FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0339			Date of visit: 15/08/2018
Time spent on site:	1.5 hours	Main In	spector: ASM
Site No: SS0002	Site Name:	Loch Fyne	
Business No: SB0002	Business Name:	Loch Fyne Oysters Ltd	
Case Types: 1 OTH	2 3	4 5	6
Water Temp (°C):	Thermometer No:	T172	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA:
Dead/weak/abnormally behaving	~ .		al information/clinical score sheet.
Clinical signs of disease observ	ed?		al information/clinical score sheet.
Gross pathology observed? Diagnostic samples taken?		if yes, see additiona	al information/clinical score sheet.
2 la gricollo campios tameni			
UNI/REG only - if unable to carr	ry out intended visit deta	il reason below:	

Visit to assess compliance with control agreement (signed in March 2017) in accordance with Chapter 3, section 16 (8).

Requirements of Loch Fyne Oysters

- 1. Remove of all mussel stock and submerged mussel farm infrastructure (droppers) from the Loch Fyne (SS0002) shellfish farm site:
- 2. Clean all other floating and submerged structures (such as moorings) on the Loch Fyne (SS0002) shellfish farm of any fouling;
- 3. Refrain from collecting spat from the Loch Fyne (SS0002) shellfish farm site;
- 4. Ensure that mussel spat collected at the Loch Fyne (SS0002) shellfish site should not be transferred to other sites for ongrowing where either M. trossulus is known to be absent or where its occurrence is unknown;
- 5. Ensure that mussel stock is not moved out of the area for relaying or re-immersion at other sites where either M. trossulus is known to be absent or where its occurrence is unknown;
- 6. Clean equipment and vessels to remove all fouling prior to moving the equipment to sites or area where M.trossulus is known to be absent of where its occurrence is unknown
- 7. Ensure stock should is not transported for depuration or holding at facilities that discharge to marine waters where M. trossulus is known to be absent or where its occurrence is unknown;
- 8. Undertake sampling and analysis of mussel stock from neighbouring sites to determine the spatial extent of the problem.

Measures undertaken to ensure compliance with each of the requirements

- 1. Last stock moved off to the restaurant in May 2015. Depurated at the Loch Fyne depuration facility next to the farm site. Droppers and headlines disposed at landfill site in Dalinlongart, Sandbank, Dunoon.
- 2. Two static moorings on site. The moorings are inspected once every two years by Cunningham Fabrications and Moorings and are cleaned during each inspection, the last inspection was in June 2018. Broken floats have been on the foreshore for approx 3 years and are going to a recycling centre in Invergordon. The floats will be cleaned and then broken up into chips to be reused as other plastic products. Intact floats were left on the foreshore for between 1 3 years. Before being moved to Loch Roag the floats were scrapped down and pressure washed to remove all fouling. Oyster trestles are inspected daily and no mussels have been observed on the trestles. The fouling on the oysters bags is cut off at every low tide.
- 3. No droppers or spat collector on the site for many years.
- 4. No spat collected for many years.
- 5. All stock moved into the depuration facility next to the site before being sent to the restaurant for consumption.
- 6. The work boat has been taken out of the water and the hull scrapped down and pressure washed. This is done when required, at least annually. The last time it was done was February 2018. The boat was also used at Ardcastle Bay and the Loch Fyne site.
- 7. The only depuration facility used is the one next to the Loch Fyne farm site. No stock transported anywhere apart from the depuration facility.
- 8. A scientist studied the mussels at Ardcastle bay to determine if the mussels there were hybridised. This work was carried out last year.

Ardcastle Bay IMTA has stopped producing. Some moorings still in place but all droppers and headlines have been removed.

Case No:	2018-0339			Date of visit:	15/08/2018					
Site No:	SS0002	1		Inspector:	ASM]				
Results Summary	Freq.	Date of Notification								
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
	1									
Report Summary		I		1						
Case Type	Date	Insp	2 nd Insp	1						
Case Type OTH	18/12/2018	ΛSM	PMM	-						
0111	10/12/2010	ASIVI	L IAIIAI							
	1									
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	f									





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0002Date of Visit15/08/2018Site NoSS0002Site NameLoch FyneInspectorAndy MayesCase No20180339

The above site was inspected to ensure the requirements outlined in the 'Aquaculture and fisheries (Scotland) Act 2013 Section 16(4): Control Agreement', issued 8th March 2017, had been carried out.

All requirements of the control agreement had been fulfilled. The site remains empty of *Mytilus* species for the purposes of aquaculture.

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

Signed: Date: 18/12/2018

Fish Health Inspector

FHI 059, Version 11		Issued by: FHI		Date of issue	e: 12/09/2017
Case No: 2018-0340				Date of visit: 16/0	8/2018
Time spent on site:	.5 hours		Main Inspector	r: ASM	=
Site No: SS0714	Site Name:	Salthouse Point			
Business No: SB0456	Business Name:	Kyles of Bute Oy	sters		
Case Types: 1 ECI	2 3	4	5	6	
Water Temp (°C): 12	Thermometer No:	T172		FHI 045 completed	
Observations:	Region: ST	Water type:	S	CoGP MA:	
Dead/weak/abnormally behaving	fish present?	N If yes, see a	dditional inforn	mation/clinical score s	heet.
Clinical signs of disease observe	ed?			mation/clinical score s	
Gross pathology observed?		N If yes, see a	dditional inforn	mation/clinical score s	heet.
Diagnostic samples taken?		N			
UNI/REG only - if unable to carry	out intended visit deta	il reason below:			

No movements onto site for about 10 years. Stock purchased form Guernsey Sea Farms Wild native oysters on site.

All stock on site grown in Ortac baskets.

Hoping to sell the site as the manager does not sell oysters anymore he only uses the stock for his own consumption and that of a friend.

Manager owns the seabed where the site is situated, its not leased from the Crown Estate.

FHI 059, Version 11			Issu	ed by: FHI			Date of issue	e: 12/09/2017
Case No:	2018-0340		Site No:	SS0714				
Date of Visit:		16/08/2018]		Inspector(s):	ASM		İ
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	itive?			Y Y	
Site Details								
Total No facilities Species Age group	CGI 4 year old	12	Facilities sto	cked	6	No facilitie	s inspected	12
No Fish	3,000							
Mean Fish Wt	160g							
Next Fallow Date (S	ite)	No plans		Next Input Da	ite (Site)	No plans		
Recent (last 4 wks) of the second (last 4 wks) o	disease probl	ems?		N	Any escapes	(since last	visit)?	N
Movement Records	S							
 Movement record Date of last inspect 	s available fo	r inspection?					14/05/2012	Y
3. Are records comp		•						Y
4. Are movement red								N/A
5. Are records comp		•		11.0				N/A
6. Are health certification	ates for introd	luctions (outv	vith GB) avalla	able?				N/A
Transport Records								
1. Are any movement If yes, is there a syst		• `	•	`	,			
Mortality Records								
Mortality records a	available for i	nspection?						N/A
2. How are mortalities	es disposed o	f?			Other (detail))		
	If observed,							
3. Mortality records of	•	correctly ent						N/A
4. Recent mortality (•		None observ	<u>red</u>				N1/A
5. Evidence of recen		•		/				N/A
If yes, facility nos/no	mortality per	racility/no sto	ck per facility	reason:				
6. Any other peaks in	n mortality du	ring period ch	necked?					N/A
If yes, detail:		0,						
7. Have increased (u	nexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	RT case and e	enter on morta	ality events s	sheet.	N/A

Treatments and Medicines Records	
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	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
ir you, dotair (ir not dotailed drider recent discuse problems).	
Records checked between: 14/05/12 - 15/08/18	

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0340 SS0714 Site No: Date of Visit ASM 16/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, 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 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 2 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management 0 2 1 0 Frequency of movements off outwith MSS Management 0 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 Depuration of stock from sites outwith MSS management 0 4 8 area **Number of sites** 1 2 or 3 > 4 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment Yes No Disinfection of equipment between sites, use of footbaths etc 0

Total Risk

LOW

Case No:	2018-0340			Date of vis	it: 16/08/20	18					
Site No:	SS0714 Inspector: ASM										
Results Summary	Freq.	Date of Notification									
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
					+		_				
					+		+	_			
					+			_			
								+			
Report Summary	_		1	7							
Cose Type	Date	lnon	ond I	4							
Case Type ECI	30/08/2018	Insp	2 nd Insp AJW	4							
LOI	30/00/2010	ASIVI	AJVV	4							
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				1							
				4							
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Kyles of Bute Oysters Salann-Mara Colintraive Argyll PA22 3AH

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0456Date of Visit16/08/2018Site NoSS0714Site NameSalthouse PointInspectorAndy MayesCase No20180340

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.

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

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

Signed: Date: 30/08/18
Fish Health Inspector

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0347			Date of visit: 14/08/2018
Time spent on site:	15 mins	Main Ins	spector: ASM
Site No: SS0093	Site Name:	Melfort	
Business No: SB0024	Business Name:	Celtic Sea Ltd	
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C):	Thermometer No:	T172	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA:
Dead/weak/abnormally behavior	ng fish present?	If yes, see additional	l information/clinical score sheet.
Clinical signs of disease obser	ved?	If yes, see additiona	I information/clinical score sheet.
Gross pathology observed?		If yes, see additiona	I information/clinical score sheet.
Diagnostic samples taken?			
UNI/REG only - if unable to car	ry out intended visit deta	il reason below:	

Site observed from the foreshore after receiving permission from the business owner. The gates were locked at the time of the inspection but the site can be seen from the side of the road.

The owner stated via email that the site was fallow. During the inspection one longline was observed in the water with associated floats. The floats appeared high in the water, suggesting that the site is fallow. There was no sign of stock on site from the land.

No movements since the last inspection

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0347		Site No:	SS0093	3			
Date of Visit:		14/08/201	8		Inspector(s):	ASM]
Registration/Authornament 1. Business/site det 2. Changes made to	ails summary		site representa	ative?			Y N	}
Site Details								
Total No facilities		1	Facilities sto	cked	0	No facilitie	es inspected	1
Species	Fallow							
Age group								
No Fish								
Mean Fish Wt								
Next Fallow Date (S	Site)	N/A		Next Input Da	ate (Site)	Summer 2	2019	
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	(since last	visit)?	N
If yes, detail:					,		,	
Mayamant Dagard								
Movement Record		or inanaction	,					Y
 Movement record Date of last inspec 		or inspection:					28/02/2017	'
3. Are records comp		rectly entered	l?				20/02/2017	N/A
4. Are movement re		•		•				N/A
5. Are records comp								N/A
6. Are health certific				able?				N/A
Transport Records	S							
1. Are any moveme		• '		•	•			
If yes, is there a sys	tem in place	for maintena	nce of transpo	rtation records	?			
Mortality Records								
4 14 4 12								NI/A
Mortality records How are martaliti		•			Other (detail)	\		N/A
2. How are mortalities of their detail:			grading and s	went into the s	Other (detail))		
3. Mortality records				wept into the s	ьеа			N/A
4. Recent mortality		a correctly cri	None observ	/ed				14/7
5. Evidence of recei	`	atypical morta						N/A
If yes, facility nos/no		• •		/reason:				
	•	·						
6. Any other peaks	in mortality du	uring period o	checked?					N/A
If yes, detail:								
7. Have increased (unexplained)	mortalities b	een reported to	vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality ev	rents' hoon re	enorted to EL	II2 If no add M	IRT case and	anter on morte	ality events (shoot	N/A
o. Have mortality ev	verus peen it	sponed to FF	ir: ii iio, aud iv	in i case and e		anty events	SHEEL.	I N/A

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
T		

Treetments and Medicines Decords	
Treatments and Medicines Records 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	
Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	

Records checked between:

28/02/17 - 14/08/18

Case No:	2018-0347			Date of visit:	14/08/2018				
Site No:	SS0093	Inspector: ASM							
Results Summary	Freq.			Da	te of Notifica				
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
				<u> </u>		<u> </u>			
Report Summary				1					
Coop Type	Date	Inon	and L						
Case Type		Insp	2 nd Insp						
REG	10/09/2018	ASIVI	KAS						





Celtic Sea Ltd Loch Melfort Arduaine Argyll PA34 4XQ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0024Date of Visit14/08/2018Site NoSS0093Site NameMelfortInspectorAndy MayesCase No20180347

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 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.

