 0.8 adult females. 0.4 adult males 0.2 juv, 0.2 mobile, 2.3 Caligus

FMS- 2017-18

Site lease only allows stocking from July to Feb and 8 months in 2 years.

FHI 059, Version 12			Issued by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0542	Site No:	FS106	2			
Date of Visit:		05/11/2018		Inspector(s	s): AJW		]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary	ails checked by site repres	sentative?		ł	Y Y	]
<b>Site Details</b> Total No facilities Species Age group No Fish	RTR 2017 hat 170,822	5 Facilities	s stocked	5	No facilities	s inspected	5
Mean Fish Wt Next Fallow Date (S	2.3 ite)	Feb 28th 2019	Next Input D	Date (Site)	July 2020		
Recent (last 4 wks) If yes, detail:	disease prob	lems?		N Any escape	es (since last v	isit)?	Ν
5. Are records comp	ls available fo ction: blete and corr cords availab blete and corr	ectly entered? le for dead fish and wa			I	09/04/2014	Y Y Y Y N/A
	nts carried ou	it by (or on behalf) of th for maintenance of trar					N
Mortality Records 1. Mortality records 2. How are mortalitie		•		Ensiled - o	n site		Y
If other detail: 3. Mortality records 4. Recent mortality (	•		SITE/WK				Y
5. Evidence of recent If yes, facility nos/no		atypical mortalities? r facility/no stock per fa	cility/reason:				N
If yes, detail:		uring period checked?					N
If yes, detail action:		mortalities been report					N/A
8. Have 'mortality ev	vents' been re	eported to FHI? If no, a	dd MRT case and	enter on moi	rtality events sh	neet.	N/A

1. Recent treatments (last 4 wks)?	N
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	Ŷ
3. Are records complete and correctly entered?	N
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
If other, detail:	X
6. Are medicines stored appropriately?	Ý
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?	Ý
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: 6/7/18-5/11/18	

		Issued by: I Th					
Case Number:	2018-0542		Site No:	FS1062		Insp:	AJW
Date of Visit	05/11/2018		No of me	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	
with GB) of susceptible species		novements on from equivalent zone or including third country	0	9	18	26	
	Number of sup		0		10	14	
Movements off	Frequency of n	povements off	0	3	6	10	
	Number of des		0		6	10	
Exposure via water	•	Site contacts	<b>0</b>	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	•	0				
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		
On farm processing within the rules of the directive	No on farm pro	cessing	0				
	Processing own	n fish (re-cycling risk)	1				· · ·
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	from zone or compartment of us	4				
		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				
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				
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	5 1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		
	Sites sharing s	taff and equipment	0	1	2		
Disinfection of equipment	Yes		0	]			
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				
code of practice	No		3				
Platform access to cages	Yes		0				
	No		2				
					<b>Total</b> Rank		1: LOW

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0542	Site No:	FS1062
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems		N
2. Is the CoGP Farm Management Area (or e	equivalent) fallowed synchronously on a single y	ear class basis? N
azamethiphos and emamectin benzoate) as can these be deployed in a reasonable period	enced in-feed and bath sea lice medications (ind well as access to suitable biological and/or med d of time? ement agreement or statement relevant to the si	hanical control measures, and
5. Are sea lice count records available for ins	nection? (Legal SSL CoGP Annex 6)	Y
	standard specified in the SSI and the CoGP? (L	egal SSI CoGP Appex 6)
0. Do records adequately reliect the required		
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 Co	oGP during the period that Y
8. Have average adult female sea lice ( <i>L. sal</i> records are inspected?	monis) numbers per fish been at a level of 3 or a	above during the period that N
If yes, have these been reported to the Fish H	Health Inspectorate? If no, FHI see comment.	N/A
9. Is C. elongatus infestation at a level which	is considered to cause significant welfare proble	ems? (CoGP 4.3.81, 5.3.50) N
	istered or other actions taken when <i>L. salmonis</i> a elongatus is considered to have welfare implication	
11. Has any other action been taken (where a	applicable)?	Y
12. Have therapeutic treatments or the action	ns taken had a significant impact upon the lice le	vels recorded?
	l out in cooperation between participating farms?	
14. Is there a harvesting strategy for the site, sea lice?	where fewer populations or part populations are	e held without treatment for Y
scenarios during the escalation of a sea lice	ement procedure with waypoints describing set a infestation?	actions to deal with recognised Y
16. Do the sea lice levels observed on stocks	s reflect sea lice count data? If no please detail re	easons. Y
Containment Inspection		
-	ge due to predators in the current or previous pr	oduction cycles? N
2. Are measures in place to mitigate against	the predation experienced on site? (Detail below	/) Y
Top nets, ADD		
If other, detail below:		
	perienced on or in the vicinity of the site since the	
If Yes proceed with questions $4 - 9$ . If No ski		
4. Have these been reported to Scottish Minis	sters ?	
5. Have these been reported to local DSFB for	orthwith (where they exist)? (CoGP – 4.4.37, 5.4	l.17)
6. Have these been reported to the SSPO an	d local fisheries trusts forthwith (where they exis	t)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover esc	capees? If yes give detail	
8. If gill nets were deployed was this action a Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	greed with local wild fish interests and was perm	ission given by Scottish
9. What action was taken to prevent and min	imise the risk of further escapes? (Not covered in	n code but could
be considered under satisfactory measu	res of the Act)	
10. Is the site inspected as satisfactory with r	egards to containment? If no, please detail rease	on(s) Y

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0542 S	ite No: FS1062	
Date of Visit: 05/11/2018	Inspector: AJW	
Point of Compliance		
1. Is the farm under inspection located with If N, no further questions require completion	-	Y
Points of Compliance for Both Farm Ma	anagement Agreements and Statement	S
<ol> <li>Has a current farm management agreed</li> <li>Is the current FMAg/S available for insp</li> <li>Does the FMAg/S identify the relevant fa</li> <li>Does the FMAg/S identify the fish farm</li> <li>Does the FMAg/S identify the date of co</li> <li>Does the FMAg/S identify the date of re</li> </ol>	ection? arm management area? site(s) to which it applies? ommencement of the agreement or staten	Y Y Y
Arrangements for Fish Health Managen	nent	
<ul> <li>8. Does the FMAg/S identify the minimum farm?</li> <li>9. Does the FMAg/S identify the vaccination 10. Does the FMAg/S identify the species 11. Does the FMAg/S identify the maximum individual farm?</li> <li>12. Does the FMAg/S identify the arranger fish farm in the area or the individual farm?</li> <li>Arrangements for The Management of Statement 13. Does the FMAg/S identify arrangement 14. Does the FMAg/S identify the availabil of statement?</li> <li>15. Does the FMAg/S identify any requirer lice on farms in the area or individual farm</li> </ul>	on requirements for stocks held in the area of fish which may be stocked into the area m stocking density of any pen on any farm ments for the storage and disposal of any ? <b>Sea Lice</b> Its for the sharing of data on sea lice numb ity and the use of medicines on farms cov ments for the sensitivity testing of available s?	a or farm? a or farm? n in the area or the r dead fish from any bers and treatments? Y vered by the agreement Y e treatments for sea Y
16. Does the FMAg/S identify the circumst used on farms in the area or individual farm	ms?	
17. Does the FMAg/S identify the arranger	ments for synchronous treatments on farn	ns within the area? Y
Live Fish Movements		
<ul><li>18. Does the FMAg/S identify the circumstarea or farm?</li><li>19. Does the FMAg/S identify the arranger or individual farms?</li></ul>	·	

Harvesting	
20. Does the FMAg/S identify acceptable harvest practices on farms in the area or individual farms?	
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?	

Case No:	2018-0542	Date of visit: 05/11/2018								
Site No:	FS1062	İ		Inspector:	AJW	l				
Results Summary	Freq.			Dat	te of Notificat	tion				
·	·	Database	Insp			Writing	Insp	2 nd Insp		
Report Summary										
Case Type ECI, SLI, CNI	Date	Insp	2 nd Insp							
ECI, SLI, CNI	03/01/2019	AJW	DCB							

### marine scotland science



Marine Harvest (Scotland) Ltd Stob Ban House Glen Nevis Business Park Fort William PH33 6RX

### FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOFB0119SITE NOFS1062INSPECTORAmanda Walker

DATE OF VISIT05/11/2018SITE NAMEArdifuirCASE NO20180542

### 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.

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.

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

Full details of the use of the tricaine methanesulfonate was not being recorded. It was agreed with the site manager during the inspection that going forward the use of the anaesthetic will be recorded in "Fish talk". This information will include the date of administration, quantity administered, withdrawal period and identification of the animals treated.

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

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

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

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

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

Signed:



Date: 03/01/2019

**Fish Health Inspector** 

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

FHI 059, Version 12	lss	ued by: FHI		Date of	issue: 08/10/2018
Case No: 2018-0543				Date of visit:	05/11/2018
Time spent on site: 30	) mins	•	Main Inspector	r: A	JW
Site No: FS0356 Business No: FB0119	Site Name: Business Name:	North Moine Marine Harvest (S	Scotland) Ltd		
Case Types: 1 PSI 2	23	4	5	6	
Water Temp (°C):	Thermometer No:		]	FHI 045 comple	eted
Observations:	Region: ST	Water type:	S	CoGP MA:	M-40
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken? UNI/REG only - if unable to carry	d?	If yes, see ad If yes, see ad	dditional inform	nation/clinical sc nation/clinical sc nation/clinical sc	ore sheet.

Alphamax, post treatment morts due to high water temp. Treatment was due to increased caligus numbers.

peak losses;15%/cage post treatment.

Last lice count figures; 0.3 adult females, 0.1 adult males, 0.1 juv, 0.1 mobiles, 2.8 caligus.

				-	Buie		. 00/10/2010
Case Number:	2018-0543		Site No: FS0356 Insp:				AJW
Date of Visit	05/11/2018		No of me	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
	Number of sup	ncluding third country	0	5		14	0
	· ·	•		3			
Movements off	Frequency of n Number of des		0	3	6	10	3
Exposure via water	rtumber er dee	Site contacts	0	1-5			·
Water contacts with other		ed (secure water supply through					
farms (holding species susceptible to same	disinfection or		0				
diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure	l	
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within	No on farm pro	cessing	0	1			
the rules of the directive	Processing ow	n fish (re-cycling risk)	0				
		from MS of equivalent status	1				
		n from zone or compartment of	2				
	equivalent stat		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				
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		<u> </u>
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
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		14 LOW
					Kunk		

2018-0543

FHI 059, Version 12		Issued by: FHI	Date of issu	e: 08/10/2018
Case No: 2018-0543	Site No:	FS0356		
Date of case: 05/11/2018		Inspector(s):	AJW	
Business/site contacts correct?	(if no update site summ	nary sheet)	Y	
Site Details				
Total No facilities	12 No facilities	stocked 12		
SpeciesRTRAge group2017 hatch				
No Fish 315,000				
Mean Fish Wt 1.9				
Next Fallow Date (Site)	July 2019	Next Input Date (Site)	Oct 2019	
Date of last inspection: (ECI or	PSI) 02/11/2016	5		
Any recent increased or atypica	al mortalities? (last 4 wee	eks).	N	
If yes, detail:				
e.g. site average, max				
per cage				
Any increased mortalities? (sin	co last inspection )			
If yes, detail: see mort event	• •			
			Englied on	
How are mortalities disposed o	f?		Ensiled - on site	
If other detail:				
Any treatments? (since last ins	naction)			
If yes, detail: Alphamax		1		
Other:				
Any disease on site? (since las	t inspection)		N	
If yes, detail:				
		inctions have convird out by	er en hehelf	
Has any animal health surveilla of, the business?	ince or diagnostic investi	igations been carried out by,	or on benali	
Any significant results?			Y	
If yes, detail complex gill iss	ues, AGD scores low. E	nvironmental issues		
Is there a history of sea lice iss	ues at the site in previou	is 4 vears	Ν	
If yes, detail:				
	lovele below the recomm	mandad liga layala?		
Has site been able to keep lice If no, detail:	levels below the recomm	nended lice levels?	T	
Treatment discharge for sea lic			Y	
If yes, detail: Alphamax	Salmosan	Slice	H2O2	
Where sea lice treatments have	e been administered hav	ve they had an effect?	Y	
If no, detail:				
Is a management area agreem	ent in place?		Y	
Does your CoGP Farm manage	ement area fallow in syne	chrony?	N	
Any reported escapes? (check	prior to phone call)		N	
Any escapes? (since last inspe			N	
If yes, detail:				
(include date)				

Ν

Any significant changes to your biosecurity procedures since previous visit?

If yes, detail:

Issued by: FHI

Case No: 2018-0543 Site No: FS0356 Date of visit: 05/11/2018

Start date:		Size of fish:	Average weight of affected population:	Species:	Yearclass:	Timescale	Mortality rate recorded(%):	Explained/ unexplained:	If explained, select reason(s):
10/09/18	17/09/2018	≥750g	1.3	RTR	2017 hat	Weekly	1.77	Explained	post treatment - alphamax

If unexplained, select observations:	Total mortality during event (if available):	Additional information (e.g. action taken by company):	Action taken by FHI (include case no where applicable):				
	6830	divers in to remove morts, feed reduced, monitored and not handled. Water temp had been 14c during treatment and though this may have contributed to the problem.	current mort figures 0.07%, 245 fish for site for week				

Case No:	2018-0543	Date of visit: 05/11/2018								
Site No:	FS0356	l		Inspector:	AJW	I				
Results Summary	Freq.			Date of Notification						
,		Database	Insp			Writing	Insp	2 nd Insp		
				1						
Report Summary										
Case Type	Date	Insp	2 nd Insp							
PSI	13/12/2018	AJW	JET							





Marine Harvest (Scotland) Ltd Stob Ban House Glen Nevis Business Park Fort William PH33 6RX

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>s No</b> FB0119	FS0356	or Amanda M
USINESS	ITE NO	SPECTOR

DATE OF CASE 05/11/2018 SITE NAME North Moine CASE NO 20180543

### Routine surveillance frequency assessment under the Aquatic Animal Health (Scotland) Regulations 2009

2009, and to meet the requirements of European Community Council Directive (Scotland) Health accordance with the Aquatic Animal .⊆ was contacted site Regulations The above 2006/88/EC The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

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 surveillance frequency category of the site was assessed as low. An inspection under the

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

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

Signed:

Date: 13/12/2018

Fish Health Inspector

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

Tel - 0131 244 3498 Fax - 0131 244 0944 Email - ms.fishhealth@gov.scot AB11 9DB Marine Laboratory, 375 Victoria Road, Aberdeen, Website - <u>www.gov.scot/Topics/marine/science</u>

R26

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0544			Date of visit: 06/11/2018
Time spent on site:	5 hours	Main Inspec	ctor: AJW
Site No:FS0859Business No:FB0119	Site Name: Business Name:	Port Na Cro Marine Harvest (Scotland) Lt	td
Case Types: 1 VMD	2UNI 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA: M-40
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	y out intended visit deta	il reason below:	

### **Additional Case Information:**

Fish on site from Glenfinnan. Site fully stocked. Final input last night.

Fallowed since 6th Nov 2017.

Fish morts ensiled at Kames pier, no records of the movement of fish off site.

Lump fish input planed in 2 weeks time, farmed from Anglesey.

650 morts since input. Approximately 10000 "morts" attributed to inventory loss since input. These are a discrepancy between input counts and output counts.

FHI 059, Version 11			lssu	ed by: FHI			Date of issu	ie: 12/09/2017	
Case No:	2018-0544	]	Site No:	FS0859	)				
Date of Visit:		06/11/2018	]		Inspector(s):	AJW		]	
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			N N/A	]	
Site Details									
Total No facilities Species Age group	sal 2018 Q4	4	Facilities sto	cked	4	No facilitie	es inspected	4	
No Fish	360,000 1850								
	-	May 2020		Next Input Da	ate (Site)	Autumn 20	020		
Mean Fish Wt       185g       May 2020       Next Input Date (Site)       Autumn 2020         Recent (last 4 wks) disease problems?       N Any escapes (since last visit)?       N         If yes, detail:       Image: Complete and correctly entered?       Image: Complete and correctly entered?       Image: Complete and correctly entered?									
<ol> <li>Movement record</li> <li>Date of last inspectively</li> </ol>	s available fo ction: lete and corr cords availab lete and corr ates for introc	ectly entered? le for dead fis ectly entered?	h and waste?				06/11/2017	Y Y N/A N/A	
1. Are any movemer If yes, is there a syst									
Mortality Records									
<ol> <li>Mortality records a</li> <li>How are mortalitie</li> <li>If other detail:</li> <li>Mortality records a</li> </ol>	es disposed o complete and	of?		-1	Other (detail	)		Y Y	
<ol> <li>Recent mortality (</li> <li>Evidence of recent</li> </ol>	,	atvoical mortal	see addition	ai into				N	
If yes, facility nos/no		••		/reason:					
6. Any other peaks in If yes, detail:	n mortality du	iring period ch	necked?					N	
7. Have increased (u	inexplained)	mortalities be	en reported to	o vet or FHI?				N/A	
If yes, detail action: 8. Have 'mortality ev	ents' been re	ported to FHI	? If no. add M	IRT case and e	enter on morta	ality events s	sheet.	N/A	
		1				.,			

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	N
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
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 <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	
Results of Surveillance	
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: 6/11/17- date	

F۲	HI 059, Version 11							lss	ued by:	FHI			
	Case no:	2018-05	544	Site No	:	FS0859	1		Date of		06/	11/2018	
	Priority samples:	VI		BA		PA		MG	Samplin	g: HI		I	
	Time sampling starts/ends:		0:00		0:00	]	Inspecto	or:	AJW		VMD N	o.	28
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		BA		MG		VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No	4 7	0.4.4	45.04	22.20								
_	Fish nos Pool Group	1-7	8-14	15-21	22-28								
	Species	Sal	Sal	Sal	Sal								
	Average weight	250g	250g	250g	250g								
	Sex	2009	2009	2009	2009								
	Water Type	SW	sw	sw	SW								
Stock Details		1 Glenfinnan	5 Glenfinnan	ა Glenfinnan	4 Glenfinnan								

	Addition	nal Sam	ple Infor	mation:											
0	D Total Tests assigned 0														

Site No: FS0859

Case No: 2018-0544

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0544	Date of visit: 06/11/2018							
Site No:	FS0859	]		Inspector:	AJW	]			
Results Summary	Freq.			Da	te of Notifica	tion			
	1 109.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
Depart Current and	-			1					
Report Summary Case Type	Date	Insp	2 nd Insp						
VMD, UNI	26/11/2018	AJW	KAS						



Marine Harvest (Scotland) Ltd Stob Ban House Glen Nevis Business Park Fort William PH33 6RX

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOFB0119SITE NOFS0859INSPECTORAmanda Walker

 DATE OF VISIT
 06/11/2018

 SITE NAME
 Port Na Cro

 CASE NO
 20180544

# Inspection under the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 2013

The above site was visited in accordance with the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 2013. On this occasion the inspection was unannounced to meet the requirements of European Council Regulation 882/2004.

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 found to be inadequately maintained.

Mortality records were inspected and found to be adequately maintained.

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

The movement of mortalities off site were not recorded. Following discussions with the site manager the movement of mortalities from the site to Kames Bay pier for ensiling will be recorded in the Aquaculture Animal and Product Movement Record book.

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



Date: 26/11/2018

FHI 059, Version 12	lss	ued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0549			Date of visit: 07/11/2018
Time spent on site:	6 hours	Main Inspe	ector:
Site No: FS0299 Business No: FB0125	Site Name: Business Name:	Dunstaffnage Scottish Sea Farms Ltd	
Case Types: 1 ECI	2 CNI 3 VMD	4 SLI 5	6
Water Temp (°C): 12.2	Thermometer No:	T146	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?	ed?	N If yes, see additional ir N If yes, see additional ir N	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detail re	ason délow:	

## Additional Case Information:

Increased morts post input fish from Clacbreac. Fungus in fw. Lost 27,000 in first few weeks although overage is added to the actual mort figures. Pre movement vet checks were carried out.

Wrasse on site wild caught by meaning in Mull area. A small amount of rod caught from Weymouth.

Previous cycle no significant health issues. Harvesting at 7-10kg as harvest prolonged due to fish doing well.

Send a new movement book

Shore base on island of Kerrera with incinerator. For sole use of Dunstaffnage

Post treatment thermolicer morts; 95 fish in cage 3. Treatment on 29th and 30th October. Lice level were at increased prior to treatment. Post treatment counts were low bringing weekly counts below the reporting threshold for the weekly average. Infeed slice treatment in summer.

Last weeks morts attributed to; 191 to concussion (hitting feed pipes) and 434 post thermolicer.

Fish health checked prior to thermolicer treatment. Visit from SSF health team.

Last lice levels; week 43, 1 week post thermolicer; juv 0.34, mobile 1.1, gravid females; 0.2, non gravid females; 0.1. Lice levels before treatment; juv; 0.11, mobiles 4.4, gravid females 2.03, non gravid females; 2.9.

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0549		Site No:	FS0299	9			
Date of Visit:		07/11/2018	3		Inspector(s	):		]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		site represent	ative?			Y Y	]
Site Details								
Total No facilities		9	Facilities sto	ocked	9	No facilitie	es inspected	9
Species	sal	wrasse						
Age group	2018 S1	wild						
No Fish	271,079	10,000						
Mean Fish Wt	1.6	adults						
Next Fallow Date (S	ite)	aug 2019		Next Input Da	ate (Site)	sep/nov 2	019	
Recent (last 4 wks)	disease prob	lems?		Ν	Any escape	s (since last	visit)?	N
If yes, detail:						- (		
Movement Records	5							
1. Movement record	s available f	or inspection?						Y
2. Date of last inspe		•					20/04/2015	-
3. Are records comp	lete and cor	rectly entered	?					Y
4. Are movement re	cords availal	ble for dead fis	sh and waste?	?				N/A
5. Are records comp	lete and cor	rectly entered	?					N/A
6. Are health certific	ates for intro	ductions (out	with GB) availa	able?				N/A
Transport Records								
1. Are any movement	nts carried or	ut by (or on be	ehalf) of the bu	usiness (not us	sing a STB)?			N
If yes, is there a syst	tem in place	for maintenar	nce of transpo	rtation records	?			
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortalitie	es disposed	of?			Incinerated	- on site		
If other detail:								
3. Mortality records	complete an	d correctly ent	tered?					Y
4. Recent mortality (	last 4 wks):		last count; 0	.31% site last	2 weeks. Cor	ncussion and	l post treatme	nt
5. Evidence of recer	nt increased/	atypical morta	lities?					N
If yes, facility nos/no	mortality pe	r facility/no sto	ock per facility	/reason:				
C. A muse the sum of a large i			h a alva dQ					
<ol><li>Any other peaks i If yes, detail:</li></ol>		• •	necked?					Ŷ
7. Have increased (	post input -		on reported t					N/A
If yes, detail action:	inexplained)	inortanties be	en reported to					13/74
8. Have 'mortality ev	ents' been r	eported to FH	? If no add M	IRT case and	enter on mor	tality events	sheet	N/A

1. Recent treatments (	ast 4 wks)?		Y
If yes, detail:	thermolicer		
If other, detail:			
	vailable for inspection?		Y
· · · ·	e and correctly entered?		Y
4. Are fish in a withdra	-		Y
5. If yes, what treatment	nt(s)?	TMS	
If other, detail:			
6. Are medicines store	d appropriately?		Y
Biosecurity Records			
-	available for inspection?		Y
-	· · · · · · · · · · · · · · · · · · ·	ling and safe disposal been considered?	Y
	• • • •	ottish Ministers or veterinary professional of any	•
	d) mortality at the site been included?		Y
4. Has the action that v	vill be taken in the event that the prese	nce or suspicion of the presence of a listed disease	Y
is detected been includ	led and how and when that will be not	fied to Scottish Ministers?	
5. Has the health statu	s of aquaculture animals being stocked	on the farm site been covered (equal or higher	Y
health status, certificat	on if required)?		
-	· · ·	d between each epidemiological unit to minimise	Y
	•	itors, equipment, live or dead fish etc.)?	
		e to maintain the physical containment of	Ŷ
aquaculture animals he			
	procedures been adequately impleme	nted on site?	Ý
If no, detail:			
<b>Results of Surveillan</b>	ce		
1 Has any animal hea	Ith surveillance been carried out by, or	on behalf of the business?	Y
2. If yes, are results av	•		Y
3. Any significant resul	-		N
	ailed under recent disease problems).		
,			
Re	cords checked between:	20/4/15-7/11/18	

F۲	H 059, Version 12							lss	ued by:	FHI			
	Case no:	2018-05	549	Site No:		FS0299			Date of		07/	11/2018	
	Priority samples:	VI		BA		PA		MG	Samplin	g: HI		I	
	Time sampling starts/ends:	12:0	0:00	13:0	0:00	l	Inspecto	or:			VMD No	D.	13
	Environmental conditions:	1	Wet	2	Windy	3		4		5			
	Summary samples	HIST		BA		MG		VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2	3									
	Pool Group												
	Species	SAL		SAL									
	Average weight	1.6000	1.6000	1.6000									
	Sex												
	Water Type	SW	SW	SW									
Stock Details	Stock Origin Facility No	4 Clacbreac	о Clacbreac	භ Clacbreac									
0	r donity 110	4	0	3									

Additional Sample Information:													
0 Total Tests assigned 0													

THE 039, VEISION 12		Issued by. I Th			Date	01 13500	. 00/10/2010
Case Number:	2018-0549		Site No:	FS0299		Insp:	
Date of Visit	07/11/2018		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	5	10	14	<u> </u>
Movements off	Frequency of n	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	disinfection or	· · · · · · · · · · · · · · · · · · ·	0				
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
		or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices	•		None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	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				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	i 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		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 Rank		17 MEDIUM
					i (ai ii)		