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

Signed:



Date: 10/09/18

Fish Health Inspector

FHI 059, Version 11		Issued by: FHI		Date of	issue: 12/09/2017
Case No: 2018-0351				Date of visit:	14/08/2018
Time spent on site:	4 hours	_	Main Inspecto	r: [JET
Site No: SS0354 Business No: SB0525	Site Name: Business Name:	Kyle of Tongue SCEA Huitre JM			
Case Types: 1 ECI	2 3	4	5	6	
Water Temp (°C): 13.5	Thermometer No:	T147		FHI 045 compl	eted
Observations:	Region: HI	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 inforr	mation/clinical so mation/clinical so mation/clinical so	core sheet.
UNI/REG only - if unable to carry	y out intended visit detail	I reason below:			

Site well maintained, stock appeared healthy.

FHI 059, Version 11			Iss	ued by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0351		Site No:	SS035	54			
Date of Visit:		14/08/2018	8		Inspector(s):	JET]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site represent	tative?			Y Y	}
Site Details								
Total No facilities		15000	Facilities st	ocked	10500	No facilitie	es inspected	15000
Species	CGI	CGI	CGI	CGI			1	
Age group	2018	2017	2016	2015				
No Fish	3,500,000	4,700,000	9,300,000	500,000				
Mean Fish Wt	1mm	20mm	50mm	60mm				
Next Fallow Date (S	ite)	N/A		Next Input [Date (Site)	2019		
,	,				_ ``´			
Recent (last 4 wks)	disease prob	lems?			N Any escapes	s (since last	visit)?	Ν
If yes, detail:								
Movement Records	2							
Movement record		or inspection?	•					Y
2. Date of last inspe		or mapechori:					24/10/2017	·
3. Are records comp		rectly entered	?				24/10/2017	Y
4. Are movement re-		•		?				N/A
5. Are records comp				•				N/A
6. Are health certific		•		lable?				Y
Transport Records			,					
1. Are any movemen	nts carried ou	ut by (or on be	ehalf) of the b	usiness (not ι	using a STB)?			
If yes, is there a syst	tem in place	for maintenar	nce of transpo	ortation record	s?			
Mortality Records								
1. Mortality records a		•						N/A
2. How are mortalitie					Other (detail)		
If other detail:				Transfer Site				NI/A
3. Mortality records of	complete and	a correctly en		ith tipp	معطم العطم مادند	miad Catina	oto of 100/	N/A
4. Recent mortality (last 4 wks):		-	y with tissue ir production cy	side shell obse cle.	rvea. Estim	ate of ~ 10%	
5. Evidence of recent increased/atypical mortalities?							N/A	
If yes, facility nos/no	mortality pe	r facility/no st	ock per facility	y/reason:				
6 Any other needs:	n mortaliti.	uring naviasi s	bookod0					NI/A
6. Any other peaks in If yes, detail:	i mortality di	uring period c	пескеа?					N/A
7. Have increased (u	Inexplained)	mortalities be	en reported t	to vet or FHI2				N/A
If yes, detail action:	anexplained)	mortanties be	on reported	to vot of Fril!				14//1
8. Have 'mortality ev	ents' been re	eported to FH	I? If no, add I	MRT case and	l enter on morta	ality events	sheet.	N/A

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		
1. Recent treatments (last 4 wks)?		

Treatments and Medicines Records	
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	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	Y
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.)?	VI
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?	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:

09/05/2016 - 14/08/2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0351 SS0354 Site No: Date of Visit 14/08/2018 JET Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, 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 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 0 0 1-2 >3 Live shellfish movements 0 5 10 10 Frequency of movements on from equivalent MS Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 Number of suppliers 0 5 10 5 Movements off Frequency of movements off within MSS Management 0 1 2 Frequency of movements off outwith MSS Management 0 3 6 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 Depuration of stock from sites outwith MSS management 0 4 8 area **Number of sites** 1 2 or 3 > 4 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment Yes No Disinfection of equipment between sites, use of footbaths etc 0

Total Risk

MEDIUM

Case No:	2018-0351]		Date of visit:	14/08/2018			
Site No:	SS0354]		Inspector	JET]		
Results Summary	Freq.			Da	te of Notifica	tion		
ŕ		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Donort Summon		Ī	1	1				
Report Summary	Data	la sa	and .					
Case Type ECI	Date	Insp	2 nd Insp	_				
ECI	29/08/2018	JE I	ASM	-				
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Kyle of Tongue Oysters Ltd 115B Rhitongue by Lairg Sutherland IV27 4XW

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0525 **DATE OF VISIT** 14/08/2018

SITE NO SS0354 SITE NAME Kyle of Tongue Oysters

INSPECTOR Joe Triscott CASE NO 20180351

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: Date: 29/08/2018

Fish Health Inspector

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0352			Date of visit: 15/08/2018
Time spent on site:	1 hour	Main I	nspector: JET
Site No: SS0916	Site Name:	Scotlive Shellfish Units	2 and 4
Business No: SB0547	Business Name:	Scot Live Shellfish Ltd	
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: B	CoGP MA:
Dead/weak/abnormally behavio	ng fish present?	If yes, see addition	nal information/clinical score sheet.
Clinical signs of disease obser	ved?	If yes, see addition	nal information/clinical score sheet.
Gross pathology observed?		If yes, see addition	nal information/clinical score sheet.
Diagnostic samples taken?			
UNI/REG only - if unable to car	rry out intended visit deta	il reason below:	
	Site fallo	ow at time of inspection	

Site fallow at time of inspection, most recent stock on site had been sent to France for human consumption earlier in the day. During summer months stock is on site for 1-2 days before being sold on. It is anticipated that stock will remain on site for longer (1-2 weeks) later in the year (October onwards) when demand is lower.

Lobsters are transported by Scot Live from various harbours around Scotland to the site in Alness. Lobsters are inspected at the pier and prior to stocking in tanks on site.

Two separate buildings with holding tanks (4 and 3), with a recirc system in place, each tank is on own separate recirc so there is no flow through of water between tanks. Seawater from Ullapool is transported to site for use in recirc system, temperature maintained at ~ 7 degrees C. Protein skimmers, sand filters and UV installed in recric systems.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0352		Site No:	SS0916				
Date of Visit:		15/08/2018]		Inspector(s):	JET]
Registration/Authornal 1. Business/site detail 2. Changes made to	ails summary		ite representa	ative?			Y Y	}
Site Details								
Total No facilities Species		7	Facilities sto	cked	0	No facilitie	es inspected	7
Age group								
No Fish								
Mean Fish Wt								
Next Fallow Date (S	ite)	Fallow during	g inspection	Next Input Da	ate (Site)	15/08/201	8	
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:					,	(1 11 11 11 11 11 11 11 11 11 11 11 11 1	- '/	
Movement Record								
Movement record		r inspection?						Y
2. Date of last inspe		· mopodiom:					First inspect	
3. Are records comp		ectly entered?	•					Y
4. Are movement re	cords availab	le for dead fis	h and waste?					N/A
5. Are records comp	olete and corr	ectly entered?	•					N/A
6. Are health certific	ates for introd	ductions (outw	rith GB) availa	able?				N/A
Transport Records	•							
1. Are any movemen		• '		•	_ ·			
If yes, is there a sys	terri iri piace i	or maintenan	ce or transpor	nation records	f.			
Mortality Records								
1. Mortality records	available for i	nspection?						N/A
2. How are mortalities	es disposed o	ıf?			Other (detail)			
If other detail:				ad animal was	te to Keenan ı	recycling, Al	berdeen	
3. Mortality records	•	correctly ente						N/A
4. Recent mortality ((last 4 wks):		None observ	/ed				
5. Evidence of recent increased/atypical mortalities?							N/A	
If yes, facility nos/no	mortality per	tacility/no sto	ck per facility	/reason:				
6. Any other peaks i	n mortality du	ırina period ch	necked?					N/A
If yes, detail:	da							
7. Have increased (unexplained) mortalities been reported to 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 s	sheet.	N/A

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017

Treatments and Medicines Records	
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	
Biosecurity records available for inspection?	V
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	Y
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?	Y
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).	
Decords absolved between	

Records checked between: First inspection

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0352 SS0916 Site No: Date of Visit JET 15/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If 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 0 Susceptible to OsHV (CGI) 0 3 0 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 0 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management 0 1 2 Frequency of movements off outwith MSS Management 0 3 6 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 Depuration of stock from sites outwith MSS management 0 4 8 area **Number of sites** 1 2 or 3 > 4 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment Yes No Disinfection of equipment between sites, use of footbaths etc 0

Total Risk

LOW

Case No:	2018-0352			Date of vis	sit: 15/08/20	018		
		_						
Site No:	SS0916			Inspecto	or: JE I			
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	_			1				_
			1				4	
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	_	+	+	+		_	+	_
		+	+	+		+		+
		+				+		+
	_			1				_
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Report Summary			1	7				
Cose Type	Date	lnon	ond I.e. a.e.	-				
Case Type REG	23/08/2018	Insp	2 nd Insp ASM	4				
REG	23/00/2010	O JE I	ASIVI	-				
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		+		4				
				_				





Scot Live Shellfish Ltd Units 4 A/B River Close North Teaninich Industrial Estate Alness Ross-shire IV17 0PB

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0547 **DATE OF VISIT** 15/08/2018

SITE NO SS0916 SITE NAME Scotlive Shellfish Units

INSPECTOR Joe Triscott **CASE No** 20180352

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

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

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

No mortality had been observed on site since the site was first registered 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: Date: 23/08/2018

Fish Health Inspector

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0353			Date of visit: 20/08/2018
Time spent on site:	3 hours	Main Inspe	ector: JET
Site No: FS0742	Site Name:	Glenfinnan	
Business No: FB0119	Business Name:	Marine Harvest (Scotland)	Ltd
Case Types: 1 VMD	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: F	CoGP MA:
Dead/weak/abnormally behavio	ng fish present?	N If yes, see additional in	nformation/clinical score sheet.
Clinical signs of disease obser	ved?		nformation/clinical score sheet.
Gross pathology observed?		N If yes, see additional in	nformation/clinical score sheet.
Diagnostic samples taken?		N	
UNI/REG only - if unable to car	rry out intended visit deta	il reason below:	

23/07/2018 vaccinations carried out (PD3)
Post vaccination treatments of formaln and pyceze administered.
Fish sampled for VMD appeared healthy.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	ıe: 12/09/2017
Case No:	2018-0353		Site No:	FS0742	<u>'</u>			
Date of Visit:		20/08/2018	3		Inspector(s):	JET		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			N N	}
Site Details								
Total No facilities		32	Facilities sto	cked	24	No facilitie	es inspected	5
	SAL	SAL						
3-3-1	2018 Q3	2018 Q4						
No Fish	1,100,000	550,000						
Mean Fish Wt	65g	65g						
Next Fallow Date (Si	ite)	April 2019		Next Input Da	ate (Site)	October 2	.018	
Recent (last 4 wks) of the second (last 4 wks) o	disease prob	lems?		N	Any escapes	(since last	visit)?	N
Movement Records								
Movement records Movement records		or inspection?						Y
2. Date of last inspec		Г шарсопо					02/11/2017	
3. Are records comp		ectly entered	?				VE	Y
4. Are movement red	cords availab	ole for dead fis	sh and waste?					Y
5. Are records comp		•						Y
6. Are health certification	ates for introd	ductions (outv	vith GB) availa	ible?				N/A
Transport Records								
1. Are any movement of yes, is there a syst								
Mortality Records								
1. Mortality records a	available for i	inspection?						Y
2. How are mortalitie		•			Ensiled - on s	site		
If other detail:								
3. Mortality records of	•	correctly ent						Y
4. Recent mortality (`			6) across site -	1800 attribute	d to post va	accination	N
5. Evidence of recen		• •						N
If yes, facility nos/no	mortality per	facility/no sid	ock per raciiity/	reason:				
6. Any other peaks in	n mortality du	uring period c	hecked?					N
If yes, detail:	1110	Illig period	loones.					
7. Have increased (u	unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	RT case and e	enter on morta	ality events s	sheet.	N/A

Treetments and Medicines December
Treatments and Medicines Records 4. Record treatments (lost 4 wks)?
1. Recent treatments (last 4 wks)? If yes, detail: Formalin, T.M.S., Pyceze
If yes, detail: Formalin, T.M.S., Pyceze If other, detail:
2. Medicines records available for inspection?
3. Are records complete and correctly entered?
4. Are fish in a withdrawal period?
5. If yes, what treatment(s)? Formalin, T.M.S.
If other, detail:
6. Are medicines stored appropriately?
Biosecurity Records
Biosecurity records available for inspection?
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?
moreasea (anexplanted) mortality at the site seem moraled.
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).
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Records checked between: 02/11/2017 - 20/08/2018