Case No:	2018-0549		Site No:	FS0299				
		-						
Sea Lice Inspection (			_					
	•	s in the previous 4 years			Ν			
2. Is the CoGP Farm M	lanagement Area (or e	equivalent) fallowed syn	chronously on a single ye	ear class basis?	Ν			
azamethiphos and ema can these be deployed	amectin benzoate)as I in a reasonable perio	well as access to suitab d of time?	sea lice medications (inc ole biological and/or mech atement relevant to the si	nanical control measur	es, and			
Management Area (or	-				·			
5. Are sea lice count re	ecords available for ins	pection? (Legal SSI, Co	oGP Annex 6)		Y			
6. Do records adequate	ely reflect the required	standard specified in th	e SSI and the CoGP? (L	egal SSI, CoGP Anne>	(6) Y			
records are inspected?	? (CoGP Annex 6)		ria for treatment in the Co					
8. Have average adult female sea lice ( <i>L. salmonis</i> ) numbers per fish been at a level of 3 or above during the period that records are inspected?								
If yes, have these been	n reported to the Fish I	Health Inspectorate? If n	o, FHI see comment.					
9. Is <i>C. elongatus</i> infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)								
10. Have therapeutic treatments been administered or other actions taken when <i>L. salmonis levels</i> have exceeded the suggested criteria for treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)								
11. Has any other action	on been taken (where a	applicable)?			Y			
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?								
13. Are treatments, where conducted, carried out in cooperation between participating farms?								
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?								
	15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised Y scenarios during the escalation of a sea lice infestation?							
16. Do the sea lice leve	els observed on stocks	s reflect sea lice count d	ata? If no please detail re	easons.	Y			
Containment Inspect	ion							
		ge due to predators in t	he current or previous pro	oduction cycles?	Ν			
			ed on site? (Detail below	-	Y			
ADD, top nets	Jee te timigate againet			/				
· ·								
If other, detail below:								
3. Have escape incide	ents or events been ex	perienced on or in the vi	cinity of the site since the	e last FHI inspection?	Ν			
If Yes proceed with que	estions 4 – 9. If No ski	p to question 10						
4. Have these been rep								
5. Have these been rep	ported to local DSFB fo	orthwith (where they exis	st)? (CoGP – 4.4.37, 5.4	.17)				
6. Have these been rep	ported to the SSPO an	d local fisheries trusts fo	orthwith (where they exist	t)? (CoGP – 4.4.37, 5.4	4.17)			
7. Were methods (if an	ny) used to recover esc	apees? If yes give deta	il					
8. If gill nets were depl Ministers? (Legal, CoG		greed with local wild fish	n interests and was perm	ission given by Scottis	h			
9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could								
be considered unde	r satisfactory measu	res of the Act)						
10. Is the site inspecte	d as satisfactory with r	egards to containment?	If no, please detail reaso	on(s)	Y			

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0549 Site No	p: FS0299	
Date of Visit: 07/11/2018	Inspector:	
Point of Compliance		
1. Is the farm under inspection located within a If N, no further questions require completion.	farm management area?	Y
Points of Compliance for Both Farm Manage	amont Agreements and Statements	
	-	
<ol> <li>Has a current farm management agreement</li> <li>Is the current FMAg/S available for inspection</li> </ol>		l? Y
<ol> <li>Does the FMAg/S identify the relevant farm r</li> <li>Does the FMAg/S identify the fish farm site(s)</li> </ol>	-	Y
6. Does the FMAg/S identify the date of comme	encement of the agreement or stateme	ent?
7. Does the FMAg/S identify the date of review?	?	Y
Arrangements for Fish Health Management		
8. Does the FMAg/S identify the minimum healt farm?	h standards for the stocks to be introd	uced to the area or Y
9. Does the FMAg/S identify the vaccination rec	•	
<ol> <li>Does the FMAg/S identify the species of fish</li> <li>Does the FMAg/S identify the maximum store</li> </ol>	-	
individual farm?		
12. Does the FMAg/S identify the arrangements fish farm in the area or the individual farm?	s for the storage and disposal of any de	ead fish from any Y
Arrangements for The Management of Sea L	ice	
13. Does the FMAg/S identify arrangements for	the sharing of data on sea lice numbe	ers and treatments? Y
14. Does the FMAg/S identify the availability an of statement?	d the use of medicines on farms cover	
15. Does the FMAg/S identify any requirements lice on farms in the area or individual farms?	for the sensitivity testing of available t	
16. Does the FMAg/S identify the circumstance used on farms in the area or individual farms?	s under which biological controls and o	cleaner fish are to be Y
17. Does the FMAg/S identify the arrangements	s for synchronous treatments on farms	
Live Fish Movements		
18. Does the FMAg/S identify the circumstance area or farm?	s when live fish may be introduced or i	removed from the Y
19. Does the FMAg/S identify the arrangements or individual farms?	s for the movement of live fish on and o	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? 2017-2019	

Site No: FS0299

Case No: 2018-0549

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0549	Date of visit: 07/11/2018						
Site No:	FS0299	l		Inspector:		1		
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type ECI, SLI, CNI,VMD	Date	Insp	2 nd Insp					
ECI, SLI, CNI,VMD	27/11/2018							



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 NOFB0125SITE NOFS0299INSPECTORAmanda Walker

DATE OF VISIT07/11/2018SITE NAMEDunstaffnageCASE NO20180549

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

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

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

#### Records

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

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

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

Mortality records were inspected and found to be adequately maintained. No mortality levels exceeding the reporting criteria have been recorded since the last inspection.

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

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

Inspection under the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 2013

Medicine records were inspected and found to be adequately maintained.

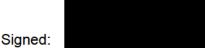
Samples were taken to be analysed for veterinary residues.

#### 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: 27/11/2018

Fish Health Inspector

FHI 059, Version 12	Issu	ed by: FHI		Date of issue: 08/10/2018
Case No: 2018-0550				Date of visit: 05/11/2018
Time spent on site: 30	0 min	]	Main Inspector	r: WJM
Site No: SS0724 Business No: SB0465	Site Name: Business Name:	The Ham, Papa Suthra Voe She		
Case Types: 1 ECI	2 3	4	5	6
Water Temp (°C): N/A	Thermometer No:			FHI 045 completed
Observations:	Region: SH	Water type	: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N/A If yes, see	additional inform	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail rea	ison below:		

## FHI 059, Version 12 Additional Case Information:

Site currently fallow. No lines currently in the water. Have recently taken over operation of site from sites current owner. All equipment has recently been removed from site, leaving the minimum amount of equipment to retain the site as active.

FHI 059, Version 12		ไรรเ	ued by: FHI		Date	of issue: 08/	10/2018
Case No: 2018	8-0550	Site No:	SS072	4			
Date of Visit:	05/11/201	18		Inspector(s	): WJM		
Registration/Authorisat 1. Business/site details su 2. Changes made to deta	ummary checked by	site represent	ative?		Y N		
Site Details							
Total No facilities Species	2	Facilities sto	ocked	0	No facilities insp	ected 2	
Age group							
No Fish							
Mean Fish Wt							
Next Fallow Date (Site)	CURRENT	LY FALLOW	Next Input D	ate (Site)	SPRING/SUMM	ER 2019	
Descript (least 4 volue) aliana	a a mach la ma Q						
Recent (last 4 wks) disea	se problems?			N Any escape	es (since last visit)?	N	
Movement Records							
	vilable for increation	2					Y
<ol> <li>Movement records available</li> <li>Date of last inspection:</li> </ol>		ſ			08/1	1/2016	
3. Are records complete a		d?			00/1	1/2010	Y
4. Are movement records	•		?				N/A
5. Are records complete a	and correctly entere	d?					N/A
6. Are health certificates	for introductions (ou	twith GB) avail	able?				N/A
Transport Records							
1. Are any movements ca	arried out by (or on t	pehalf) of the b	usiness (not u	sing a STB)?			
If yes, is there a system in	n place for maintena	ance of transpo	rtation record	s?			
Mortality Records							
1. Mortality records availa							Y
2. How are mortalities dis	•			Other (deta	ail)		
	ty shells drop to sea						
<ol> <li>Mortality records comp</li> <li>Recent mortality (last 4)</li> </ol>	•						ř
	,	no observed	amonanties				N/A
5. Evidence of recent incl If yes, facility nos/no more	••		//reason:				
6. Any other peaks in mo	rtality during period	checked?					N/A
If yes, detail:							
7. Have increased (unexp	plained) mortalities b	been reported t	o vet or FHI?				N/A
If yes, detail action:	heen reported to El						N1/A
8. Have 'mortality events'	been reported to FI	⊣i? IT no, add N	IKI case and	enter on mol	tailty events sheet.		N/A

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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.)?	V
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	T
8. Have the biosecurity procedures been adequately implemented on site?	V
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: 08/11/2016 - 05/11/2018	

-HI 059, Version 12	Issued by: FHI			Date	of issue: 08/1
Case Number:	2018-0550 Site No:	SS072	24		
Date of Visit	05/11/2018 Inspector:	WJM			
Number of Susceptik	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	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	0
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	10
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS		5		0
	Frequency of movements on from equivalent wide				<u> </u>
	compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Movements off	Frequency of movements off within MSS Management				
	Areas	0	1	2	0
	Frequency of movements off outwith MSS Management				
				<b>^</b>	0
	Areas	0	3	6	0
	Areas Number of destinations	0	3	6 6	0
Management practices			3 Secure (effluent		
	Number of destinations	0	3 Secure (effluent	6 Unsecure (no effluent	
practices	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	Number of destinations Depuration of stock from own sites within MSS management area	0	3 Secure (effluent	6 Unsecure (no effluent	
water contacts with	Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 None	3 Secure (effluent treatment) 1	6 Unsecure (no effluent treatment) 2	0
water contacts with	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)	0
Water contacts with	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
practices Water contacts with depuration facilities	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	3 Secure (effluent treatment) 1 2	6 Unsecure (no effluent treatment) 2 6	0 0 0
practices Water contacts with depuration facilities Biosecurity	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	3 Secure (effluent treatment) 1 2 4	6 Unsecure (no effluent treatment) 2 6 8	0 0 0
practices Water contacts with depuration facilities	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	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 0
practices Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Sites operating from single shorebase	0 None 0 0 0 1 0	3 Secure (effluent treatment) 1 2 4 2 or 3 1 1	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0
practices Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Sites operating from single shorebase	0 None 0 0 0 1 0	3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0
practices Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         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	0 0 0 0
practices Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         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	0 0 0 0 0
practices Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         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	0 0 0 0 0

Case No:	2018-0550			Date of visit:	05/11/2018			
Site No:	SS0724			Inspector:	WJM	l		
Results Summary	Freq.			Dat	te of Notificat			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Denert Currencer (				1				
Report Summary Case Type ECI	Date	Inon	ond					
	18/12/2018	Insp W/ IM	2 nd Insp DCB					
	10/12/2010	VV 01VI	DOD					



Suthra Voe Shellfish c/o Blueshell Mussels Ltd Unit 1, Sparl Brae Shetland ZE2 9QJ

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0465SITE NOSS0724INSPECTORWarren Murray

DATE OF VISIT05/11/2018SITE NAMEThe Ham, Papa LittleCASE NO20180550

### 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.

On this occasion, the site was found to be fallow.

Records

R14

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.

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: 18/12/2018

FHI 059, Version 12	Issu	ued by: FHI	Date of issue: 08/10/2018			
Case No: 2018-0551			Date of visit: 05/11/2018			
Time spent on site:	30 min	Main I	nspector: WJM			
Site No:SS0727Business No:SB0465	Site Name: Business Name:	Cole Ness Shellfish Suthra Voe Shellfish				
Case Types: 1 ECI	23	4 5	6			
Water Temp (°C): N/A	Thermometer No:		FHI 045 completed			
Observations:	Region: SH	Water type: S	CoGP MA:			
Dead/weak/abnormally behaving Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	• •	<ul> <li>N/A If yes, see additional information/clinical score sheet.</li> <li>N/A If yes, see additional information/clinical score sheet.</li> <li>N/A If yes, see additional information/clinical score sheet.</li> <li>N/A</li> </ul>				
UNI/REG only - if unable to carr	y out intended visit detail rea	ason below:				

Site currently fallow. No lines currently in the water. Have recently taken over operation of site from sites current owner. All equipment has recently been removed from site, leaving just the minimum amount of equipment to retain the site as active.

FHI 059, Version 12		lssu	ed by: FHI			Date of issu	e: 08/10/2018
Case No: 20	018-0551	Site No:	SS0727	7			
Date of Visit:	05/11/2018	]		Inspector(s)	): WJM		]
Registration/Authoris 1. Business/site details 2. Changes made to de	s summary checked by s	ite representa	ative?			Y N	]
Site Details		-		_	_		
Total No facilities Species	4	Facilities sto	ocked	0	No facilities	s inspected	4
Age group							
No Fish					_		
Mean Fish Wt							
Next Fallow Date (Site)	) CURRENTL	Y FALLOW	Next Input Da	ate (Site)	SPRING/S	UMMER 201	9
			_ 	7.	· · · · ·		
Recent (last 4 wks) dis If yes, detail:	ease problems?			Any escape	s (since last v	/isit)?	Ν
Movement Records							
<ol> <li>Movement records a</li> <li>Date of last inspection</li> </ol>	available for inspection?					08/11/2016	Y
	te and correctly entered?	)				00/11/2010	Y
	rds available for dead fis		,				N/A
	te and correctly entered?						N/A
	es for introductions (outw		able?				N/A
Transport Records							
1. Are any movements	carried out by (or on be	half) of the bu	usiness (not us	sing a STB)?			
If yes, is there a system	n in place for maintenan	ce of transpo	rtation records	?			
Mortality Records							
1. Mortality records ava							Y
2. How are mortalities	•			Other (deta	il)		
	mpty shells drop to seab						
<ol> <li>Mortality records cord</li> <li>Recent mortality (last</li> </ol>	mplete and correctly enternation						ř
• •	<i>,</i>	no observed	montaillies				N/A
	ncreased/atypical mortal ortality per facility/no sto		/reason:				
	Strainty por radiity/rid std	on por raointy	,100001.				
6. Any other peaks in n	nortality during period ch	ecked?					N/A
If yes, detail:							
	explained) mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:	ts' been reported to FHI	2 If no add M	IPT case and	ontor on mor	ality events a	hoot	N/A
o. nave monality even		: IT HU, aud IV	int case and			neel.	

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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.)?	V
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	T
8. Have the biosecurity procedures been adequately implemented on site?	V
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: 08/11/2016 - 05/11/2018	

FHI 059, Version 12	Issued by: FHI			Date	e of issue: 08/	/10/20
Case Number:	2018-0551 Site No:	SS072	27			
Date of Visit		WJM				
Number of Susceptil				<b>_</b>		
	ies present = <u>LOW</u> risk					
	present, score for each pathogen		No	Yes		
· ·	Susceptible to Bonamia ostrea (OED)		0	25	0	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3	
	Susceptible to OsHV (CGI)		0	3	0	
Sites within a tidal e	vouroien	1	2-5	>6		
Site contacts		-	23			
Sile contacts	Number of sites holding susceptible species within a tic excursion	al 0	2	10	10	
_ive shellfish moven		0	1-2	>3		
Movements on	Frequency of movements on from equivalent MS	0	5	10	0	
	Frequency of movements on from equivalent zone or					
	compartment including third country	0	10	20	0	
	Number of suppliers	0	5	10	0	
Movements off						
	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	0	
		-	1	2	0	
	Frequency of movements off outwith MSS Management		2	c	0	
	Areas Number of destinations	0	3	6 6	0	
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)		
Water contacts with	Depuration of stock from own sites within MSS					
depuration facilities	management area	0	1	2	0	
	Depuration of stock from other businesses sites within					
	MSS management area	0	2	6	0	
	Depuration of stock from sites outwith MSS manageme	-				
	area	0	4	8	0	
	Number of sites	4	) or 2	24		
Biosecurity Contacts with other		1	2 or 3	<b>≥4</b>	2	
sites	Sites operating from single shorebase Sites sharing staff and equipment	0	1	5	5	
51105		Ŭ		Ŭ	Ĵ	
			Yes	No	·	
	Disinfection of equipment between sites, use of footb	0	2	0		
			Total		20	
			Risk		MEDIUM	
			I/ISK			

Case No:	2018-0551			Date of visit:	05/11/2018			
Site No:	SS0727	l		Inspector:	WJM	l		
Results Summary	Freq.			Dat	te of Notificat			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Report Summary Case Type ECI	Date	Insp	2 nd Insp					
ECI	18/12/2018	WJM	DCB					
			_					



Suthra Voe Shellfish c/o Blueshell Mussels Ltd Unit 1, Sparl Brae Shetland ZE2 9QJ

# FISH HEALTH INSPECTORATE VISIT REPORT

## SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0465SITE NOSS0727INSPECTORWarren Murray

DATE OF VISIT05/1SITE NAMEColeCASE NO201

05/11/2018 Cole Ness Shellfish 20180551

### 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.

On this occasion, the site was found to be fallow.

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.

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.

R14

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



R14

Date: 18/12/2018

FHI 059, Version 12	Is	sued by: FHI	Date of issue: 08/10/2018			
Case No: 2018-0552			Date of visit: 05/11/2018			
Time spent on site:	30 min	Main Insp	ector: WJM			
Site No: SS0725 Business No: SB0465	Site Name: Business Name:	Boat Geo Suthra Voe Shellfish				
Case Types: 1 ECI	23	4 5	6			
Water Temp (°C): N/A	Thermometer No:		FHI 045 completed			
Observations:	Region: SH	Water type: S	CoGP MA:			
Dead/weak/abnormally behavir Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	• .	N/A If yes, see additional information/clinical score sheet. N/A If yes, see additional information/clinical score sheet. N/A If yes, see additional information/clinical score sheet. N/A				
UNI/REG only - if unable to car	ry out intended visit detail r	reason below:				

Site currently fallow. No lines currently in the water. Have recently taken over operation of site from sites current owner. Equipment has recently been removed from site leaving just the minimum amount of equipment to retain the site as active.

FHI 059, Version 12		lssu	ied by: FHI		Da	te of issue:	: 08/10/2018
Case No: 2	018-0552	Site No:	SS072	5			
Date of Visit:	05	/11/2018		Inspector(s	): WJM		
Registration/Authoria 1. Business/site details 2. Changes made to d	s summary chec	ked by site represent	ative?		Y N		
Site Details				_	_		
Total No facilities Species	4	Facilities sto	ocked	0	No facilities ins	spected 4	1
Age group							
No Fish							
Mean Fish Wt							
Next Fallow Date (Site	e) CUF	RRENTLY FALLOW	Next Input D	ate (Site)	SPRING/SUM	MER 2019	
					( · · · · · · · · · · · · · · · · · · ·		
Recent (last 4 wks) dis	sease problems	?		N Any escape	es (since last visit)	)? [ſ	N
-							
Movement Records						г	V
<ol> <li>Movement records</li> <li>Date of last inspecti</li> </ol>		Dection?			08/	/11/2016	Y
3. Are records comple		entered?			00/	11/2010	Y
4. Are movement reco	•		>			-	N/A
5. Are records comple							N/A
6. Are health certificate			able?				N/A
Transport Records							
1. Are any movements	s carried out by (	or on behalf) of the b	usiness (not u	sing a STB)?		Γ	
If yes, is there a system	m in place for m	aintenance of transpo	rtation records	s?			
Mortality Records							
1. Mortality records av		ction?					Y
2. How are mortalities	•			Other (deta	uil)		
	mpty shells drop						
3. Mortality records co	•						ř
4. Recent mortality (la	•	no observed	monaillies				N/A
5. Evidence of recent i If yes, facility nos/no m	••		/reason:			L	
			/1003011.				
6. Any other peaks in	mortality during	period checked?					N/A
If yes, detail:							
7. Have increased (un	explained) morta	alities been reported t	o vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality ever	ats' been reporte	d to EHI2 If no. odd M	IPT case and	ontor on mor	tality overte choo	t.	N/A
U. Have multally ever	no been reputte	a lo i i i i i i i i add i	INT CASE allu		tanty events silee	/L.	

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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	V
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: 08/11/2016 - 05/11/2018	

HI 059, Version 12	Issued by: FHI			Date	of issue: 08
Case Number:	2018-0552 Site No:	SS072	25		
Date of Visit	05/11/2018 Inspector:	WJM			
Number of Susceptil	ble species on site				
	ies present = <u>LOW</u> risk				
susceptible species	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	0
Sites within a tidal e	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tida	1			
	excursion	0	2	10	10
_ive shellfish moven	nents	0	1-2	>3	
Novements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent zone or				
	compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Movements off					
	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	ο
		0	1	2	0
	Frequency of movements off outwith MSS Management				
	Aroos		2	6	0
	Areas Number of destinations	0	<u>3</u> 3	6 6	0
Management practices			3 Secure (effluent		
Water contacts with	Number of destinations	0	3 Secure (effluent	6 Unsecure (no effluent	
oractices		0	3 Secure (effluent	6 Unsecure (no effluent	
Water contacts with	Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 None	3 Secure (effluent treatment)	6 Unsecure (no effluent treatment)	0
Water contacts with	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 0	3 Secure (effluent treatment)	6 Unsecure (no effluent treatment)	0
Water contacts with	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	6 Unsecure (no effluent treatment) 2 6	0 0 0
Water contacts with	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 0	3 Secure (effluent treatment) 1	6 Unsecure (no effluent treatment) 2	0
Water contacts with	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	6 Unsecure (no effluent treatment) 2 6	0 0 0
vater contacts with depuration facilities	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	0 None 0 0	3 Secure (effluent treatment) 1 2 4	6 Unsecure (no effluent treatment) 2 6 8	0 0 0
Water contacts with depuration facilities Biosecurity	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	3 Secure (effluent treatment) 1 2 4 2 or 3	6 Unsecure (no effluent treatment) 2 6 8 8	0 0 0 0
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Sites operating from single shorebase	0 None 0 0 1 0	3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Sites operating from single shorebase	0 None 0 0 1 0	3 Secure (effluent treatment) 1 2 4 2 or 3 1 1	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Sites operating from single shorebase	0 None 0 0 1 0	3 Secure (effluent treatment) 1 2 4 2 or 3 1 1	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Sites operating from single shorebase         Sites sharing staff and equipment	0 None 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 0 0
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Sites operating from single shorebase         Sites sharing staff and equipment	0 None 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 0 0

Site No:       SS0725       Inspector:       WIM         Results Summary       Freq.       Database       Insp       Phone       Insp       Writing       Insp       2nd Insp         Insp       Insp       Insp       Insp       Insp       Writing       Insp       2nd Insp         Insp       Insp       Insp       Insp       Insp       Writing       Insp       2nd Insp         Insp       Insp       Insp       Insp       Insp       Insp       2nd Insp       Insp         Insp       Insp       Insp       Insp       Insp       Insp       Insp       2nd Insp         Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp         Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp<	Case No:	2018-0552	Date of visit: 05/11/2018								
Results Summary       Freq.       Database       Insp       Phone       Insp       Writing       Insp       2 nd Insp         Image: Image	Site No:	SS0725	1	Inspector: WJM							
DatabaseInspPhoneInspWritingInsp2 nd InspImage: Second Secon	Results Summary	Freq.			Da	te of Notifica	tion				
Image: state of the state of			Database	Insp				Insp	2 nd Insp		
Image: state of the state of											
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Image: state of the state											
Report Summary	Report Summary										
Case Type Date Insp 2 nd Insp	Case Type		Insp	2 nd Insp							
ECI 18/12/2018 WJM DCB	ECI	18/12/2018	WJM	DCB							
		ļ									



Suthra Voe Shellfish c/o Blueshell Mussels Ltd Unit 1, Sparl Brae Shetland ZE2 9QJ

## FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS No
 SB0465
 DATE OF VISIT
 05/11/2018

 SITE No
 SS0725
 SITE NAME
 Boat Geo

 INSPECTOR
 Warren Murray
 CASE NO
 20180552

#### 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.

On this occasion, the site was found to be fallow.

Records

R14

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.

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.



Date: 18/12/2018

FHI 059, Version 12		Issued by: FHI		Date of issue: 08/10/2018
Case No: 2018-0553				Date of visit: 05/11/2018
Time spent on site: 3	0 min		Main Inspecto	r: WJM
Site No:SS0541Business No:SB0447	Site Name: Business Name:	North of Linga, SI Seafarms Lt		
Case Types: 1 ECI	23	4	5	6
Water Temp (°C): 9.2	Thermometer No:	T148		FHI 045 completed
Observations:	Region: SH	Water type	e: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see	additional inform	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detai	il reason below:		

### FHI 059, Version 12 Additional Case Information:

Paperwork completed on 05/11/2018. Site inspected 09/11/2018.

1 line collecting spat from 2018. 4 lines stocked with a mix of yearclass, average size ~45mm.