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Case no:	2018-03	353	Site No:		FS0742				t/	20/0)8/2018	
Priority samples:	VI		ВА		PA		MG	Sampling.	HI			
Time sampling starts/ends:	17:0	0:00				Inspector	r:	JET		VMD No). [13
Environmental conditions:	1	Indoors	2		3		4		5			
Summary samples	HIST		ВА		MG	\ 	√I	PA			Total Sa	mples
dd Fish/Pools - click												
Pool/Fish No												
Fish nos	1-9	10-18	19-27	28-33	34-39							
Pool Group												
Species	SAL	SAL	SAL	SAL	SAL							
Average weight	0.0650	0.0650	0.0650	0.0650	0.0650							
Sex	N/A				N/A							
Water Type	FW	FW	FW	FW	FW							
	0	0	0		0							.
	ore	ore	ore	ore	ore							
	hm	hm	hm	hm	Ę							
Stock Origin	Inc	Inc	Inc	Inc	luc							.
Facility No	11	12	13		17							
	Case no: Priority samples: Time sampling starts/ends: Environmental conditions: Summary samples dd Fish/Pools - click Pool/Fish No Fish nos Pool Group Species Average weight Sex Water Type Stock Origin	Case no: Priority samples: VI Time sampling	Case no: Priority samples: VI Time sampling 17:00:00 starts/ends: Environmental conditions: Summary samples HIST dd Fish/Pools - click Pool/Fish No Fish nos 1-9 10-18 Pool Group Species SAL SAL Average weight 0.0650 0.0650 Sex N/A N/A Water Type FW FW	Case no: Priority samples: VI BA Time sampling 17:00:00 starts/ends: Environmental conditions: 1 Indoors 2 Summary samples HIST BA dd Fish/Pools - click Pool/Fish No BA Fish nos 1-9 10-18 19-27 Pool Group Species SAL SAL SAL SAL Average weight 0.0650 0.0650 0.0650 Sex N/A N/A N/A N/A Water Type FW FW FW WE SAL	Case no: 2018-0353 Site No: Priority samples: VI BA Time sampling starts/ends: 17:00:00 2 Environmental conditions: 1 Indoors 2 Summary samples HIST BA dd Fish/Pools - click Pool/Fish No 1-9 10-18 19-27 28-33 Pool Group Species SAL SAL SAL SAL SAL Average weight 0.0650 0.0650 0.0650 0.0650 0.0650 Sex N/A N/A N/A N/A N/A Water Type FW FW FW FW	Case no: 2018-0353 Site No: FS0742 Priority samples: VI BA PA Time sampling starts/ends: 17:00:00 Starts/ends: 3 Environmental conditions: 1 Indoors 2 3 Summary samples HIST BA MG dd Fish/Pools - click BA MG Pool/Fish No Image: Pool Group species Image: Pool Group species	Case no: 2018-0353 Site No: FS0742 Priority samples: VI BA PA Time sampling starts/ends: 17:00:00 Inspecto Environmental conditions: 1 Indoors 2 3 Summary samples HIST BA MG MG MG MG Pool/Fish No BA BA MG Fish nos 1-9 10-18 19-27 28-33 34-39 Pool Group Pool Group BA SAL S	Case no: 2018-0353 Site No: FS0742 Priority samples: VI BA PA MG Time sampling starts/ends: 17:00:00 Inspector: Inspector:	Case no: 2018-0353 Site No: FS0742 Date of visit Sampling: Priority samples: VI BA PA MG Time sampling 17:00:00 Inspector: JET starts/ends: Environmental conditions: 1 Indoors 2 3 4	Case no: 2018-0353 Site No: FS0742 Date of visit/ Sampling: Priority samples: VI BA PA MG HI Time sampling 17:00:00 Inspector: JET starts/ends: Environmental conditions: 1 Indoors 2 3 4 5 Summary samples HIST BA MG VI PA dd Fish/Pools - click Pool/Fish No Fish nos 1-9 10-18 19-27 28-33 34-39 Pool Group Species SAL SAL SAL SAL SAL SAL Average weight 0.0650 0.0650 0.0650 0.0650 0.0650 Sex N/A	Case no: 2018-0353 Site No: FS0742 Date of visit 20/0 Sampling: Date of visit 20/0 Sampling: Date of visit Date of visit	Case no:

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

Site No: FS0742

Case No: 2018-0353

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0353			Date of visit:	Pate of visit: 20/08/2018							
Site No:	FS0742	1		Inspector:	JET	1						
Results Summary	Freq.			Da	te of Notificat	tion						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp				
						1						
D 1 O												
Report Summary	_		nd									
Case Type VMD	Date	Insp	2 nd Insp									
VMD	23/08/2018	JE I	ASM									
	1											





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 NoFB0119Date of Visit20/08/2018Site NoFS0742Site NameGlenfinnanInspectorJoe TriscottCase No20180353

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.

Samples were taken to be analysed for veterinary residues.

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

Records

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

Medicine records were inspected and found to be adequately maintained.

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

Mortality records were inspected and found to be adequately maintained

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



Date: 23/08/2018

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 11	Is	sued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0354			Date of visit: 14/08/2018
Time spent on site:	4 Hrs	Main Inspe	ector: WJM
Site No: FS1210	Site Name:	Vestness	- d 4 d
Business No: FB0095	Business Name:	Cooke Aquaculture Scotlar	ia Lta
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 13.55	Thermometer No:	T274	FHI 045 completed
Observations:	Region: OR	Water type: S	CoGP MA: O-1
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed?	· .	N If yes, see additional in	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.
Diagnostic samples taken? UNI/REG only - if unable to carr	ny out intended vioit detail r	IN IN	
ONI/REG Only - II unable to can	y out interface visit detail i	eason below.	

Additional Case Information:

Fish on site since April. Fish sampled for VMD appeared healthy both externally and internally. Lice loads currently low.

2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? If yes, is there a system in place for maintenance of transportation records? Mortality Records 1. Mortality records available for inspection? 2. How are mortalities disposed of? If other detail: 3. Mortality records complete and correctly entered? 4. Recent mortality (last 4 wks): 5. Evidence of recent increased/atypical mortalities? If yes, facility nos/no mortality per facility/no stock per facility/reason: 6. Any other peaks in mortality during period checked? If yes, detail: 7. Have increased (unexplained) mortalities been reported to vet or FHI?	FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Registration/Authorisation Details 1. Business/site details summary checked by site representative? 2. Changes made to details? Total No facilities Species Species SAL Age group 2018 S1 No Fish S71,627 Mean Fish Wt Next Fallow Date (Site) December 2019 Next Input Date (Site) April 2020 Recent (last 4 wks) disease problems? N Any escapes (since last visit)? If yes, detail: Movement Records 1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 1. Mortality records available for inspection? 2. How are mortalities disposed of? If other detail: 3. Mortality records available for inspection? 2. How are mortalities disposed of? If other detail: 3. Mortality records complete and correctly entered? 4. Recent mortality (last 4 wks): 3. 186 (0.55%) 5. Evidence of recent increased/atypical mortalities? If yes, Itality nos/no mortality per facility/reason: If yes, Itality nos/no mortality per facility/re stock per facility/reason: If yes, Itality nos/no mortality deriver per facility/reason: If yes itality nos/no m	Case No:	2018-0354		Site No:	FS1210				
1. Business/site details summary checked by site representative? 2. Changes made to details? Total No facilities Species SAL Age group No Fish No Fish S71,627 Mean Fish Wt S95g Mext Fallow Date (Site) December 2019 Next Input Date (Site) April 2020 Recent (last 4 wks) disease problems? N Any escapes (since last visit)? If yes, detail: Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? If yes, is there a system in place for maintenance of transportation records? Mortality Records 1. Mortality records available for inspection? 2. How are mortalities disposed of? If other detail: 3. Mortality records complete and correctly entered? 4. Recent mortality (last 4 wks): 3. 186 (0.55%) 5. Evidence of recent increased/atypical mortalities? If yes, Is there a system in prace for maintenance of transportation records? Wet29 - 2113 (0.36%), Wk30 - 2590 (0.45%), Wk31 - 3093 (0.54%), Wk32 - 3186 (0.55%) 5. Evidence of recent increased/atypical mortalities? If yes, Is there as in mortality per facility/no stock per facility/reason: If yes, Is detail: Now there peaks in mortality during period checked? If yes, detail: Now there peaks in mortality during period checked? If yes, detail: Now the peaks in mortality during period checked? If yes, detail: Now the peaks in mortality during period checked? If yes, detail: Now the peaks in mortality during period checked? If yes, detail:	Date of Visit:		14/08/2018	3		Inspector(s):	WJM]
Total No facilities Species Species SAL SAL Soft Sign Sign Sign Sign Sign Sign Sign Sign	1. Business/site det	ails summary		ite representa	itive?			Y N	
Species Age group 2018 S1	Site Details								
Age group No Fish S71,627 S959 Next Fallow Date (Site) December 2019 Next Input Date (Site) April 2020 Recent (last 4 wks) disease problems? No Fish S71,627 N			16	Facilities sto	cked	12	No facilitie	es inspected	16
No Fish S71,627 Mean Fish Wt Next Fallow Date (Site) December 2019 Next Input Date (Site) April 2020 Recent (last 4 wks) disease problems? Nany escapes (since last visit)? Nany escapes (last visit). N	•								
Mean Fish Wt Next Fallow Date (Site) December 2019 Next Input Date (Site) April 2020 Recent (last 4 wks) disease problems? N Any escapes (since last visit)? N Estapport Records 12/10/2016 3. Are records complete and correctly entered? 4. Are nowment records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? N Are any movements carried out by (or on behalf) of the business (not using a STB)? If yes, is there a system in place for maintenance of transportation records? Mortality Records 1. Mortality records available for inspection? 2. How are mortalities disposed of? Wk29 - 2113 (0.36%), Wk30 - 2590 (0.45%), Wk31 - 3093 (0.54%), Wk32 - 3186 (0.55%) S. Evidence of recent increased/atypical mortalities? M Wk29 - 2113 (0.36%), Wk30 - 2590 (0.45%), Wk31 - 3093 (0.54%), Wk32 - 3186 (0.55%) S. Evidence of recent increased/atypical mortalities? N Any other peaks in mortality during period checked? If yes, facility nos/no mortality during period checked? N Any other peaks in mortality during period checked? N Any other peaks in mortalities been reported to vet or FHI?									
Next Fallow Date (Site) Recent (last 4 wks) disease problems? Recent (last 4 wks) disease problems? Nany escapes (since last visit)? Nany								 	
Recent (last 4 wks) disease problems? If yes, detail: Movement Records			December 2	010	Nevt Innut Da	ota (Sita)	April 2020	1	
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If yes, facility nos/no mortality per facility/no stock per facility/reason: 6. Any other peaks in mortality during period checked? If yes, detail: 7. Have increased (unexplained) mortalities been reported to vet or FHI?	•	`	atynical mortal		')				N
If yes, detail: 7. Have increased (unexplained) mortalities been reported to vet or FHI? N/A			* *		/reason:				
If yes, detail: 7. Have increased (unexplained) mortalities been reported to vet or FHI? N/A		• •	·						
7. Have increased (unexplained) mortalities been reported to vet or FHI?	•	in mortality du	ıring period ch	necked?					N
	•								NI/A
II VAS DATAII ACTION.	/. Have increased (If yes, detail action:	• •	mortalities be	en reported to	vet or FHI?				N/A

N/A

8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		
1. Recent treatments (last 4 wks)?		Υ

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	Y
If yes, detail: H2O2, 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?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Ÿ
3. Any significant results?	N
If yes, detail (if not detailed under recent disease problems).	
, , , , , , , , , , , , , , , , , , ,	

Records checked between: 12/10/2016 - 14/08/2018

' '	ni usa, versioni i i							155	ueu by. r	111			
	Case no:	2018-03	354	Site No:		FS1210			Date of v		14/0	08/2018	
	Priority samples:	VI		ВА		PA		MG	Sampling	J. HI			
	Time sampling starts/ends:	13:0	0:00	13:5	0:00		Inspecto	or:	WJM		VMD No).	12
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-2	3-4	5-6									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	0.5950	0.5950	0.5950									
	Sex	N/A	N/A	N/A									
	Water Type	SW	SW	SW									
S			Ф	Ө									
ck Details	Stock Origin	Rysa	Garasdale	Garasdale									
Stock	Facility No	1	14	16									

				mation:							
	Fish 1 -	3 were	caught	at 15:30	and sai	mpled a	t 16:00.				
0		Total To	ests ass	igned	0						