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ue: 08/10/2	018
Case No:	2018-0553		Site No:	SS0541					
Date of Visit:		05/11/2018			Inspector(s)	WJM		]	
Registration/Author 1. Business/site det 2. Changes made to	ails summary		te representa	ative?			Y N	3	
Site Details			_			_			
Total No facilities	-	8	Facilities sto	ocked	5	No facilitie	es inspected	8	
Species	MED	MED							
Age group	MIX	2018							
No Fish	4 lines	1 line							
Mean Fish Wt	45mm	spat							
Next Fallow Date (S	ite)	never fully fa	llow	Next Input Da	ate (Site)	natural sp	atfall		
Recent (last 4 wks)	disease prot	olems?		Ν	Any escapes	s (since last	visit)?	N	
If yes, detail:					,	(	- 7		
Movement Record	s								
1. Movement record	ls available f	or inspection?							Y
2. Date of last inspe		·					08/11/2017	-	
3. Are records comp		rectly entered?						T	Y
4. Are movement re	cords availal	ble for dead fis	h and waste?	?				1	N/A
5. Are records comp	plete and cor	rectly entered?						1	N/A
6. Are health certific	ates for intro	ductions (outw	ith GB) availa	able?				1	N/A
Transport Records	5								
1. Are any moveme	nts carried o	ut by (or on bel	nalf) of the bu	usiness (not us	ing a STB)?				
If yes, is there a sys	tem in place	for maintenand	ce of transpo	rtation records	?				
Mortality Records									
1. Mortality records	available for	inspection?			_				Y
2. How are mortaliti	es disposed	of?			Other (detail	)			
If other detail:	empty shell	s drop to seab	ed						
3. Mortality records	•	•							Y
4. Recent mortality	(last 4 wks):		no observed	d mortalities				-	
5. Evidence of recei	nt increased/	atypical mortal	ities?					1	N/A
If yes, facility nos/no	o mortality pe	er facility/no sto	ck per facility	/reason:					
								-	
6. Any other peaks	in mortality d	uring period ch	ecked?						N/A
If yes, detail:									NI/A
7. Have increased (	unexplained)	mortalities bee	en reported to	o vet or FHI?					N/A
If yes, detail action:	in maintail la sa sur						ahaat		NI/A
8. Have 'mortality ev	vents been r	eportea to FHI	r ir no, add IV	IKI case and e	enter on morta	anty events :	sneet.		N/A

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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 health status, certification if required)?	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	Y
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?	Ν
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: 08/11/2017 - 05/11/2018	

HI 059, Version 12	Issued by: FHI			Date	of issue: 08
Case Number:	2018-0553 Site No:	SS054	1		
Date of Visit	05/11/2018 Inspector:	WJM			
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	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	0
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	10
_ive shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent zone or				
	compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Movements off	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	2
	Frequency of movements off outwith MSS Management				
	· · · · · · · · · ·				
	Areas	0	3	6	0
	Number of destinations	0	3	6 6	0 3
Management practices			3 Secure (effluent		
Water contacts with	Number of destinations	0	3 Secure (effluent	6 Unsecure (no effluent	
oractices	Number of destinations Depuration of stock from own sites within MSS	0	3 Secure (effluent	6 Unsecure (no effluent	
Water contacts with	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	3
Water contacts with	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)	3
Water contacts with	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	3
vater contacts with depuration facilities	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	0 None 0 0	3 Secure (effluent treatment) 1 2 4	6 Unsecure (no effluent treatment) 2 6 8	3 0 0
Water contacts with depuration facilities Biosecurity	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 8 8	3 0 0
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         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	3 0 0
Water contacts with depuration facilities Biosecurity	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 0	3 Secure (effluent treatment) 1 2 4 2 or 3 1 1	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	3 0 0
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Sites operating from single shorebase	0 None 0 0 0 0	3 Secure (effluent treatment) 1 2 4 2 4 2 or 3 1	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	3 0 0
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         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	3 0 0
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         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	3 0 0 0 1 1 1
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         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	3 0 0 0

Case No:	2018-0553	Date of visit: 05/11/2018							
Site No:	SS0541	I	Inspector: WJM						
Results Summary	Freq.			Dat	te of Notifica	tion			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
Report Summary									
Case Type	Date	Insp	2 nd Insp						
Case Type ECI	18/12/2018	WJM	DCB						
	<u> </u>								



SI Seafarms Ltd c/o Blueshell Mussels Ltd Unit 1, Sparl, Brae Shetland ZE2 9QJ

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0447SITE NOSS0541SoundWarren Murray

DATE OF VISIT05/11/2018SITE NAMENorth of Linga, VailaCASE NO20180553

#### 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.

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

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Date: 18/12/2018

FHI 059, Version 12	lss	ued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0554			Date of visit: 05/11/2018
Time spent on site:	30 min	Main Inspe	ector: WJM
Site No: SS0723 Business No: SB0465	Site Name: Business Name:	Treawick Suthra Voe Shellfish	
Case Types: 1 ECI	23	4 5	6
Water Temp (°C): N/A	Thermometer No:		FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA:
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	• •	N/A If yes, see additional in	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.
UNI/REG only - if unable to car	ry out intended visit detail re	ason below:	

### FHI 059, Version 12 Additional Case Information:

Site currently fallow. No lines currently in the water. Have recently taken over operation of site from sites current owner. Equipment has recently been removed from site leaving the minimum amount of equipment to retain the site as active.

FHI 059, Version 12		lssu	ied by: FHI		[	Date of issu	e: 08/10/2018
Case No: 201	8-0554	Site No:	SS0723	3			
Date of Visit:	05/11/201	8		Inspector(s	s): WJM		]
Registration/Authorisat 1. Business/site details s 2. Changes made to deta	ummary checked by	site represent	ative?		1	Y N	]
Site Details		_			_		_
Total No facilities Species	5	Facilities sto	ocked	0	No facilities	inspected	5
Age group					+ +		
No Fish							
Mean Fish Wt							
Next Fallow Date (Site)	CURRENT	LY FALLOW	Next Input Da	ate (Site)	SPRING/SU	IMMER 201	9
				7.			
Recent (last 4 wks) disea	ase problems?		N	Any escape	es (since last vi	sit)?	N
If yes, detail:							
Movement Records							
1. Movement records ava		?			F	0.11.1.00.1.0	Y
2. Date of last inspection		10			Ľ	08/11/2016	Y
<ol> <li>Are records complete a</li> <li>Are movement records</li> </ol>	•		>				N/A
5. Are records complete			•				N/A
6. Are health certificates			able?				N/A
Transport Records	,	,					
1. Are any movements ca	arried out by (or on b	ehalf) of the b	usiness (not us	sing a STB)?			
If yes, is there a system i	• •		•	- /			
Mortality Records							
1. Mortality records availa	able for inspection?						Y
2. How are mortalities dis	sposed of?			Other (deta	ail)		
	oty shells drop to sea						
3. Mortality records comp	•						Y
4. Recent mortality (last 4	·	no observed	mortalities				NI/A
5. Evidence of recent inc If yes, facility nos/no mor	• •		droacon:				N/A
			//1605011.				
6. Any other peaks in mo	rtality during period o	checked?					N/A
If yes, detail:							-
7. Have increased (unexp	plained) mortalities b	een reported t	o vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality events'		112 If po odd	IDT ages and	ontor on ma	tolity overta ab	oot	N/A
o. have mortality events	been reported to FF	n chi no, add N	int case and	enter on mol	tally events sh	eel.	IN/A

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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	V
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: 08/11/2016 - 05/11/2018	

-HI 059, Version 12	Issued by: FHI			Date	e of issue: 08	8/10/201
Case Number:	2018-0554 Site No:	SS072	3			
Date of Visit		WJM				
Number of Susceptil	ble species on site	<u>P</u>		•		
	ies present = <u>LOW</u> risk					
	present, score for each pathogen		No	Yes		
	Susceptible to Bonamia ostrea (OED)		0	25	0	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3	
	Susceptible to OsHV (CGI)		0	3	0	
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	10	
Live shellfish moven		0	1-2	>3		
	Frequency of movements on from equivalent MS		5	>3 10	0	1
Movements on		0	0	10		
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	0	
	Number of suppliers	0	5	10	0	
		Ŭ		10		
Movements off						
Novements on	Frequency of movements off within MSS Management					
viovements on	Areas	0	1	2	0	
Novements on	Areas Frequency of movements off <u>outwith</u> MSS Management					
Novements on	Areas	0 0 0	1 3 3	2 6 6	0 0 0	
Management	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	0	
Management	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment) 1 2	6 6 Unsecure (no effluent treatment) 2 6	0 0 0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 <b>None</b> 0	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
Management practices Water contacts with depuration facilities	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment) 1 2	6 6 Unsecure (no effluent treatment) 2 6	0 0 0	
Management practices Water contacts with depuration facilities	Areas Frequency of movements off <u>outwith</u> MSS Management 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	0 0 <b>None</b> 0 0	3 3 Secure (effluent treatment) 1 2 4	6 6 Unsecure (no effluent treatment) 2 6 8	0 0 0	
Management practices Water contacts with depuration facilities Biosecurity	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None 0 0 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8 2	0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 2 5	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0 0	
Management practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 2 5	
Management practices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 0 0	

Site No:       SS0723       Inspector:       WJM         Results Summary       Freq.       Database       Insp       Phone       Insp       Writing       Insp       2 nd Insp         Database       Insp       Phone       Insp       Writing       Insp       2 nd Insp         Insp       Insp       Insp       Insp       Insp       Insp       Insp         Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp         Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp         Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp         Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp       Insp         Insp
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Report Summary
Case Type Date Insp 2 nd Insp
ECI 18/12/2018 WJM DCB



Suthra Voe Shellfish c/o Blueshell Mussels Ltd Unit 1, Sparl Brae Shetland ZE2 9QJ

## FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0465SITE NOSS0723INSPECTORWarren Murray

 DATE OF VISIT
 05/11/2018

 SITE NAME
 Treawick

 CASE NO
 20180554

#### 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.

On this occasion, the site was found to be fallow.

Records

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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.

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: 18/12/2018

FHI 059, Version 12	Issu	ied by: FHI		Date of issue: 08/10/2018
Case No: 2018-0555				Date of visit: 05/11/2018
Time spent on site:	0 min	2	Main Inspector	r: WJM
Site No:SS0500Business No:SB0465	Site Name: Business Name:	Suthra Voe Suthra Voe She	llfish	
Case Types: 1 ECI	23	4	5	6
Water Temp (°C): N/A	Thermometer No:			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/A If yes, see	additional inform	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
UNI/REG only - if unable to carry	v out intended visit detail rea	ason below:		

Site currently fallow. No lines currently in the water. Operation of site has recently changed from sites current owner. Equipment has recently been removed from site leaving just the minimum amount of equipment to retain the site as active.

FHI 059, Version 12			lssu	led by: FHI		Γ	Date of issu	ie: 08/10/2018
Case No:	2018-0555	]	Site No:	SS0500	ס			
Date of Visit:		05/11/2018	3		Inspector(s	s): WJM		]
<b>Registration/Author</b> 1. Business/site detai 2. Changes made to	ils summary		site represent	ative?		1	Y N	]
Site Details			_					
Total No facilities Species		15	Facilities sto	ocked	0	No facilities	inspected	15
Age group								
No Fish								
Mean Fish Wt								
Next Fallow Date (Sit	e)	CURRENTL	Y FALLOW	Next Input Da	ate (Site)	SPRING/SU	IMMER 201	9
Recent (last 4 wks) d	isease probl	ems?		N	Any escap	es (since last vis	sit)?	N
If yes, detail:				·	, any occup			<u></u>
Movement Records								
1. Movement records	available fo	r inspection?						Y
2. Date of last inspec		-1				C	08/11/2016	
3. Are records comple	ete and corre	ectly entered	?			_		Y
4. Are movement rec	ords availab	le for dead fis	sh and waste	?				N/A
5. Are records comple								N/A
6. Are health certifica	tes for introc	ductions (out	with GB) avail	able?				N/A
Transport Records								
1. Are any movement	ts carried ou	t by (or on be	half) of the b	usiness (not us	sing a STB)?			
If yes, is there a syste	em in place f	or maintenar	nce of transpo	rtation records	?			
Mortality Records								
1. Mortality records a	vailable for i	nspection?						Y
2. How are mortalities	s disposed o	f?			Other (deta	ail)		
		drop to seat						
3. Mortality records c	•	correctly ent						Y
4. Recent mortality (la			no observed	d mortalities				
5. Evidence of recent		••						N/A
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	//reason:				
6. Any other peaks in	mortality du	ring period c	hecked?					N/A
If yes, detail:	autor taility au							
7. Have increased (u	nexplained)	mortalities be	en reported t	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality eve	ents' been re	ported to FH	I? If no, add N	IRT case and	enter on mo	rtality events sho	eet.	N/A

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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	V
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: 08/11/2016 - 05/11/2018	

HI 059, Version 12	Issued by: FHI			Date	e of issue: 08	8/10/201
Case Number:	2018-0555 Site No:	SS050	0			
Date of Visit	05/11/2018 Inspector:	WJM				
Number of Susceptib						
-	ies present = <u>LOW</u> risk					
	present, score for each pathogen		No	Yes		
	Susceptible to Bonamia ostrea (OED)		0	25	0	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3	
	Susceptible to OsHV (CGI)		0	3	0	
Sites within a tidal e	xcursion	1	2-5	>6		
Site contacts		-				
One contacts	Number of sites holding susceptible species within a tidal excursion	0	2	10	10	
					-	
_ive shellfish mover		0	1-2	>3		
Movements on	Frequency of movements on from equivalent MS	0	5	10	0	
	Frequency of movements on from equivalent zone or					
	compartment including third country	0	10	20	0	
	Number of suppliers	0	5	10	0	
				[ ]		
Movements off						
Movements off	Frequency of movements off <u>within</u> MSS Management			0	0	
Movements off	Areas	0	1	2	0	
Movements off	Areas Frequency of movements off <u>outwith</u> MSS Management					
Movements off	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	0	
Movements off	Areas Frequency of movements off <u>outwith</u> MSS Management					
Movements off	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	3 3	6 6	0	
	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	3 3 Secure	6 6 Unsecure	0	
Management	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	0	
Management practices	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0	3 3 Secure	6 6 Unsecure	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
Management practices	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment) 1 2	6 6 Unsecure (no effluent treatment) 2 6	0 0 0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 <b>None</b> 0	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	0	
Management practices Water contacts with depuration facilities	Areas Frequency of movements off <u>outwith</u> MSS Management 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	0 0 <b>None</b> 0 0	3 3 Secure (effluent treatment) 1 2 4	6 6 Unsecure (no effluent treatment) 2 6 8	0 0 0	
Management practices Water contacts with depuration facilities Biosecurity	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None 0 0 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8 2	0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0 0	
Management practices Water contacts with depuration facilities Biosecurity	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None 0 0 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8 2	0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 2 5	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	0 0 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 0 2 5	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 0 0 0 0 2 5	

Case No:	2018-0555			Date of visit:	05/11/2018			
Site No:	SS0500	l		Inspector:	WJM	I		
Results Summary	Freq.			Dat	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
				_				
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	18/12/2018	WJM	DCB					
	l							



Suthra Voe Shellfish c/o Blueshell Mussels Ltd Unit 1, Sparl Brae Shetland ZE2 9QJ

## FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0465SITE NOSS0500INSPECTORWarren Murray

DATE OF VISIT05/11/2018SITE NAMESuthra VoeCASE NO20180555

#### 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.

On this occasion, the site was found to be fallow.

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.

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.

R14

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

Signed: Fish Health Inspector

R14

Date: 18/12/2018

FHI 059, Version 12	lss	ued by: FHI		Date of issue: 08/10/2018
Case No: 2018-0556				Date of visit: 05/11/2018
Time spent on site: 30	) min	3	Main Inspector	r: WJM
Site No: SS0652 Business No: SB0447	Site Name: Business Name:	Riskness SI Seafarms Lto	d	
Case Types: 1 ECI 2	2 3	4	5	6
Water Temp (°C): 9.2	Thermometer No:	T148		FHI 045 completed
Observations:	Region: SH	Water type	: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see	additional inform	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail re	ason below:		

**Additional Case Information:** 

Paperwork completed on 05/11/2018. Site inspected 09/11/2018.

Mix of yearclass on site. Mussels appeared to be in good condition.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0556		Site No:	SS065	2			
Date of Visit:		05/11/2018			Inspector(s)	WJM		]
Registration/Author 1. Business/site det 2. Changes made to	ails summary		te representa	ative?			Y N	]
Site Details Total No facilities Species Age group No Fish Mean Fish Wt	MED MIX 9 lines N/A	9	Facilities sto		9	No facilities	s inspected	9
Next Fallow Date (S	Site)	never fully fa	llow	Next Input D	ate (Site)			
Recent (last 4 wks) If yes, detail:	disease prob	lems?			N Any escapes	s (since last v	visit)?	N
Movement Record	s							
<ol> <li>Movement record</li> <li>Date of last inspects</li> <li>Are records completed and the second /li></ol>	ection: olete and corr ecords availat olete and corr	ectly entered? le for dead fisl ectly entered?	h and waste?				08/11/2017	Y N/A N/A N/A
Transport Records	5							
1. Are any moveme If yes, is there a sys								
Mortality Records 1. Mortality records 2. How are mortaliti	available for	inspection?	·		Other (detail	)		Y
If other detail:		s drop to seabe						
3. Mortality records	•			Landa PC and				Y
<ol> <li>Recent mortality</li> <li>Evidence of recent</li> </ol>	. ,		no observed	mortalities				N/A
If yes, facility nos/no		••		/reason:				
6. Any other peaks	in mortality du	uring period ch	ecked?					N/A
If yes, detail:		mortalities						N1/A
7. Have increased ( If yes, detail action:	unexplained)	mortalities bee	en reported to	o vet of FHI?				N/A
8. Have 'mortality ev	vents' been re	eported to FHI?	? If no, add M	IRT case and	enter on morta	ality events s	heet.	N/A

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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 health status, certification if required)?	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	Y
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?	Ν
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: 08/11/2017 - 05/11/2018	

FHI 059, Version 12	Issued by: FHI			Date	e of issue: 08	/10/201
Case Number:	2018-0556 Site No:	SS065	52			
Date of Visit	05/11/2018 Inspector:	WJM				
Number of Suscepti				•		
-	sies present = <u>LOW</u> risk					
	present, score for each pathogen		No	Yes		
	Susceptible to Bonamia ostrea (OED)		0	25	0	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3	
	Susceptible to OsHV (CGI)		0	3	0	
Cite e within a tidal e		1	2-5	>6		
Sites within a tidal e Site contacts		-	<u>2-J</u>	~0		
Sile contacts	Number of sites holding susceptible species within a tida excursion	0	2	10	10	
Live shellfish mover	nents	0	1-2	>3		
Movements on	Frequency of movements on from equivalent MS		5	10	0	
	Frequency of movements on from equivalent mo					
	compartment including third country	0	10	20	0	
	Number of suppliers	0	5	10	0	
Movements off	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	2	
	Frequency of movements off outwith MSS Management					
	Areas	0	3	6	0	
	Number of destinations	0	3	6	3	
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)		
Water contacts with	Depuration of stock from own sites within MSS					
depuration facilities	management area	0	1	2	0	
	Depuration of stock from other businesses sites within MSS management area	0	2	6	0	
	Depuration of stock from sites outwith MSS management	t				
	area	0	4	8	0	
Biosecurity	Number of sites	1	2 or 3	≥ 4		
Contacts with other	Sites operating from single shorebase	0	1	2	1	
sites	Sites sharing staff and equipment	0	1	5	1	
			Yes	No		
		ha ata	0	0	0	
	Disinfection of equipment between sites, use of footbat	ns etc	0	2	0	
			Total		20	
			Risk		MEDIUM	
			RISK		WEDIOW	
			RISK		WEDIOW	

Case No:	2018-0556			Date of visit:	05/11/2018			
Site No:	SS0652	I		Inspector:	WJM	]		
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	18/12/2018	WJM	DCB					
	ļ							



SI Seafarms Ltd c/o Blueshell Mussels Ltd Unit 1, Sparl, Brae Shetland ZE2 9QJ

## FISH HEALTH INSPECTORATE VISIT REPORT

#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0447SITE NOSS0652INSPECTORWarren Murray

DATE OF VISIT05/11/2018SITE NAMERisknessCASE NO20180556

#### 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.

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.

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

Signed: Fish Health Inspector

R14

Date: 18/12/2018

FHI 059, Version 12	Issue	ed by: FHI		Date of issue: 08/10/2018
Case No: 2018-0558				Date of visit: 06/11/2018
Time spent on site:	nr	]	Main Inspector	: WJM
Site No: SS0748 Business No: SB0422	Site Name: Business Name:	Scuttavoe, Gruti Selivoe Shellfish	<b>V</b>	
Case Types: 1 ECI 2	2 3	4	5	6
Water Temp (°C): 9.4	Thermometer No:	T148		FHI 045 completed
Observations:	Region: SH	Water type:	: S	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 reas	son below:		

3 of the 4 lines put in June/July 2018 to collect spat. 1 line in from 2017 collecting spat. Couldn't see much settlement on any of the lines. The mussels visible on the 2017 line were approximately 10mm. Lines also heavily covered with sea squirts and starfish.

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ie: 08/10/	2018
Case No:	2018-0558		Site No:	SS0748	3				
Date of Visit:		06/11/2018	]		Inspector(s):	WJM		]	
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y Y	]	
Site Details			_		-	_			
Total No facilities	-	4	Facilities sto	ocked	4	No facilitie	es inspected	4	
Species	MED	MED							
Age group	2017	2018							
No Fish	1 line	3 lines							
Mean Fish Wt	10mm	spat							
Next Fallow Date (S	ite)	never fallow		Next Input Da	ate (Site)	natural sp	atfall		
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	s (since last	visit)?	N	
If yes, detail:					• · · ·	•	•		
Movement Record	s								
1. Movement record		or inspection?							Y
2. Date of last inspe							07/11/2016	-	_
3. Are records comp		rectly entered?	,					1	Y
4. Are movement re		•		<b>)</b>					N/A
5. Are records comp									N/A
6. Are health certific		-		able?					N/A
Transport Records	;								
1. Are any movement	nts carried o	ut by (or on bel	half) of the bu	usiness (not us	ing a STB)?				
If yes, is there a sys	tem in place	for maintenan	ce of transpo	rtation records	?				
Mortality Records									
1. Mortality records	available for	inspection?							Y
2. How are mortalitie	es disposed	of?			Other (detail	)			
If other detail:	empty shell	s drop to seab	ed						
3. Mortality records	•	•							Y
4. Recent mortality (	(last 4 wks):		no mortalitie	s observed					
5. Evidence of recer	nt increased/	atypical mortal	ities?						N
If yes, facility nos/no	o mortality pe	r facility/no sto	ck per facility	/reason:					
			1 10					-	N
<ol> <li>Any other peaks i If yes, detail:</li> </ol>	n mortality d	uning period ch	lecked?						N
7. Have increased (		mortalities be	en reported to	o vet or FHI?					N/A
If yes, detail action:									
8. Have 'mortality ev	vents' been r	eported to FHI	? If no, add M	IRT case and e	enter on morta	ality events	sheet.		N/A

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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	V
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: 07/11/2016 - 06/11/2018	

FHI 059, Version 12	Issued by: FHI			Date	of issue: 08
Case Number:	2018-0558 Site No:	SS074	8		
Date of Visit	06/11/2018 Inspector:	WJM		1	
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	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	0
Sites within a tidal e	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tida				
	excursion	0	2	10	2
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS		5	10	0
	Frequency of movements on from equivalent zone or				
	compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Maximum and a stf		1			
Movements off	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	1
	Aleas				
				_	· · · · ·
	Frequency of movements off outwith MSS Management				2
	Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0	3	6 6	3
	Areas		3 3 Secure (effluent	6	
Management practices Water contacts with depuration facilities	Areas Number of destinations Depuration of stock from own sites within MSS	0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	3
Water contacts with	Areas Number of destinations Depuration of stock from own sites within MSS management area	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	
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	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	3
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 0	3 3 Secure (effluent treatment)	6 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	0 None 0 0	3 3 Secure (effluent treatment) 1	6 6 Unsecure (no effluent treatment) 2	0
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 3 Secure (effluent treatment) 1 2	6 6 Unsecure (no effluent treatment) 2 6	3 0 0
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	0 None 0 0	3 3 Secure (effluent treatment) 1 2 4	6 6 Unsecure (no effluent treatment) 2 6 8	3 0 0
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 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8 8	3 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	0 None 0 0 0 1	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	3 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 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	66Unsecure (no effluent treatment)268≥ 425No	3 0 0 0 2 1
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 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	3 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 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	66Unsecure (no effluent treatment)268≥ 425No	3 0 0 0 2 1

Case No:	2018-0558	Date of visit: 06/11/2018							
Site No:	SS0748		Inspector: WJM						
Results Summary	Freq.		Date of Notification						
Toolano Caminary	1109.	Database	Insp		Insp	Writing	Insp	2 nd Insp	
Report Summary	Dete	laca	and .						
Case Type ECI	Date 14/11/2018	Insp WJM	2 nd Insp AJW						
		-	-						



Selivoe Shellfish Selivoe Bridge of Walls Shetland ZE2 9NR

# FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0422SITE NOSS0748INSPECTORWarren Murray

DATE OF VISIT06/1SITE NAMEScutCASE NO2018

06/11/2018 Scuttavoe, Gruting 20180558

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

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

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

No mortality had been observed on site since the 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.

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: 14/11/2018

FHI 059, Version 12	l	ssued by: FHI		Date of issue: 08/10/2018
Case No: 2018-0559				Date of visit: 06/11/2018
Time spent on site:	hr		Main Inspector	:: WJM
Site No: SS0654 Business No: SB0422	Site Name: Business Name:	Selivoe Selivoe Shellfis	h	
Case Types: 1 ECI	2 3	4	5	6
Water Temp (°C): 9.4	Thermometer No:	T148		FHI 045 completed
Observations:	Region: SH	Water type	: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		N If yes, see	additional inform	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
UNI/REG only - if unable to carry	y out intended visit detail	reason below:		

8/10 lines currently with ropes. Site is a mix of yearclass. Ropes collecting spat from 2017 and 2018 covered in sea squirts . Lines with older stock range from 40 - 55mm but are heavily fouled. Site manager unsure when stock will be harvested. Harvesting is carried out by Shetland Mussels Ltd.