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017
Case Number:	2018-0354		Site No:	FS1210		Insp:	WJM
Date of Visit	14/08/2018		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	0
	Number of sup	ocluding third country	0			14	0
Mayana anto aff			0			10	10
Movements off	Frequency of m		0			10	3
Exposure via water							
Water contacts with other farms (holding species	Farm is protect disinfection or l	ed (secure water supply through	0				
susceptible to same diseases)	Farm is on-line	or in a coastal zone with category I	1	2	4		2
Management practices Water contacts with	Farm is on-line	or in a coastal zone with category III	1	3	6		
		or in a coastal zone with category V		3	0		
		or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within	No on farm pro	cessing	0				
the rules of the directive	Processing own	n fish (re-cycling risk)	1	1			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	1			
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0]			
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	-]			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2
	Sites sharing s	taff and equipment	0	1	2		2
Disinfection of equipment	Yes		0]			0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0]			0
	No		2				
					Total		23
					Rank		MEDIUM

FHI 059, Version 11	Issu	ued by: FHI	Date of iss	ue: 12/09/2
Case No: 2018-03	354	Site No:	FS1210	
Sea Lice Inspection (Seawater 1. Has the site experienced sea I	Sites Only) ice problems in the previous 4 ye	ears?		N
·	nt Area (or equivalent) fallowed		/ear class basis?	N
3. Does the site have access to a azamethiphos and emamectin be can these be deployed in a reaso 4. Is there a signed documented	a range of licenced in-feed and ba enzoate) as well as access to su onable period of time? farm management agreement or	ath sea lice medications (in itable biological and/or med	cluding deltamethrin, chanical control measures, and	Υ
Management Area (or equivalent				
	ilable for inspection? (Legal SSI,		1001 0 00 4	Y
b. Do records adequately reflect	the required standard specified in	n the SSI and the CoGP? (I	Legal SSI, CoGP Annex 6)	Υ
7. Are sea lice (<i>L. salmonis</i>) recorected? (CoGP A	ord levels below the suggested cr Annex 6)	riteria for treatment in the C	oGP during the period that	Υ
records are inspected?	a lice (<i>L. salmonis</i>) numbers per		above during the period that	N
	to the Fish Health Inspectorate?			N/A
9. Is <i>C. elongatus</i> infestation at a	a level which is considered to cau	use significant welfare prob	lems? (CoGP 4.3.81, 5.3.50)	N
•	been administered or other action where <i>C. elongatus</i> is conside			N/A
11. Has any other action been ta	ken (where applicable)?			N/A
12. Have therapeutic treatments	or the actions taken had a signifi	cant impact upon the lice le	evels recorded?	N/A
	cted, carried out in cooperation be for the site, where fewer populat	• • •		Y Y
	lice management procedure with f a sea lice infestation?	n waypoints describing set	actions to deal with recognised	Υ
16. Does the stock on site appeareasons.	r satisfactory in relation to sea lic	ce level and sea lice count	data? If no please detail	Υ
	oment damage due to predators in ate against the predation experies			N V
M.M.L., Tensioned Nets, Top		choca on site: (Detail belov	•)	'
If other, detail below:	, , , , , , , , , , , , , , , , , , , ,			
sapphire Sealpro nets				
 Have escape incidents or eve Yes proceed with questions 4 - Have these been reported to S 		e vicinity of the site since th	ne last FHI inspection?	N
	ocal DSFB forthwith (where they he SSPO and local fisheries trust			
·	recover escapees? If yes give d			
8. If gill nets were deployed was Ministers? (Legal, CoGP – 4.4.38	this action agreed with local wild 3. 5.4.18)	fish interests and was pern	nission given by Scottish	
. •	ent and minimise the risk of furth	ner escapes? (Not covered	in code but could	
be considered under satisfact				
	actory with regards to containme	nt? If no, please detail reas	son(s)	Υ

Date of issue: 12/09/2017

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0354	Site No: FS1210	
Date of Visit: 14/08/201	8 Inspector: WJM	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Y
If N, no further questions require comp	oletion.	
Points of Compliance for Both Farm	Management Agreements and Statements	
3. Is the current FMAg/S available for i4. Does the FMAg/S identify the releva5. Does the FMAg/S identify the fish fa	ant farm management area? arm site(s) to which it applies? of commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health Mana	gement	
8. Does the FMAg/S identify the minim farm?	num health standards for the stocks to be introd	uced to the area or Y
10. Does the FMAg/S identify the spec11. Does the FMAg/S identify the maxindividual farm?	nation requirements for stocks held in the area of the cies of fish which may be stocked into the area of the cies of fish which may be stocked into the area of the cies of fish which may be stocked into the area of the cies of the ci	or farm? n the area or the
12. Does the FMAg/S identify the arrar fish farm in the area or the individual f	ngements for the storage and disposal of any dearm?	ead fish from any Y
Arrangements for The Management	of Sea Lice	
13. Does the FMAg/S identify arranger	ments for the sharing of data on sea lice number	ers and treatments?
14. Does the FMAg/S identify the avail of statement?	ability and the use of medicines on farms cover	
15. Does the FMAg/S identify any require on farms in the area or individual fa	irements for the sensitivity testing of available t	reatments for sea Y
16. Does the FMAg/S identify the circu	imstances under which biological controls and o	cleaner fish are to be Y
used on farms in the area or individual 17. Does the FMAg/S identify the arrar	ngements for synchronous treatments on farms	
Live Fish Movements		
18. Does the FMAg/S identify the circuarea or farm?	imstances when live fish may be introduced or	
19. Does the FMAg/S identify the arrar or individual farms?	ngements for the movement of live fish on and	off sites in the area

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Harvesting		
20. Does the FMAg/S identify acceptabl	e harvest practices on farms in the area or individ	dual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be restoo	by which the area or individual farm will be fallow cked?	and the earliest Y
22. Does the FMAg/S identify whether of agreement or statement?	one or more year classes may be stocked onto sit	res covered by the Y
23. Does the FMAg/S identify whether be covered by the agreement or statement	proodstock or potential broodstock are to be kept ?	on any site Y
Point of Compliance for Farm Manag	ement Agreements Only	
24. Does the farm management agreem parties to the agreement?	nent include arrangements for persons to become	e, or cease to be,
Management and operation		
25. Is the fish farm being managed and	operated in accordance with the agreement or st	tatement?
26. What is the version no/date of issue	of the FMAg/S? 15/01/2018	

Site No: FS1210

Case No: 2018-0354

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0354			Date of vis	it: 14/08/20	18		
0:- 11								
Site No:	FS1210	J		Inspecto	or: WJM	_		
Results Summary	Freq.			[Date of Notif	ication		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
						_		_
		<u> </u>				-		_
		 				+	+	+
		1						+
						_		_
Report Summary		1						
Cose Type	Date	Inon	ond I.s.s.s	_				
Case Type ECI/CNI/SLI/VMD	27/08/2018	Insp	2 nd Insp ASM					
LCI/CINI/SLI/VIVID	21/00/2010	VVJIVI	ASIVI	_				
				-				
				_				
		 		-				
			1					





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0095Date of Visit14/08/2018Site NoFS1210Site NameVestnessInspectorWarren MurrayCase No20180354

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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 Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations

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.



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 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0355			Date of visit: 14/08/2018
Time spent on site:	1 Hr	Main In	spector: WJM
Site No: SS0185 Business No: SB0121	Site Name: Business Name:	Bay of Skaill Orkney Oysters	
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C): 13.5	Thermometer No:	T274	FHI 045 completed
Observations:	Region: OR	Water type: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additiona	al information/clinical score sheet. al information/clinical score sheet. al information/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detai	il reason below:	

Additional Case Information:

All mortalities are to be recorded and will be disinfected before being disposed of. All stock will be going straight for human consumption, none for relaying at other locations.

FHI 059, Version 11			Issu	ued by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0355		Site No:	SS0185	j j			
Date of Visit:		14/08/2018	3		Inspector(s):	WJM		
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N	
Site Details								
Total No facilities		540	Facilities sto	ocked	182	No facilitie	es inspected	540
	CGI	CGI						
3-3-1	2018	2018						
No Fish	610,139	159,900						
Mean Fish Wt	10mm	10mm						
Next Fallow Date (Si	ite)	never fallow		Next Input Da	ate (Site)	May/June	2019	
Recent (last 4 wks) of If yes, detail:	disease prob	lems?		N	N Any escapes	s (since last	visit)?	N
•								
Movement records		in an action?						Y
 Movement records Date of last inspect 		or inspection:					first inspection	
3. Are records comp		rectly entered	2				III St II ISPECTA	Y
4. Are movement red		•						N/A
5. Are records comp								N/A
6. Are health certification		•		able?				Y
Transport Records								
1. Are any movement If yes, is there a syst								
Mortality Records								
Mortality records a	available for	inspection?						N/A
2. How are mortalitie		•			Other (detail))		
		s disinfected a						
3. Mortality records of		d correctly ent						N/A
4. Recent mortality (` '		no morts sind	ce input				
5. Evidence of recen		• •						N/A
If yes, facility nos/no	mortality per	r facility/no sto	ock per facility/	/reason:				
6. Any other peaks in	n mortality di	uring period c	hecked?					N/A
If yes, detail:	Tilloria,	aning point	loonou.					
7. Have increased (u	unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	eported to FHI	? If no, add M	RT case and c	enter on morta	ality events s	sheet.	N/A

Treatments and Medicines Records	
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	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	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	Υ
aquaculture animals held on site?	V
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	Y
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 01/05/2018 - 14/08/2018	

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0355 SS0185 Site No: Date of Visit WJM 14/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If 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 0 Susceptible to OsHV (CGI) 0 3 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal 0 2 10 0 0 1-2 >3 Live shellfish movements 0 5 10 Frequency of movements on from equivalent MS Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 0 Number of suppliers 0 5 10 5 Movements off Frequency of movements off within MSS Management 0 2 1 0 Frequency of movements off outwith MSS Management 0 0 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management

Biosecurity

Contacts with other sites

area

Number of sites

Sites operating from single shorebase

Disinfection of equipment between sites, use of footbaths etc

Sites sharing staff and equipment

0

1

0

4

2 or 3

Yes

0

Total Risk 8

≥ 4

No

0

LOW

Site No: SS0185

Case No: 2018-0355

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0355]		Date of vis	it: 14/08/20	18		
O'C N								
Site No:	SS0185	J		Inspecto	r: WJM	_		
Results Summary	Freq.				ate of Notifi			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
							_	
	+		+	+	+	+		_
						+		
	+					+		
D C			T	7				
Report Summary	D /		- nd -	4				
Case Type ECI	Date	Insp	2 nd Insp	-				
ECI	27/08/2018	WJM	ASM	4				
				4				
				4				
				4				
				-				
	_		+	4				
			+	-				
			1					
		 	† 					
		<u> </u>						





Orkney Oysters Seaquoys Westray Orkney KW17 2DN

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0121Date of Visit14/08/2018Site NoSS0185Site NameBay of SkaillInspectorWarren MurrayCase No20180355

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.

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: 27/08/2018

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

Issu	ed by: FHI		Date of issue	: 12/09/2017
		Da	te of visit: 15/08	3/2018
Hrs	Ma	in Inspector:	WJM	
Site Name: Business Name:	Chalmers Hope Cooke Aquaculture	Scotland Ltd		
2 CNI 3 SLI	4 VMD 5	6		
Thermometer No:	T274	FH	I 045 completed	
Region: OR	Water type:	S	CoGP MA: O-	-3
fish present? d?	N If yes, see addi	tional information	on/clinical score sl	heet.
out intended visit detail rea	son below:			
	Hrs Site Name: Business Name: CNI 3 SLI Thermometer No: Region: OR fish present?	Site Name: Business Name: Cooke Aquaculture COOKE Aquaculture COOKE Aquaculture COOKE Aquaculture T274 T274 Region: OR Water type: If yes, see adding the present? If yes, see adding the present of the pres	Hrs Main Inspector: Site Name: Business Name: Chalmers Hope Cooke Aquaculture Scotland Ltd CNI 3 SLI 4 VMD 5 6 Thermometer No: Region: OR Water type: S fish present? N If yes, see additional information N If yes, yes additional	Date of visit: 15/08 Hrs Main Inspector: WJM Site Name: Business Name: Chalmers Hope Cooke Aquaculture Scotland Ltd CNI 3 SLI 4 VMD 5 6 Thermometer No: T274 FHI 045 completed Region: OR Water type: S CoGP MA: Offish present? N If yes, see additional information/clinical score slip yes, see additional information/clinical yes, see additional yes, see

Additional Case Information:

Fish only on site since 30th June 2018. All mortalities put down to poor doers. Fish sampled for VMD appeared healthy.