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0559	]	Site No:	SS0654	1			
Date of Visit:		06/11/2018			Inspector(s)	: WJM		]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	]
Site Details Total No facilities Species	MED MIX	10	Facilities sto	ocked	8	No facilitie	es inspected	10
Age group No Fish	8 lines							
Mean Fish Wt	40-55mm							
Next Fallow Date (S	ite)	never fallow		Next Input Da	ate (Site)	unsure		
Recent (last 4 wks) If yes, detail:	disease prob	lems?		Ν	Any escape	s (since last	visit)?	N
Movement Record	S							
<ol> <li>Movement record</li> <li>Date of last inspe</li> <li>Are records comp</li> <li>Are movement re</li> <li>Are records comp</li> <li>Are records comp</li> <li>Are health certific</li> </ol>	ction: blete and corr cords availab blete and corr	ectly entered? le for dead fis ectly entered?	h and waste?				07/11/2016	Y Y N/A N/A N/A
Transport Records	;							
1. Are any movement If yes, is there a sys								
Mortality Records		or maintonan						L
<ol> <li>Mortality records</li> <li>How are mortalitie</li> </ol>	es disposed o	of?			Other (detai	1)		Y
If other detail: 3. Mortality records		drop to seab						Y
4. Recent mortality (	•		no mortalitie	s observed				
5. Evidence of recer	nt increased/a	atypical mortal						N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
6. Any other peaks i	n mortality du	iring period ch	ecked?					N
If yes, detail:								
7. Have increased (	unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality ev	vents' been re	ported to FHI	? If no, add M	IRT case and o	enter on mort	ality events	sheet.	N/A

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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	V
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: 07/11/2016 - 06/11/2018	

-HI 059, Version 12	Issued by: FHI			Date	of issue: 08/10
Case Number:	2018-0559 Site No:	SS065	54		
Date of Visit	06/11/2018 Inspector:	WJM			
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	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	0
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	10	0
	Frequency of movements on from equivalent zone or				
	compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Movements off	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	2
	Frequency of movements off outwith MSS Management				
	Areas Number of destinations	0	3	6 6	0
practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
	Depuration of stock from own sites within MSS management area	None 0	(effluent	(no effluent	0
Water contacts with	-		(effluent treatment)	(no effluent treatment)	0
Water contacts with	management area Depuration of stock from other businesses sites within	0	(effluent treatment)	(no effluent treatment)	
practices Water contacts with depuration facilities	management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management	0	(effluent treatment)	(no effluent treatment) 2 6	0
Practices Water contacts with depuration facilities Biosecurity Contacts with other	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 0 0 1 0	(effluent treatment) 1 2 4 2 or 3 1	(no effluent treatment) 2 6 8 ≥ 4 2	0
Water contacts with depuration facilities Biosecurity	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 0 0 1	(effluent treatment) 1 2 4 2 or 3	(no effluent treatment) 2 6 8 ≥ 4	0
depuration facilities Biosecurity Contacts with other	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 0 0 1 0	(effluent treatment) 1 2 4 2 or 3 1	(no effluent treatment) 2 6 8 ≥ 4 2	0
Practices Water contacts with depuration facilities Biosecurity Contacts with other	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 0 0 1 0 0	(effluent treatment) 1 2 4 2 or 3 1 1 1 1 1 2	(no effluent treatment) 2 6 8 ≥ 4 2 5	0
Practices Water contacts with depuration facilities Biosecurity Contacts with other	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 0 0 1 0 0	(effluent treatment) 1 2 4 2 or 3 1 1 Yes 0	(no effluent treatment) 2 6 8 ≥ 4 2 5 No	
Practices Water contacts with depuration facilities Biosecurity Contacts with other	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 0 0 1 0 0	(effluent treatment) 1 2 4 2 or 3 1 1 Yes	(no effluent treatment) 2 6 8 ≥ 4 2 5 No	0 0 1 1

Case No:	2018-0559	Date of visit: 06/11/2018						
Site No:	SS0654			Inspector:	WJM			
Results Summary	Freq.			Da	te of Notifica	tion		
Results Summary	1109.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	14/11/2018	WJM	AJW					



Selivoe Shellfish Selivoe Bridge of Walls Shetland ZE2 9NR

# FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0422SITE NOSS0654INSPECTORWarren Murray

 DATE OF VISIT
 06/11/2018

 SITE NAME
 Selivoe

 CASE NO
 20180559

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

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

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

#### Records

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

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

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

No mortality had been observed on site since the 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.

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

Signed:		
- 0	Fish Health Inspector	

R14

Date: 14/11/2018

FHI 059, Version 12	Issu	ed by: FHI		Date of issue: 08/10/2018
Case No: 2018-0560				Date of visit: 08/11/2018
Time spent on site:	nr	]	Main Inspector	: WJM
Site No: SS0879 Business No: SB0535	Site Name: Business Name:	Olansvoe Olansvoe Shellfi	ish	
Case Types: 1 ECI 2	2 3	4	5	6
Water Temp (°C): 9.4	Thermometer No:	T148		FHI 045 completed
Observations:	Region: SH	Water type:	: S	CoGP MA:
Dead/weak/abnormally behaving the clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see a	additional inform	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:		

Lines in water collecting spat. Having trouble with large volume of sea squirts. All spat collected moved to C & A Thomson site Stakka (SS0675).

Spat collection low and ropes covered in sea squirts.

Site visually inspected 06/11/2018, paperwork completed 08/11/2018

FHI 059, Version 12			lssu	ed by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0560	Site	No:	SS0879	9			
Date of Visit:		08/11/2018			Inspector(s)	: WJM		]
Registration/Author 1. Business/site det 2. Changes made to	ails summary		presenta	itive?			Y N	]
<b>Site Details</b> Total No facilities		3 Eaci	lities sto	cked	3	No faciliti	es inspected	3
Species	MED		11100 010		Ŭ			0
Age group	2018							
No Fish	3 lines							
Mean Fish Wt	spat							
Next Fallow Date (S	Site)	never fallow		Next Input D	ate (Site)	natural sp	atfall	
Recent (last 4 wks)	disease prob	lems?		ſ	N Any escape	s (since last	visit)?	Ν
If yes, detail:								
Movement Record	S							
1. Movement record		or inspection?						Y
2. Date of last inspe		41 4 10					16/10/2014	
3. Are records comp		•						Y N/A
4. Are movement re			i waste?					N/A N/A
<ol> <li>Are records comp</li> <li>Are health certific</li> </ol>			B) availa	blo2				N/A N/A
			D) avalla					
Transport Records			- <b>f</b> 4 h - a - h - i					
1. Are any moveme If yes, is there a sys								
Mortality Records			lanopoi					
1. Mortality records	available for	inspection?						Y
2. How are mortaliti		•			Other (detai	I)		
If other detail:		s drop to seabed.				·/		
3. Mortality records								Y
4. Recent mortality	(last 4 wks):	no m	nortalites	s observed sin	nce last inspec	ction		
5. Evidence of rece	nt increased/a	atypical mortalities?						N
If yes, facility nos/no	o mortality pe	r facility/no stock pe	er facility	/reason:				
			-10					
6. Any other peaks If yes, detail:	in mortality di	ппу репоа спеске	u?					N
7. Have increased (	unexplained)	mortalities been re	ported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	vents' been re	ported to FHI? If no	p. add M	RT case and	enter on mort	ality events	sheet.	N/A

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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	ŕ
aquaculture animals held on site?	V
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: 16/10/2014 - 08/11/2018	

HI 059, Version 12	Issued by: FHI			Date	of issue: 08
Case Number:	2018-0560 Site No:	SS087	'9		
Date of Visit	08/11/2018 Inspector:	WJM		]	
Number of Susceptil	ble species on site			-	
-	sies present = <u>LOW</u> risk				
f susceptible species	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	0
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 mover	nents	0	1-2	>3	
Novements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent zone or				
	compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Movements off	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	0
	Frequency of movements off <u>outwith</u> MSS Management				
	Areas Number of destinations	0	3	6 6	3 3
Management practices			3 Secure (effluent		
		0	3 Secure (effluent	6 Unsecure (no effluent	
Water contacts with	Number of destinations Depuration of stock from own sites within MSS	0 None	3 Secure (effluent treatment)	6 Unsecure (no effluent treatment)	3
Water contacts with	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	3 0
Water contacts with	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	3 Secure (effluent treatment) 1 2	6 Unsecure (no effluent treatment) 2 6	3 0 0
vater contacts with depuration facilities	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Sites operating from single shorebase	0 None 0 0	3 Secure (effluent treatment) 1 2 4	6 Unsecure (no effluent treatment) 2 6 8	3 0 0
Water contacts with depuration facilities Biosecurity	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         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	3 0 0
Water contacts with depuration facilities	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Sites operating from single shorebase	0 None 0 0 0 1 0	3 Secure (effluent treatment) 1 2 4 2 0 r 3 1	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	3 0 0 0
Water contacts with depuration facilities	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         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	3 0 0 0
Water contacts with depuration facilities	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         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	3 0 0 0

Case No:	2018-0560	Date of visit: 08/11/2018							
Site No:	SS0879	1		Inspector:	WJM	]			
Results Summary	Freq.	Date of Notification							
· · · · · · · · · · · · · · · · · · ·		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
Report Summary				l					
Case Type	Date	Insp	2 nd Insp						
ECI	13/11/2018	WJM	AJW						



Olansvoe Shellfish Stenvatsta Westerskeld Shetland ZE2 9NL

# FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0535SITE NOSS0879INSPECTORWarren Murray

 DATE OF VISIT
 08/11/2018

 SITE NAME
 Olansvoe

 CASE NO
 20180560

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

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

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

#### Records

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

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

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

No mortality had been observed on site since the 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.

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

Signed: Fish Health Inspector

R14

Date: 13/11/2018

FHI 059, Version 12	lssu	ued by: FHI	Date of issue: 08/10/2018
Case No: 2018-0561			Date of visit: 08/11/2018
Time spent on site:	30min	Main Inspecte	or: WJM
Site No:SS0905Business No:SB0372	Site Name: Business Name:	Grunna Voe Shetland Mussels Ltd	
Case Types: 1 REG	23	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: SH	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	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.
UNI/REG only - if unable to carr	•		
una	able to carry out ECI inspect	ion due to adverse weather conc	litions

ECI paperwork completed on 08/11/2018 by WJM. Unable to get out to site on 07/11/2018 due to sea conditions.

Site inspection carred out on 27/11/2018 (refer to case 2018-0623). No issues raised on site at time of site inspectiion.

FHI 059, Version 12			lssu	ied by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0561		Site No:	SS0905				
Date of Visit:		08/11/2018	]		Inspector(s)	: WJM		]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summar		ite represent	ative?			Y N	]
Site Details			_					
Total No facilities	-	4	Facilities sto	ocked	4	No facilitie	es inspected	4
Species	MED	MED						
Age group	2017	2018						
No Fish	2 lines	2 lines						
Mean Fish Wt	10mm	spat						
Next Fallow Date (S	ite)	never fully fa	llow	Next Input Da	ate (Site)	TBC		
Recent (last 4 wks)	disease prol	olems?		N	Any escape	s (since last	visit)?	N
If yes, detail:								
Movement Records	S							_
1. Movement record	s available f	or inspection?						Y
2. Date of last inspe	ction:						28/08/2017	
3. Are records comp	lete and cor	rectly entered?	>					Y
4. Are movement re-				?				N/A
5. Are records comp		-						N/A
6. Are health certific	ates for intro	oductions (outw	ith GB) avail	able?				N/A
Transport Records								
1. Are any movemen		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?						Y
2. How are mortalitie		•			Other (detai	l)		
		ls drop to seab	ed			/		
3. Mortality records								Y
4. Recent mortality (	last 4 wks):		no mortalitie	es observed sin	ce last inspe	ction		
5. Evidence of recer	nt increased/	atypical mortal	ities?					N
If yes, facility nos/no		•••		//reason:				
			· · ·					
6. Any other peaks i If yes, detail:	n mortality d	uring period ch	necked?					N
7. Have increased (	Inexplained	) mortalities be	en reported t	o vet or FHI?				N/A
If yes, detail action:	, and a second							
8. Have 'mortality ev	ents' been r	eported to FHI	? If no, add N	IRT case and e	enter on mort	ality events :	sheet.	N/A

1. Recent treatments (last 4 wks)?	
If yes, 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?	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 health status, certification if required)?	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</li></ul>	Y Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	Y
Results of Surveillance	
<ol> <li>Has any animal health surveillance been carried out by, or on behalf of, the business?</li> <li>If yes, are results available for inspection?</li> </ol>	N
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 28/08/2017 - 08/11/2018	

FHI 059, Version 12	Issued by: FHI			Date	of issue: 08	3/10/20 <i>1</i>
Case Number:	2018-0561 Site No:	SS090	5			
Date of Visit	08/11/2018 Inspector:	WJM		1		
Number of Susceptik				•		
	ies present = <u>LOW</u> risk					
	present, score for each pathogen		No	Yes		
	Susceptible to Bonamia ostrea (OED)		0	25	0	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3	
	Susceptible to OsHV (CGI)		0	3	0	
Sites within a tidal e	xourcion	1	2-5	>6		
Site contacts		-	23		<b></b>	
She contacts	Number of sites holding susceptible species within a tidal excursion	0	2	10	0	
		<u> </u>				
_ive shellfish moven		0	1-2	>3		I
Novements on	Frequency of movements on from equivalent MS	0	5	10	0	
	Frequency of movements on from equivalent zone or					
	compartment including third country	0	10	20	0	
	Number of suppliers	0	5	10	0	
Movements off						
Movements off	Frequency of movements off within MSS Management			0		
Novements off	Areas	0	1	2	0	
Movements off	Areas Frequency of movements off <u>outwith</u> MSS Management					
Movements off	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	3	
Movements off	Areas Frequency of movements off <u>outwith</u> MSS Management					
Movements off	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	3 3	6 6	3	
	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	3 3 Secure	6 6 Unsecure	3	
Management	Areas Frequency of movements off <u>outwith</u> MSS Management Areas	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	3	
Management practices	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0	3 3 Secure	6 6 Unsecure	3	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	3	
Management practices	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0	3 3 Secure (effluent	6 6 Unsecure (no effluent	3	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	3	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	3	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment) 1 2	6 6 Unsecure (no effluent treatment) 2 6	3 3 0 0	
Management practices Water contacts with	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 <b>None</b> 0	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	3 3 0	
Management practices Water contacts with depuration facilities	Areas Frequency of movements off <u>outwith</u> MSS Management 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	0 0 <b>None</b> 0 0	3 3 Secure (effluent treatment) 1 2 4	6 6 Unsecure (no effluent treatment) 2 6 8	3 3 0 0	
Management practices Water contacts with depuration facilities Biosecurity	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None 0 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8 8	3 3 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	3 3 0 0 0	
Management practices Water contacts with depuration facilities Biosecurity	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 None 0 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8 8	3 3 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	3 3 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	3 3 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	3 3 0 0 0	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	3 3 0 0 0 0 0 0 2 5 2	
Management oractices Water contacts with depuration facilities Biosecurity Contacts with other	Areas Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 1 2 4 2 or 3 1 1 1 Yes	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No	3 3 0 0 0 0	

Case No:	2018-0561			Date of visit:	08/11/2018				
Site No:	SS0905	1		Inspector:	WJM	]			
Results Summary	Freq.	Date of Notification							
	- 1	Database	Insp		Insp	Writing	Insp	2 nd Insp	
Report Summary Case Type	Date	Inco	2 nd Insp						
ECI	13/12/2018	Insp WJM	∠ insp JET						



Shetland Mussels Ltd Vadlure Walls Shetland ZE2 9PF

# FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NoSB0372SITE NoSS0905INSPECTORWarren Murray & Paul McKay

DATE OF VISIT08/11SITE NAMEGrunnCASE NO20180

08/11/2018 Grunna Voe 20180561 & 20180623

### 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.

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.