L salmonis levels on site currently at 0 adult female lice per fish. C. elongatus levels on site are low.

FHI 059, Version 11			Issu	ued by: FHI			Date of issu	ıe: 12/09/2017
Case No:	2018-0356		Site No:	FS0993	3			
Date of Visit:		15/08/2018	3		Inspector(s):	: WJM		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y Y	}
Site Details								
Total No facilities		12	Facilities sto	ocked	8	No facilitie	es inspected	12
	SAL 2017 S0							
Age group No Fish	2017 S0 443,382							
Mean Fish Wt	1.2Kg							
Next Fallow Date (Si		February 201	19	Next Input Da	ate (Site)	June/July	2019	
, and the second	,	,			7			
Recent (last 4 wks)					Y Any escapes	s (since last	visit)?	N
If yes, detail:	PD. Mortality	y remaining be	elow 1%/weel	ζ.				
Movement Records	s							
1. Movement records	s available fo	r inspection?						Y
2. Date of last inspec							02/03/2016	
3. Are records comp		•						Y
4. Are movement red								Y
5. Are records comp		•		-6100				Y N/A
6. Are health certification		JUCTIONS (Outw	/Ith GD) availa	Able?				TV//
Transport Records								
1. Are any movemer	nts carried ou	it by (or on be	half) of the bu	isiness (not us	sing a STB)?			N
If yes, is there a syst								
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalities		•			Biogas - Gas	sk, Turriff		
If other detail:								
3. Mortality records of	•	•						Y
4. Recent mortality (`			1/07/18: 3,616	(0.8%), 01/08	3/18 - 14/08/	18: 2,480 (0.5	
5. Evidence of recen		• •						N
If yes, facility nos/no	mortality per	facility/no sto	ck per racinty	/reason:				
6. Any other peaks in	n mortality du	ring period ch	necked?					N
If yes, detail:								
7. Have increased (u	unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:								11/4
8. Have 'mortality ev	ents' been re	ported to FHI'	? If no, add M	RT case and	enter on morta	ality events s	sheet.	N/A

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medic	ines Records		
1. Recent treatments (la			Y
If yes, detail:	H2O2, T.M.S.		

If yes, detail:	T.M.S.	
If other, detail:	1.101.0.	
Medicines records available for inspec	tion?	
3. Are records complete and correctly er		
4. Are fish in a withdrawal period?		
5. If yes, what treatment(s)?	TMS,	
If other, detail:	······································	
6. Are medicines stored appropriately?		`
Biosecurity Records		
Biosecurity records available for inspection.	ction?	,
2. Has the manner and frequency of mo	tality removal, recording and safe disposal been conside	red?
3. Has the manner and period in which t	e APB will notify Scottish Ministers or veterinary professi	ional of any
increased (unexplained) mortality at the	site been included?	
	event that the presence or suspicion of the presence of	a listed disease
	when that will be notified to Scottish Ministers?	
	nimals being stocked on the farm site been covered (equ	ıal or higher
health status, certification if required)?		
6. Have the husbandry and hiosecurity n	easures implemented between each epidemiological uni	it to minimise
•	novement of staff, visitors, equipment, live or dead fish et	
	he measures in place to maintain the physical containme	
aquaculture animals held on site?	p, p	
8. Have the biosecurity procedures been	adequately implemented on site?	
If no, detail:		
Results of Surveillance		
1. Has any animal health surveillance be	en carried out by, or on behalf of, the business?	`
2. If yes, are results available for inspect	on?	
3. Any significant results?		
	Muscle, heart and par	ncreas findings suspicion of
If yes, detail (if not detailed under recent	disease problems). PD	

Records checked between:

02/03/2016 - 15/08/2018

1111 000, VEISIOII 11						issued by. I III							
	Case no:	2018-03	356	Site No:		FS0993			Date of Samplin		15/0	08/2018	
	Priority samples:	VI		ВА		PA		MG		g. HI			
	Time sampling starts/ends:		00:00		5:00		Inspecto	or:	WJM	اء	VMD No). 	10
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2-3										
	Pool Group												
	Species	SAL	SAL										
	Average weight	1.2000	1.2000										
	Sex	N/A	N/A										
	Water Type	SW	SW										
Details		Pegal Bay	Pegal Bay										
X D	Stook Origin	ega	ega										
Stock	Stock Origin Facility No	3	8										
S	T domity 140	3	O										

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

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017
Case Number:	2018-0356		Site No:	FS0993		Insp:	WJM
Date of Visit	15/08/2018		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	ovements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		ovements on from equivalent zone or		_	40		
species	compartment in Number of supp	cluding third country	0			26 14	0
Movements off	Frequency of m		0			10	3
F	Number of dest		0			10	3
Exposure via water Water contacts with other	Earm is protect	Site contacts ed (secure water supply through	<u> </u>	1-5	6-10		
farms (holding species	disinfection or b		0				
susceptible to same	Farm is on-line	or in a coastal zone with category I					
diseases)		or within 1 tidal excursion	1	2	4		4
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V			Ŭ		
		or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with	Any processing	plant discharging into adjacent waters			Chiocodio		
processors	,, p. 66666g	Frank aloonal gillig line de Jeoon tratolo	0	1	2		0
On farm processing within	No on farm pro	cessing					
the rules of the directive	Processing owr	n fish (re-cycling risk)	0				
	Processing fish	from MS of equivalent status	2	-			⊢
		from zone or compartment of					⊢
	equivalent statu		4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0	1			
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0]			0
	Feeding unpast	•	5				
Biosecurity	3 7 7 3 7	Number of sites		J 2 or 3	≥4		
Contacts with other sites	Sites operating	from single shorebase		1	2		2
	Sites sharing st	aff and equipment	0		2		2
Disinfection of equipment	Yes		0				
between sites, use of	No		1	-			-
footbaths etc			1	J			
CoGP/Regulator Practices in accordance	Yes		<u> </u>	1			
with regulator or industry			0				0
code of practice	No		3				
Platform access to cages	Yes			1			
Tidilomi docess to cayes	No		0				
	140			J			
					Total		18
					Rank		MEDIUM

						_	
Case No:	2018-0356		Sit	te No:	FS0993		
	(Seawater Sites Only) Inced sea lice problems	in the previous 4 years	2				N
•	Management Area (or e			cinalo v	oar class basis?		N
			•				IN V
azamethiphos and em can these be deployed	access to a range of lice amectin benzoate) as valin a reasonable period cumented farm manage equivalent)?	well as access to suitab I of time?	ole biological and	d/or mech	hanical control measu	ures, and	Y
,	ecords available for insp	pection? (Legal SSI, Co	GP Annex 6)				Υ
	ely reflect the required	· •	•	oGP? (L	egal SSI, CoGP Anne	ex 6)	Υ
7. Are sea lice (<i>L. saln</i> records are inspected	nonis) record levels bel ? (CoGP Annex 6)	ow the suggested criter	ria for treatment	in the Co	oGP during the period	I that	Υ
8. Have average adult records are inspected	female sea lice (<i>L. salr</i> ?	monis) numbers per fish	h been at a level	of 3 or a	above during the perio	od that	N
If yes, have these bee	n reported to the Fish H	lealth Inspectorate? If n	no, FHI see comi	ment.			N/A
9. Is <i>C. elongatus</i> infe	station at a level which	is considered to cause	significant welfa	re proble	ems? (CoGP 4.3.81,	5.3.50)	N
	reatments been adminis						N/A
11. Has any other acti	on been taken (where a	pplicable)?					N/A
•	reatments or the actions		nt impact upon th	ne lice lev	vels recorded?		N/A
•	nere conducted, carried	-					Υ
	ng strategy for the site,	·	•	~		nt for	Y
	cific written lice manage scalation of a sea lice in		aypoints describ	ing set a	ctions to deal with re	cognised	Υ
16. Does the stock on reasons.	site appear satisfactory	in relation to sea lice le	evel and sea lice	e count d	ata? If no please deta	ail	Υ
Containment Inspect	ion						
•	nced equipment damaç	ge due to predators in the	he current or pre	evious pro	oduction cycles?		N
	ace to mitigate against t						Υ
·	.M.L., Tensioned Nets		()		,		
If other, detail below		s, 10p 11010					
ii otilor, dotali bolow							
3. Have escape incide	ents or events been exp	erienced on or in the vi	cinity of the site	since the	e last FHI inspection?	•	N
If Yes proceed with qu	estions 4 – 9. If No skip	to question 10				_	
4. Have these been re	ported to Scottish Minis	ters?					
5. Have these been re	ported to local DSFB fo	rthwith (where they exis	st)? (CoGP – 4.	4.37, 5.4	.17)		
6. Have these been re	ported to the SSPO and	d local fisheries trusts for	orthwith (where t	hey exist	t)? (CoGP – 4.4.37, 5	.4.17)	
7. Were methods (if ar	ny) used to recover esca	apees? If yes give detai	il				
O If will water ware at	loved was this	arood with Issal wild C. I	intorests	100 7 4	iggion gives by 0 - "	ah	
8. If gill nets were depl Ministers? (Legal, Co0	loyed was this action ag SP – 4.4.38, 5.4.18)	greed with local wild fish	i interests and w	as perm	ission given by Scotti	sn	
	cen to prevent and mini	mise the risk of further	escapes? (Not c	overed in	n code but could		
	r satisfactory measur						
	ed as satisfactory with re	, and the second	If no, please de	tail reaso	on(s)		Υ

Issued by: FHI

Date of issue: 12/09/2017

FHI 059, Version 11

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0356	Site No: FS0993	
Date of Visit: 15/08/2018	Inspector: WJM	
Point of Compliance		
1. Is the farm under inspection located If N, no further questions require comp	_	Y
Points of Compliance for Both Farm	Management Agreements and Statements	
3. Is the current FMAg/S available for i4. Does the FMAg/S identify the releva5. Does the FMAg/S identify the fish fa	nt farm management area? rm site(s) to which it applies? f commencement of the agreement or statemer	Y Y Y
Arrangements for Fish Health Managements	gement	
farm? 9. Does the FMAg/S identify the vaccin 10. Does the FMAg/S identify the spec 11. Does the FMAg/S identify the maxi individual farm? 12. Does the FMAg/S identify the arrar fish farm in the area or the individual farm. Arrangements for The Management		r farm? Y r farm? Y the area or the Y ad fish from any
of statement? 15. Does the FMAg/S identify any require on farms in the area or individual factorial factor	mstances under which biological controls and cl	eatments for sea Y leaner fish are to be
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or rengenents for the movement of live fish on and o	

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Harvesting		
20. Does the FMAg/S identify acceptab	le harvest practices on farms in the area or individ	dual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be resto	by which the area or individual farm will be fallow cked?	and the earliest Y
22. Does the FMAg/S identify whether agreement or statement?	one or more year classes may be stocked onto sit	res covered by the Y
_	broodstock or potential broodstock are to be kept t?	on any site Y
Point of Compliance for Farm Manag	gement Agreements Only	
24. Does the farm management agreer parties to the agreement?	ment include arrangements for persons to become	e, or cease to be,
Management and operation		
25. Is the fish farm being managed and	I operated in accordance with the agreement or st	tatement?
26. What is the version no/date of issue	e of the FMAg/S? 09/01/2018	

Site No: FS0993

Case No: 2018-0356

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0356			Date of visit	: 15/08/2018	В		
Site No:	FS0993]		Inspector	: WJM]		
Results Summary	Freq.			Da	ate of Notifica	ation		
,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
			<u> </u>	<u> </u>				
				1				
	-			+	-	-		1
				+		 		
				†	 			1
		1		†	 	1		1
		1		1				
						<u> </u>	<u> </u>	
Report Summary				7				
Case Type	Date	Insp	2 nd Insp	1				
Case Type ECI/CNI/SLI/VMD	27/08/2018	WJM	ASM	1				
		1		1				
				1				
				1				





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOFB0095DATE OF VISIT15/08/2018SITE NOFS0993SITE NAMEChalmers HopeINSPECTORWarren MurrayCASE NO20180356

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.

Signed:

Fish Health Inspector

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

Date: 27/08/2018

FHI 059, Version 11		Issued by: FHI		Date of issue: 12/09/201
Case No: 2018-0357			Date /	of visit: 14/08/2018
Time spent on site:	4 hours	Mai	in Inspector:	ALW
Site No: FS1254 Business No: FB0169	Site Name: Business Name:	Outer Eport The Scottish Salmor	n Company	
Case Types: 1 REP	2 DIA 3	4 5	6	_
Water Temp (°C): 13.3	Thermometer No:	T148	FHI 0	45 completed
Observations:	Region: WI	Water type:	S Co	oGP MA: W-13
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	· .	Y If yes, see addit	tional information/	/clinical score sheet. /clinical score sheet. /clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit deta	il reason below:		

Additional Case Information:

Company reported increase in mortalities following a peroxide treatment in week 30 (w/b 23/7/18). Two cages (7 & 8) were treated with peroxide in a wellboat as preventative treatment for AGD. Treatment stopped after these two cages as fish were not reacting well to the process.

Mortalities had been low prior to this, but lost 17.69% (10,491) of the stock from these two cages over the following few days (mortality level for rest of site of the same two weeks was 255 fish). No indication of any serious health issues prior to the treatment. Report from samples taken after the treatment showed relatively low levels of gill disease suggestive of a waterborne insult from plankton or jellyfish and nothing to indicate why there was such an adverse reaction to the treatment. Since the treatment there has been a huge influx of caligus onto the site. Fish are to be transferred to Treanay during this week and will be treated with salmosan during the transfer, with slice afterwards. Lice levels on the site have been very low with the last treatment in January with slice.

Fish are being transferred to Treanay (currently fallow) to allow site an 8 week fallow before transfer of growers from Vacasay in Loch Roag. Some of these fish will be selected for broodstock as they are Native Hebridean stock.

Have been grading weekly at the site. Fish have been in excellent condition with superior harvest percentage in the high 90s (98% in first harvest). Due to caligus influx and damage to the fish (blood spotting on flanks), latest harvest was 100% ordinary.

On site there were a number of dark, lethargic fish in the cages (estimate 20-40 per cage with 7 and 8 worst affected). These fish had very high caligus loads. Some of the fish appeared to have suffered some physical damage during the treatment. Staff are endeavouring to actively remove these fish. Five fish removed for diagnostic sampling.

FHI 059, Version 11			Issue	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0357		Site No:	FS1254				
Date of Visit:		14/08/2018			Inspector(s):	ALW]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		te representa	tive?			Y N]
Site Details								
Total No facilities Species Age group	SAL 2017 S1	8	Facilities sto	cked	7	No facilitie	s inspected	8
No Fish	138,489							
Mean Fish Wt	3.36Kg				(5)			
Next Fallow Date (S	ite)	August 2018		Next Input Da	te (Site)	October 20	018	
Recent (last 4 wks) of the second (last 4 wks) o	disease probl	ems?		N	Any escapes	(since last	visit)?	N
Movement Records	•							
 Movement record Date of last inspects Are records comp Are movement records comp Are records comp Are health certification 	ction: plete and corre cords availab plete and corre	ectly entered? le for dead fish ectly entered?		ble?			01/11/2017	Y Y Y Y N/A
Transport Records								
1. Are any movement If yes, is there a syst		• •		•				
Mortality Records								
 Mortality records a How are mortalities other detail: Mortality records a 	es disposed o Whiteshore	f? Cockles correctly ente			Other (detail)		(0.000)	Y
4. Recent mortality (last 4 wks):			0.02%), wk 28 - 31 - 3,721 (2.3				30 - 7,025
5. Evidence of recen	•	_	`	01 0,721 (2.0	70); WK 02	200 (0.1070)		Y
If yes, facility nos/no		* *		reason:				
Week 30 & 31 in cag				n these two ca	ges following	peroxide tre	atment	
6. Any other peaks in If yes, detail:	n mortality du	ring period che	ecked?					N
7. Have increased (u	unexplained)	mortalities bee	en reported to	vet or FHI?				Y
If yes, detail action:		Samples take	en .					
8. Have 'mortality ev	ents' been re	ported to FHI?	If no, add M	RT case and e	enter on morta	lity events s	heet.	Y

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		
1. Recent treatments (last 4 wks)?		Y
If yes, detail: H2O2,	T.M.S.	
If other, detail:		
2. Medicines records available for inspect	ion?	Y
3. Are records complete and correctly ent	ered?	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

ii otiici, actaii.		
Medicines records	available for inspection?	Y
3. Are records comp	lete and correctly entered?	Y
4. Are fish in a withdo	rawal period?	Υ
5. If yes, what treatm	nent(s)? T.M.S.	
If other, detail:		
6. Are medicines sto	red appropriately?	Υ
Biosecurity Record	s	
1 Biosecurity record	s available for inspection?	
•	nd frequency of mortality removal, recording and safe disposal been considered?	
	nd period in which the APB will notify Scottish Ministers or veterinary professional of any	
	ned) mortality at the site been included?	
(
4. Has the action tha	t will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been incl	uded and how and when that will be notified to Scottish Ministers?	
5. Has the health sta	tus of aquaculture animals being stocked on the farm site been covered (equal or higher	
health status, certific	ation if required)?	
6. Have the husband	lry and biosecurity measures implemented between each epidemiological unit to minimise	
transmission of disea	ase 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		
	ity procedures been adequately implemented on site?	
If no, detail:		
Results of Surveilla	ince	
1. Has any animal he	ealth surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results	available for inspection?	Y
3. Any significant res	ults?	Y
-	low level gill disease suggestive of wat	erborne
If yes, detail (if not de	etailed under recent disease problems). insult	

1/10/17 - 14/8/18 Records checked between:

•	mi uba, version i i							153	sueu by.				
	Case no:	2018-03	357	Site No:		FS1254			Date of Samplin		14/0	08/2018	14/0
	Priority samples:	VI		ВА		PA		MG	-	lg. HI∣			
	Time sampling starts/ends: Environmental conditions:		0:00 Indoors		0:00	3	Inspecto	or: 4	ALW	5	VMD No	o. 	0
ı	Summary samples	HIST	Υ	ВА	Υ	MG	Υ	VI	Υ	РА		Total Sa	amples
Δ	dd Fish/Pools - click												
	Pool/Fish No	F1	F2	F3	F4	F5	P1						
	Fish nos	1	2	3	4	5	1-5						
	Pool Group	P1	P1	P1	P1	P1							
	Species	SAL	SAL	SAL	SAL	SAL	SAL						
	Average weight	3Kg	3Kg	3Kg	3Kg	2kg	3Kg						
	Sex	N/A	N/A	N/A	N/A	N/A	N/A						
	Water Type	SW	SW	SW	SW	SW	SW						
Stock Details) }	-	Harris Lochs (Huamavat/Langavat)	Harris Lochs (Huamavat/Langavat)	Harris Lochs (Huamavat/Langavat)	Harris Lochs (Huamavat/Langavat)						
Ċ.	Facility No	8	8	7	7	1	7 & 8						

1711 000, Version 17													
08/2018 Additio	nal Sam	ple Infor	mation:										
Hearts	in separ	ate histo	ology po	ts									
6	Total To	ests ass	igned	3	l								

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017

Case no: 2018-0357 Site No: FS1254 Method of killing: Percussive

-		-									
Case no:	2018-0357	J	Site No	o:	FS1254 Me		Method of killing: Percussive		sive		
Data of vioit	14/08/2018	7	Inspec	tor(s):	ALW		Sheet Relevant: Y				
Date of visit:	14/08/2018	1	inspec	101(3).	ALVV			J :	oneet R	elevant:	<u> </u>
S for strong preser	nce: M for medium presence: W for	weak pres	sence								
Fish Number	·	1	2	2 3	4	5					
	er death (if > 45 minutes)	40									
External Signs											
Behaviour	Moribund										
	Lethargic	М	M	М	M	М					
	Hanging vertical		М								
	Spiralling										
	Flashing										
Body	Loss of equilibrium Dark	M	М	М	M	M					
Бойу	Distended abdomen	IAI	141	IAI	141	IAI					
	Anorexic										
	Scale Oedema										
Opercula	Shortened										
	Flared										
Haemorrhaging	Throat										
	Ventrum		М	М	S	М					
	Base of fins										
	Elsewhere										
Eyes	Exophthalmic										
	Enophthalmic (sunken)										
	Cataract										
Cillo	Haemorrhagic					M					
Gills	Pale Zoned					IVI					
	Necrotic										
Lesions	Flank			4							
Legions	Elsewhere										
Vent	Inflamed										
	Trailing faeces										
Lice Load	Estimate numbers	High	High	High	High	High					
Internal Signs											
Ascites	Clear										
	Bloody					М					
Oedema	In tissues					W					
Heart	Pale/anaemic Granulomas				_	VV					
	Deformed			4		_					
Liver	Petechial haem										
,,,,,	Gross haem			w							
	Tissue breakdown										
	Enlarged										
	Colour number(s)										
	Granulomas										
	Lesions										
Pyloric caeca	Petechial haem										
	Tubules mauve										
01	Lack of fat										
Spleen	Enlarged Granulomas										
Gut	No food present		M								
Gut	Yellow pseudo-faeces	М		М	М	М					
	External haem				1						
	Internal haem										
Body wall	Haemorrhaging										
Swim bladder	Haemorrhaging										
	Fluid filled										
Kidney	Swollen										
	Grey					W					
	Granular										
	Liquefied										
General	Parasites present		4		4		1		l .		1
	Anaemia										

Case no: 2018-0357

Date of visit: 14/08/2018

Date of visit:	14/08/2018	1						
S for strong preser	nce: M for medium presence: W for	١٨						
Fish Number	ice: IVI for medium presence: VV for	vı T		ı		ı	1	
	er death (if > 45 minutes)							
External Signs	er death (ii > 43 iniliates)							
Behaviour	Moribund							
Dellavioui	Lethargic							
	Hanging vertical							
	Spiralling							
	Flashing							
	Loss of equilibrium							
Body	Dark							
Douy	Distended abdomen							
	Anorexic							
	Scale Oedema							
Opercula	Shortened							
Орегоина	Flared							
Haemorrhaging	Throat							
uomormaging	Ventrum							
	Base of fins							
	Elsewhere							
Eyes	Exophthalmic							
_,,	Enophthalmic (sunken)							
	Cataract							
	Haemorrhagic							
Gills	Pale							
Oms	Zoned							
	Necrotic							
Lesions	Flank							
LUSIONS	Elsewhere							
Vent	Inflamed							
VCIII	Trailing faeces							
Lice Load	Estimate numbers							
Lice Load	Latinate numbers							
Internal Signs								
Ascites	Clear							
Addited	Bloody							
Oedema	In tissues							
Heart	Pale/anaemic							
ricuit	Granulomas							
	Deformed							
Liver	Petechial haem							
LIVOI	Gross haem							
	Tissue breakdown							
	Enlarged							
	Colour number(s)							
	Granulomas							
	Lesions							
Pyloric caeca	Petechial haem							
. yiorio caeca	Tubules mauve							
	Lack of fat							
Spleen	Enlarged							
Оріссії	Granulomas							
Gut	No food present							
Gut	Yellow pseudo-faeces							
	External haem							
	Internal haem							
Body wall	Haemorrhaging							
Swim bladder	Haemorrhaging							
Swiiii biauuer	Fluid filled							
Kidnov	Swollen							
Kidney								
	Grey Granular							
Conorol	Liquefied Present							
General	Parasites present							
	Anaemia							

Additional comments:
Fish 1, 2 & 4 were starting to mature
Fish 2, 3 and 4 had damaged/missing eyes
Fish 2 & 4 had some small white patches on gills and fish 1 had some slight haemorrhaging on the gills
All fish had very high caligus numbers when removed from the water

Site No: FS1254

Case No: 2018-0357

Nature of non-compliance:

Action taken (FHI):

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

Case No: 2018-0357 Date of visit: 14/08/2018

Site No: FS1254 Inspector: ALW

Results Summary	Freq.	Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
ISA PCR	0/1	17/08/2018	ALW	17/08/2018	ALW	28/09/2018	ALW	AJW	
IPN PCR	0/1	17/08/2018	ALW	17/08/2018	ALW	28/09/2018	ALW	AJW	
VHS PCR	0/1	17/08/2018	ALW	17/08/2018	ALW	28/09/2018	ALW	AJW	
IHN PCR	0/1	17/08/2018	ALW	17/08/2018	ALW	28/09/2018	ALW	AJW	
SAV PCR	1/1	17/08/2018	ALW	17/08/2018	ALW	28/09/2018	ALW	AJW	
GPAT	4/5	29/08/2018	ASM	29/08/2018	ASM	28/09/2018	ALW	AJW	
Complex gill issues	4/5	29/08/2018	ASM	29/08/2018	ASM	28/09/2018	ALW	AJW	
SPAT	1/5	29/08/2018	ASM	29/08/2018	ASM	28/09/2018	ALW	AJW	
LPAT	2/5	29/08/2018	ASM	29/08/2018	ASM	28/09/2018	ALW	AJW	
PPAT	1/5	29/08/2018	ASM	29/08/2018	ASM	28/09/2018	ALW	AJW	
SAV histology	1/5	29/08/2018	ASM	29/08/2018	ASM	28/09/2018	ALW	AJW	
AGDQ	4/5	29/08/2018	ASM	29/08/2018	ASM	28/09/2018	ALW	AJW	
Paranucleospora	4/5	29/08/2018	ASM	29/08/2018	ASM		ALW	AJW	
theridion						28/09/2018			
Gill pox	5/5	29/08/2018		29/08/2018	ASM	28/09/2018		AJW	
Vibrio species	1/5	07/09/2018	ALW			28/09/2018		AJW	
No significant bacteria	5/5	07/09/2018	ALW			28/09/2018	ALW	AJW	

Report Summary			
Case Type	Date	Insp	2 nd Insp
REP/DIA	28/09/2018	ALW	AJW





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0169Date of Visit14/08/2018Site NoFS1254Site NameOuter EportInspectorAndrea WarwickCase No20180357

Section 1: Summary

The above site was inspected, following a report from the company of a recent increase in mortality post treatment. A number of dark, lethargic fish were observed across the site. Five fish were removed for further examination and subsequent diagnostic sampling.