R14

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: 13/12/2018

FHI 059, Version 12	lssu	ied by: FHI		Date of issue: 08/10/2018
Case No: 2018-0562				Date of visit: 08/11/2018
Time spent on site: 3	Omin	3	Main Inspector	: WJM
Site No:SS0838Business No:SB0372	Site Name: Business Name:	Brindister Insho Shetland Musse		
Case Types: 1 ECI	2 3	4	5	6
Water Temp (°C): 10.1	Thermometer No:	T148		FHI 045 completed
Observations:	Region: SH	Water type	e: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see	additional inform	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail rea	ason below:		

4 lines currently in the water collecting spat from 2018. Couldn't see much settlement. Site mainly used for spat collection.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0562	]	Site No:	SS0838	8			
Date of Visit:		08/11/2018			Inspector(s)	): WJM		]
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		e representa	ative?			Y N	]
Site Details						_		
Total No facilities		6	Facilities sto	cked	4	No facilitie	s inspected	6
Species	MED							
Age group	2018							
No Fish	4 lines							
Mean Fish Wt	spat							
Next Fallow Date (S	ite)	Spring 2019		Next Input D	ate (Site)	TBC - Late	e spring/early	summer 19
Recent (last 4 wks)	disease prob	lome?			Any escape	e (cinco last	vicit)?	N
If yes, detail:				<u> </u>	Any escape	5 (51100 1851	visit):	
Movement Record								Y
<ol> <li>Movement record</li> <li>Date of last inspe</li> </ol>		or inspection?					15/09/2016	T
3. Are records comp		actly antorod?					15/09/2016	I Y
4. Are movement re		-	and wasto?	,				N/A
5. Are records comp			i anu waste :					N/A
6. Are health certific			th GB) avails	ahle?				N/A
Transport Records		ut hu (ar an hah	alf) of the hi					
1. Are any movement If yes, is there a sys								
Mortality Records								
1. Mortality records	available for i	nspection?						Y
2. How are mortalitie		•			Other (deta	il)		
		s drop to seabe	ed		• `	/		
3. Mortality records								Y
4. Recent mortality	(last 4 wks):		no mortalitie	s observed sir	nce last inspe	ction		
5. Evidence of recen	nt increased/a	atypical mortali	ties?					N
If yes, facility nos/no	o mortality per	facility/no stoo	ck per facility	/reason:				
	n montolity de							N
<ol> <li>Any other peaks i If yes, detail:</li> </ol>	n mortality du	inng penoa che	ecked?					IN
7. Have increased (	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, add M	IRT case and	enter on mor	tality events a	sheet.	N/A

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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.)?	V
7. Is documentation available regarding the measures in place to maintain the physical containment of	ř
aquaculture animals held on site? 8. Have the biosecurity procedures been adequately implemented on site?	V
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: 15/09/2016 - 08/11/2018	

HI 059, Version 12	Issued by: FHI			Date	of issue: 08
Case Number:	2018-0562 Site No:	SS083	8		
Date of Visit	08/11/2018 Inspector:	WJM			
Number of Susceptik	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	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	0
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	10
_ive shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent rice				$\vdash$
	compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
					J
Movements off	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	1
	Frequency of movements off outwith MSS Management			2	
	Areas	0	3	6	3
	Number of destinations	0	3	6	3
Management practices			3 Secure (effluent		
Water contacts with	Number of destinations	0	3 Secure (effluent	6 Unsecure (no effluent	
oractices	Number of destinations Depuration of stock from own sites within MSS	0	3 Secure (effluent	6 Unsecure (no effluent	
Water contacts with	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	3 0
Water contacts with	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)	3
Water contacts with	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	3 0
vater contacts with depuration facilities	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	0 None 0 0	3 Secure (effluent treatment) 1 2 4	6 Unsecure (no effluent treatment) 2 6 8	3 0 0
Water contacts with depuration facilities Biosecurity	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 ≥ 4	3 0 0
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Sites operating from single shorebase	0 None 0 0	3 Secure (effluent treatment) 1 2 4	6 Unsecure (no effluent treatment) 2 6 8	3 0 0
Water contacts with depuration facilities Biosecurity	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	3 0 0 0
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         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	3 0 0 0
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         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	3 0 0 0
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         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	3 0 0 0 2 5 2
Water contacts with depuration facilities Biosecurity Contacts with other	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         Depuration of stock from sites outwith MSS management area         Depuration of stock from sites outwith MSS management area         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	$\begin{array}{c} 3 \\ 0 \\ 0 \\ 0 \\ 2 \\ 5 \\ \end{array}$

FHI 059, Version 12

Case No:	2018-0562			Date of visit:	08/11/2018	l		
Site No:	SS0838	Inspector: WJM						
Results Summary	Freq.	Date of Notification						
Results Summary	i ieq.	Database	Insp		Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	15/11/2018	WJM	ASM					

# marine scotland science



Shetland Mussels Ltd Vadlure Walls Shetland ZE2 9PF

# FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0372SITE NOSS0838INSPECTORWarren Murray

DATE OF VISIT08/11/2018SITE NAMEBrindister InshoreCASE NO20180562

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.

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: 15/11/2018

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

FHI 059, Version 12	Issu	led by: FHI		Date of issue: 08/10/2018
Case No: 2018-0563				Date of visit: 08/11/2018
Time spent on site: 3	Omin	3	Main Inspector	r: WJM
Site No:SS0650Business No:SB0372	Site Name: Business Name:	Seggi Bight Shetland Musse	els Ltd	
Case Types: 1 ECI	23	4	5	6
Water Temp (°C): 10.1	Thermometer No:	T148		FHI 045 completed
Observations:	Region: SH	Water type	: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		N If yes, see	additional inform	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail rea	ason below:		

## FHI 059, Version 12 Additional Case Information:

All 7 lines holding 2016 stock. Due to be harvested between now and May 2019.

FHI 059, Version 12			lssu	ed by: FHI			Date of issu	ie: 08/10/2018
Case No:	2018-0563	]	Site No:	SS065	0			
Date of Visit:		08/11/2018			Inspector(s	): WJM		]
Registration/Author 1. Business/site det 2. Changes made to	ails summary		te representa	ative?			Y N	]
Site Details		_						
Total No facilities		7	Facilities sto	cked	7	No facilitie	es inspected	7
Species	MED							
Age group	2016							
No Fish	7 lines							
Mean Fish Wt	ADU							
Next Fallow Date (S	Site)	never fully fal	low	Next Input D	ate (Site)	Unknown		
Recent (last 4 wks)	disease prob	lems?			N Any escape	s (since last	visit)?	N
If yes, detail:					, in y obcupe		violty i	
Movement Record	s							
1. Movement record	ls available fo	or inspection?						Y
2. Date of last inspe							15/09/2016	
3. Are records com		ectly entered?						Y
4. Are movement re		•	n and waste?	)				N/A
5. Are records com	plete and corr	ectly entered?						N/A
6. Are health certific		-	th GB) availa	able?				N/A
Transport Records	5							
1. Are any moveme	nts carried ou	ut by (or on beh	alf) of the bu	usiness (not us	sing a STB)?			
If yes, is there a sys	tem in place	for maintenand	e of transpo	rtation records	s?			
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortaliti	es disposed o	of?			Other (deta	il)		
If other detail:	empty shells	s drop to seabe	ed					
3. Mortality records	•	d correctly ente	red?					Y
4. Recent mortality	(last 4 wks):		no mortalitie	s observed si	nce last inspe	ection		
5. Evidence of receiption	nt increased/a	atypical mortali	ties?					N
If yes, facility nos/no	o mortality pe	r facility/no stoo	ck per facility	/reason:				
6. Any other peaks	in mortality du	uring period ch	ecked?					N
If yes, detail:								
7. Have increased (	unexplained)	mortalities bee	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. add M	IRT case and	enter on mor	tality events :	sheet.	N/A

1. Recent treatments (last 4 wks)? If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
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.)?	V
7. Is documentation available regarding the measures in place to maintain the physical containment of	ř
aquaculture animals held on site? 8. Have the biosecurity procedures been adequately implemented on site?	V
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: 15/09/2016 - 08/11/2018	

HI 059, Version 12	Issued by: FHI			Date	of issue: 08	8/10/20
Case Number:	2018-0563 Site No:	SS065	0			
Date of Visit	08/11/2018 Inspector:	WJM				
lumber 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	0	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3	
	Susceptible to OsHV (CGI)		0	3	0	
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	10	
_ive shellfish moven	nents	0	1-2	>3		
Movements on	Frequency of movements on from equivalent MS	0	5	10	5	
	Frequency of movements on from equivalent zone or					
	compartment including third country	0	10	20	0	
	Number of suppliers	0	5	10	5	
Novements off						
movements on	Frequency of movements off within MSS Management					
	Areas	0	1	2	1	
	Frequency of movements off outwith MSS Management				1	
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	1 3 3	
	Frequency of movements off outwith MSS Management				1 3 3	
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6		
Management	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3 3	6 6		
Management practices	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3 3 Secure (effluent	6 6 Unsecure		
	Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0	3 3 Secure (effluent	6 6 Unsecure (no effluent		
practices	Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	3	
Water contacts with	Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area	0	3 3 Secure (effluent	6 6 Unsecure (no effluent		
Water contacts with	Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	3 0	
Water contacts with	Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment)	3	
Water contacts with	Frequency of movements off <u>outwith</u> MSS Management Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 0 None	3 3 Secure (effluent treatment)	6 6 Unsecure (no effluent treatment) 2	3 0	
practices Water contacts with depuration facilities	Frequency of movements off <u>outwith</u> MSS Management 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	0 0 None	3 3 Secure (effluent treatment) 1 2 4	6 6 Unsecure (no effluent treatment) 2 6 8	3 0 0	
practices Water contacts with depuration facilities Biosecurity	Frequency of movements off <u>outwith</u> MSS Management 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 0 None	3 3 Secure (effluent treatment) 1 2	6 6 Unsecure (no effluent treatment) 2 6 8 8	3 0 0	
Practices Water contacts with depuration facilities Biosecurity Contacts with other	Frequency of movements off <u>outwith</u> MSS Management 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 0 None 0 0 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3	6 6 Unsecure (no effluent treatment) 2 6 8	3 0 0	
practices Water contacts with depuration facilities Biosecurity	Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	3 0 0 0	
Practices Water contacts with depuration facilities Biosecurity Contacts with other	Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1	66Unsecure (no effluent treatment)268≥ 42	3 0 0 0	
Practices Water contacts with depuration facilities Biosecurity Contacts with other	Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1	6 6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5	3 0 0 0	
Practices Water contacts with depuration facilities Biosecurity Contacts with other	Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	66Unsecure (no effluent treatment)268≥ 425No	3 0 0 0 2 5 2 2	
Practices Water contacts with depuration facilities Biosecurity Contacts with other	Frequency of movements off <u>outwith</u> MSS Management 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 0 0 0 0 0 0 1 0 0	3 3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	66Unsecure (no effluent treatment)268≥ 425No	3 0 0 0 2 5	

FHI 059, Version 12

Case No:	2018-0563			Date of visit:	08/11/2018	l		
Site No:	SS0650	Inspector: WJM						
Results Summary	Freq.	Date of Notification						
Results Summary	i ieq.	Database	Insp		Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	15/11/2018	WJM	ASM					

# marine scotland science



Shetland Mussels Ltd Vadlure Walls Shetland ZE2 9PF

# FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0372SITE NOSS0650INSPECTORWarren Murray

DATE OF VISIT08/11/2018SITE NAMESeggi BightCASE NO20180563

### 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

R14

Date: 15/11/2018

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