Histopathology examination revealed mild gill pathology and moderate vascular gill damage. Presence of plankton structures was also noted. Fish 3 also showed features resembling an early stage of pancreas disease (PD) and the sample tested positive by QPCR for salmonid alphavirus, the causative agent of PD. Hepatic and splenic necrosis and minimal cardiomyopathy were also noted.

Due to the gill health issues reported on site, samples were screened for salmon gill poxvirus, Neoparamoeba perurans (causative agent of amoebic gill disease) and Paranucleospora theridion (syn, Desmozoon lepeophtherii) by QPCR. Samples tested positive for all three pathogens.

A *Vibrio* sp. was also isolated. The level and purity of growth would not suggest these bacteria are implicated in current fish morbidity.

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

Section 2: Case Detail

Observations

The above site was inspected, following a report from the company of a recent increase in mortality post treatment. The site was stocked with 138,489 2007 S1 Atlantic salmon at 3.36 kg average weight.

R09

Mortality levels had been low over the preceding few weeks (range from 0.02% to 0.07%), but had risen in week 30 to 4.04% (7,025) and 2.37% in week 31 (3,721). The majority of the mortalities occurred in cages 7 and 8 following a treatment with hydrogen peroxide. The mortality level for the site had reduced to 0.19% in week 32. Samples taken post treatment indicated that there were low levels of gill disease suggestive of a waterborne insult from plankton or jellyfish.

A number of dark, lethargic fish were observed across the site. Five fish were removed for further examination and subsequent diagnostic sampling.

Fish 1 to 5 were dark and fish 2 was hanging vertically in the water. Fish 1 to 5 had high numbers of *Caligus* and fish 2 to 5 had some haemorrhaging along the ventrum possibly associated with the high numbers of *Caligus*.

Fish 1 had petechial haemorrhages on the gills. Fish 5 had pale gills and fish 2 and 4 had small white patches on the gills.

Internally there was gross haemorrhaging on the liver of fish 3. Fish 2 had no feed in its gut and fish 1, 3, 4 and 5 had yellow pseudo-faeces. Fish 5 had bloody ascites in the body cavity, the heart was slightly pale and the kidney was grey.

Samples

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

Fish number	Pool number	Facility number	Species	Stage	Origin
1 & 2	P1	8	Atlantic salmon	2017 S1	Harris Lochs
3-5	P1	7	Atlantic salmon	2017 S1	Harris Lochs

Results

Bacteriology: Kidney and gill material from fish 1 to 5 was inoculated onto appropriate media for the isolation of bacteria.

The following bacterium was isolated:

Vibrio sp. (kidney of fish 5)

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

Salmonid alphavirus (SAV)

Pool Number	Endogenous control Cp value		Cp Values		Reported Result (PCR)
P1	14.19	27.10	26.45	26.58	POSITIVE

Salmon gill poxvirus

Fish Number	Endogenous control Cp value		Cp Values				
F1	20.09	37.71	37.50	36.24	POSITIVE		
F2	20.93	35.41	36.41	39.10	POSITIVE		
F3	21.46	30.21	30.46	30.12	POSITIVE		
F4	20.40	35.74	35.88	36.23	POSITIVE		
F5	19.91	24.64	24.71	24.73	POSITIVE		

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

Parasitology:

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

Neoparamoeba perurans (AGD)

Fish Number	Endogenous control Cp value		Cp Values		Reported Result (PCR)
F1	20.09	32.46	32.05	32.84	POSITIVE
F2	20.93	31.80	31.85	32.07	POSITIVE
F3	21.46	31.93	32.27	32.30	POSITIVE
F4	-	-	-	-	Negative
F5	19.91	34.51	34.33	35.04	POSITIVE

Paranucleospora theridion

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	20.09	27.86	28.11	28.07	POSITIVE
F2	20.93	36.70	36.79	35.61	POSITIVE
F3	21.46	31.89	31.64	30.01	POSITIVE
F4	-	-	-	-	Negative
F5	19.91	29.34	29.29	29.32	POSITIVE

Histology: Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from fish 1 to 5. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

<u>Gill</u>: Widespread lamellar epithelial thickness, congestion and oedema (F1, F2, F4). Mild multifocal interlamellar hyperplasia with spaces (lacunae) occasionally filled with cell debris and lamellar fusion (F1, F4). Several aneurysmal dilation/telangiectasia/lamellar thrombi (F1, F2, F3, F4) and free blood and two unknown zooplankton structures among gill filaments (F1) were noted.

Skin & Muscle: Within the normal range.

Heart: Few small foci of basophilic nuclei and occasional fibre degeneration at the vicinity (F1).

Gut and pyloric caeca: Within the normal range.

Pancreas: Scattered small pockets of pancreatic acinar cell necrosis (F3).

<u>Liver</u>: Mild diffuse hepatocyte vacuolation (F1, F3), mild multifocal hepatocyte haemorrhagic necrosis (F3) and multifocal hepatocyte necrosis.

Kidney: Within the normal range.

Spleen: Mild multifocal necrosis (F1).

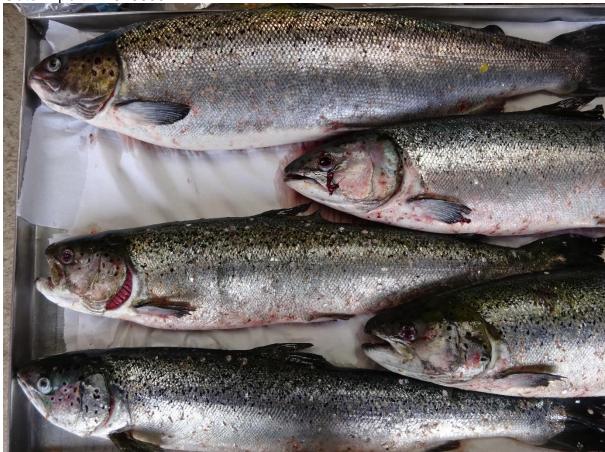


Fish Health Inspector

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

Date: 28/09/2018

Outer Eport – 20180357



Fish 1-5



Caligus

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/201
Case No: 2018-0358			Date of visit: 15/08/2018
Time spent on site:	1 hour	Main	Inspector: ALW
Site No: SS0913 Business No: SB0533	Site Name: Business Name:	Ard Mhor Traigh Mhor Oysters	
Buomose Ito.	Business Hame.	Traight Whiter Cyclero	
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C): 13.5	Thermometer No:	T148	FHI 045 completed
Observations:	Region: WI	Water type: S	CoGP MA:
Dead/weak/abnormally behavir	ng fish present?	N If yes, see addition	onal information/clinical score sheet.
Clinical signs of disease observ	ved?		onal information/clinical score sheet.
Gross pathology observed?		N If yes, see additio	onal information/clinical score sheet.
Diagnostic samples taken?		N_	
UNI/REG only - if unable to car	ry out intended visit deta	il reason below:	

Additional Case Information:

New site registered October 2017

Mainly transfer stock here from raft and longline sites for hardening, removing sea squirts and on-growing to harvest size. Currently harvesting ~10,000 shells per week, but ideally want to harvest ~750,000 per annum so would like to increase production. Site is class A so no need to depurate stock.

Have increased number of shells in each bag as found that if there were too few, they were being moved around in the bags too much and damaged.

Small percentage of mortality post transfer from the rafts/longlines until shells are hardened.

Shells appeared to be in good condition. Very few sea squirts left on stock recently transferred.

FHI 059, Version 11			Issu	ued by: FHI			Date of issu	ie: 12/09/2017
Case No:	2018-0358		Site No:	SS0913	3			
Date of Visit:		15/08/2018	3		Inspector(s):	ALW		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y Y	
Site Details								
Total No facilities		460	Facilities sto	cked	~350	No facilitie	es inspected	460
Species	CGI 2013-205							
Age group No Fish	317,000							
	30-75g							
Mean Fish Wt Next Fallow Date (S		None planne	ad	Next Input Da	oto (Site)	August 20	10	
Next ranow Date (5)	ile)	None planine	ia	Next Input 50	ale (Sile)	August 20	10	
Recent (last 4 wks) of the second (last 4 wks) o	disease probl	lems?		N	Any escapes	(since last	visit)?	N/A
Movement Records	e e							
Movement record		or inspection?						Y
2. Date of last inspec		Породил					New book	
3. Are records comp		ectly entered?	?					Y
4. Are movement red	cords availab	ole for dead fis	sh and waste?					N/A
5. Are records comp		•						N/A
6. Are health certification	ates for introd	ductions (outw	ith GB) availa	able?				Y
Transport Records								
1. Are any movement If yes, is there a systematical system of the system								
Mortality Records								
Mortality records a	available for i	inspection?						Y
2. How are mortalities					Other (detail))		
If other detail:	Empty shells	s crushed and		d				
3. Mortality records of	complete and	d correctly ente	ered?					Y
4. Recent mortality (`		Very few pos	st transfer				
5. Evidence of recen		* *						N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
6. Any other peaks in	n mortality du	ring period ch	cocked?					l N
If yes, detail:	Tillortainty ac	Ting period 5	leckeu:					
7. Have increased (u	unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:			·					
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add N	IRT case and	enter on morta	ality events s	sheet.	N/A

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017		
Treatments and Medicines Records				

Treatments and Medicines Records							
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							
Biosecurity records available for inspection?	V						
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y						
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)?							
C. Have the baseline and bigger with an account invalor and all the country of the baseline in the country of t							
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?							
7. Is documentation available regarding the measures in place to maintain the physical containment of							
aquaculture animals held on site?							
8. Have the biosecurity procedures been adequately implemented on site?							
If no, detail:							
Results of Surveillance							
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N						
2. If yes, are results available for inspection?							
3. Any significant results?							
If yes, detail (if not detailed under recent disease problems).							

Records checked between:

4/10/16 - 15/8/18

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0358 SS0913 Site No: Date of Visit ALW 15/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If 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 0 Susceptible to OsHV (CGI) 0 3 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 10 Number of suppliers 0 5 10 5 Movements off Frequency of movements off within MSS Management 0 2 2 1 Frequency of movements off outwith MSS Management 0 0 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management 0 4 8 0 area **Number of sites** 1 2 or 3 > 4 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment Yes No

Disinfection of equipment between sites, use of footbaths etc

0

Total Risk

Case No:	2018-0358			Date of vis	sit: 15/08/20)18				
Site No:	SS0913	7			or: ALW	_				
Oile No.	000910	_		mspecie)I. <u>/\</u> LVV					
Results Summary	Freq.	Date of Notification								
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
			1			_		_		
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	+	+				_		_		
		+			+	_	+	_		
		+	+			+		+		
	1	1						1		
			1			_		_		
					_		4			
Report Summary		_	T	٦						
Case Type	Date	Insp	2 nd Insp	4						
Case Type ECI	17/08/201	R AI W	ASM	4						
201	17700/201	JALW	AOIVI	-						
		+	+	4						
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				-						
		1		1						





Traigh Mhor Oysters 27a Eoligarry Isle of Barra HS9 5YD

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0533Date of Visit15/08/2018Site NoSS0913Site NameArd MhorInspectorAndrea WarwickCase No20180358

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.

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.



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 11		Issued by: FHI	Date of issue: 12/09/2017		
Case No: 2018-0359			Date of visit: 15/08/2018		
Time spent on site:	20 minutes	Main Insp	pector: ALW		
Site No: SS0858	Site Name:	Loch na H-Obbe			
Business No: SB0533	Business Name:	Traigh Mhor Oysters			
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 fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet.					
UNI/REG only - if unable to carry out intended visit detail reason below:					

Additional Case Information:

Site currently fallow and upwelling rafts removed, only two rafts left on site. All of stock was moved to Morcambe Bay Oysters (~2,000,000 shells at 1-2g) in June 2018. No spat taken by the company in 2018 and no plans to restock site in immediate future.

Normally experienced 50% mortality in spat (3-6mm sourced from Guernsey Sea Farms). No boat available to inspect site.

FHI 059, Version 11		Issued by: FHI					Date of issu	e: 12/09/2017
Case No:	2018-0359		Site No:	SS0858				
Date of Visit:		15/08/2018	3		Inspector(s):	ALW]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y Y	
Site Details								
Total No facilities		2	Facilities sto	cked	0	No facilitie	s inspected	0
Species	N/A							
Age group No Fish								
Mean Fish Wt								
Next Fallow Date (S	ite)	N/A		Next Input Da	ate (Site)	Not certain	l - long term f	allow
(0	,				1		i i i i g	
Recent (last 4 wks)	disease probl	ems?		N/A	Any escapes	(since last	visit)?	N/A
If yes, detail:								
Movement Records	S							
1. Movement record		r inspection?						Y
2. Date of last inspe							23/05/2017	
3. Are records comp		•						Y
4. Are movement re								N/A
5. Are records comp6. Are health certific		•		able?				N/A Y
		auctions (out	villi GD) avalia	iDie:				'
Transport Records								
1. Are any movemen	nts carried ou	t by (or on be	half) of the bu	siness (not us	ing a STB)?			
If yes, is there a sys	tem in place f	or maintenar	nce of transpor	rtation records	?			
Mortality Records								
1. Mortality records	available for i	nspection?						Y
2. How are mortalities		•			Other (detail)			
If other detail:			d used on road	ŀ				
3. Mortality records	•	correctly ent						N/A
4. Recent mortality (last 4 wks):		Site fallow					
5. Evidence of recent increased/atypical mortalities?							N/A	
If yes, facility nos/no mortality per facility/no stock per facility/reason:								
Any other peaks in mortality during period checked?							N/A	
If yes, detail:						14//\		
7. Have increased (unexplained) mortalities been reported to vet or FHI?						N/A		
If yes, detail action:								
8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.							N/A	

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017

Treatments and Medicines Records	
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	
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: 23/5/17 - 15/8/17	

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0359 SS0858 Site No: Date of Visit ALW 15/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If 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 0 Susceptible to OsHV (CGI) 0 3 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 20 Number of suppliers 0 5 10 5 Movements off Frequency of movements off within MSS Management 0 2 2 1 Frequency of movements off outwith MSS Management 0 3 6 3 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management

Biosecurity

Contacts with other sites

area

Number of sites

Sites operating from single shorebase

Disinfection of equipment between sites, use of footbaths etc

Sites sharing staff and equipment

0

1

0

4

2 or 3

Yes

0

Total Risk 8

> 4

No

0

Case No:	2018-0359			Date of visit	15/08/2018	3		
Site No:	SS0858]		Inspector	: ALW]		
Results Summary	Freq.			Da	ate of Notifica	ation		
,	·	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	+			1				
	+			+	1			
	1			1				
	+			1				
				ſ				
				1				
						_		
Report Summary								
Case Type	Date	Insp	2 nd Insp					
Case Type REG	17/08/2018	ALW	ASM					
				_				
			 					





Traigh Mhor Oysters 27a Eoligarry Isle of Barra HS9 5YD

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0533Date of Visit15/08/2018Site NoSS0858Site NameLoch na H-ObbeInspectorAndrea WarwickCase No20180359

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

The site was reported to be fallow.

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.

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: 17/08/2018

R10

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 11		Issued by: FHI		Date of issue	e: 12/09/2017
Case No: 2018-0360				Date of visit: 15/0	8/2018
Time spent on site:) minutes	M	lain Inspector	: ALW	
Site No: SS0873	Site Name:	Rubha Mhicheil			
Business No: SB0533	Business Name:	Traigh Mhor Oyste	ers		
Case Types: 1 ECI 2	2 3	4 5	5	6	
Water Temp (°C): 13.5	Thermometer No:	T148]	FHI 045 completed	
Observations:	Region: WI	Water type:	S	CoGP MA:	
Dead/weak/abnormally behaving	fish present?	N/A If yes, see add	ditional inform	nation/clinical score s	sheet.
Clinical signs of disease observed	d?			nation/clinical score	
Gross pathology observed?		N/A If yes, see add	ditional inform	nation/clinical score s	sneet.
Diagnostic samples taken?		IVA			
UNI/REG only - if unable to carry	out intended visit deta	il reason below:			

Additional Case Information:

Site has never been stocked since registered in March 2014. No facilities in the water, but have permission for two longlines and two rafts with hanging baskets. No plans to stock in the near future.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0360		Site No:	SS0873				
Date of Visit:		15/08/201	8		Inspector(s):	ALW]
Registration/Authornal 1. Business/site detail 2. Changes made to	ails summary		site representa	itive?			Y Y]
Site Details								
Total No facilities	_	0	Facilities sto	cked	0	No facilitie	es inspected	0
Species	N/A							
Age group								
No Fish								
Mean Fish Wt								
Next Fallow Date (S	site)	N/A		Next Input Da	ate (Site)	No immed	diate plans	
					1		·	
Recent (last 4 wks)	disease prob	lems?		N/A	Any escapes	(since last	visit)?	N/A
If yes, detail:								
Movement Record	s							
Movement record		or inspection?	•					Y
2. Date of last inspe		n mopeodon.					13/08/2014	
3. Are records comp		ectly entered	?				10/00/2011	N/A
4. Are movement re		•						N/A
5. Are records comp								N/A
6. Are health certific				able?				N/A
Transport Records		(, , , , , , , , ,					
1. Are any movemen	nte carried ou	ıt by (ar an b	shalf) of the bu	sinoss (not us	ing a STP\2			
If yes, is there a sys		• ,		· ·	•			
Mortality Records								
Mortality records	available for i	nspection?						N/A
2. How are mortalitie	es disposed d	of?			Other (detail)			
If other detail:	Crushed she	ells used on i	oad					
3. Mortality records	complete and	l correctly en	tered?					N/A
4. Recent mortality	(last 4 wks):		Site has not	been stocked				
5. Evidence of recer	nt increased/a	atypical morta	alities?					N/A
If yes, facility nos/no	mortality per	facility/no st	ock per facility.	reason:				
6. Any other peaks i	n mortality du	iring period c	hecked?					N/A
If yes, detail:				List of ELLIC				NI/A
7. Have increased (uriexpiained)	mortalities be	een reported to	vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality ev	ents' been re	norted to EU	12 If no ladd M	RT case and o	enter on morto	lity events	sheet	N/A
o. Have mortality et	CITE DECITIO	ported to FT	i. ii iio, auu ivi	TT Case and e		mry Gverilo s	oricot.	I V/ /\

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		

Treatments and Medicines Records	
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	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and how and when that will be notified to Scottish Ministers?	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N/A
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: 13/8/14 - 15/8/18

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0360 SS0873 Site No: Date of Visit ALW 15/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If 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 0 Susceptible to OsHV (CGI) 0 3 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on 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 within MSS Management 0 2 2 1 Frequency of movements off outwith MSS Management 0 0 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management 0 4 8 0 area **Number of sites** 1 2 or 3 > 4 Biosecurity Sites operating from single shorebase 0 Contacts with other

Disinfection of equipment between sites, use of footbaths etc

Yes

0

No

sites

Sites sharing staff and equipment

Case No:	2018-0360			Date of vis	sit: 15/08/20	018		
O'C N		_	Inspector: ALW					
Site No:	SS0873	_		Inspecto	or: ALVV	_		
Results Summary	Freq.				Date of Notif			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	_	_						
	_	+	+	+	+	_	+	
	+	+	+	+		+		_
	1							
		_						_
		+	1	+	_		_	
	+	+				_		_
		+				_		
Report Summary				7				
Case Type ECI	Date	Insp	2 nd Insp					
ECI	17/08/201	8 ALW	ASM					
	1	1						
			1					





Traigh Mhor Oysters 27a Eoligarry Isle of Barra HS9 5YD

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0533Date of Visit15/08/2018Site NoSS0873Site NameRubha MhicheilInspectorAndrea WarwickCase No20180360

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.

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



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 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0361			Date of visit: 15/08/2018
Time spent on site:	1 hour	Main I	nspector: ALW
Site No: SS0875	Site Name:	Rubha Charnain	
Business No: SB0533	Business Name:	Traigh Mhor Oysters	
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C): 13.5	Thermometer No:	T148	FHI 045 completed
Observations:	Region: WI	Water type: S	CoGP MA:
Dead/weak/abnormally behaving	ng fish present?	N If yes, see addition	al information/clinical score sheet.
Clinical signs of disease observ	red?		al information/clinical score sheet.
Gross pathology observed?		N If yes, see addition	al information/clinical score sheet.
Diagnostic samples taken?		N	
UNI/REG only - if unable to car	ry out intended visit deta	il reason below:	

Additional Case Information:

Site has five 100m lines with hanging baskets. Normally grow stock to ~30g before transfer to Ard Mhor for ongrowing and hardening. Baskets are checked and graded every 6 weeks. Last year was bad for sea squirts, but better this year. Grading with drum grader can cause a few mortalities. Stock on site looked in good condition.

FHI 059, Version 11			Issu	ıed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0361		Site No:	SS0875	5			
Date of Visit:		15/08/2018			Inspector(s):	ALW		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y Y	
Site Details								
Total No facilities		5	Facilities sto	cked	5	No facilitie	s inspected	5
Species	CGI 2013/14/15							
Age group No Fish	2013/14/15 1.18 million							
Mean Fish Wt	18-65g							
Next Fallow Date (S		None planne	24	Next Input Da	ate (Site)	Sept 2018		
Noxt I allo II Date (110)	None plan	3	NOX! IIIp 3.1		00pt 20		
Recent (last 4 wks) of the second (last 4 wks) o	disease probl	ems?		N	N Any escapes	(since last v	visit)?	N/A
Movement Records	S							
Movement record		r inspection?						Y
2. Date of last insper							13/08/2014	
3. Are records comp		•						Y
4. Are movement re								N/A
5. Are records comp		•		11.0				N/A
6. Are health certification		luctions (outw	ith GB) availa	able?				N/A
Transport Records								
1. Are any movemen					-			
If yes, is there a syst	tem in place i	or maintenand	ce of transpor	tation records	?			
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalities		•			Other (detail))		
If other detail:	Empty shells	s crushed and		d b				
3. Mortality records								Y
4. Recent mortality (•			mbers following	g grading			
5. Evidence of recer		• •						N
If yes, facility nos/no	mortality per	facility/no stor	ck per racility/	reason:				
6. Any other peaks in	in mortality du	uring period ch	ecked?					N
If yes, detail:								
7. Have increased (u		mortalities bed	en reported to	vet or FHI?				N/A
If yes, detail action:								\$1/A
8. Have 'mortality ev	/ents' been re	ported to FHI	? If no, add M	IRT case and c	enter on morta	lity events s	heet.	N/A

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		
1. Recent treatments (last 4 wks)?		

Treatments and Medicines Records		
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		
4 Disease (for several and clinical for instance)		
 Biosecurity records available for inspection? Has the manner and frequency of mortality removal, recor 	ding and cofe diaponal boon considered?	Y
3. Has the manner and period in which the APB will notify Sc	•	
increased (unexplained) mortality at the site been included?		Y
moreacea (anoxplamea) mortality at the site been moracea.		
4. Has the action that will be taken in the event that the prese	ence or suspicion of the presence of a listed disease	Y
is detected been included and how and when that will be no		
5. Has the health status of aquaculture animals being stocke	d on the farm site been covered (equal or higher	Y
health status, certification if required)?		
6. Have the husbandry and biosecurity measures implement		Y
transmission of disease been covered (movement of staff, vi	· · ·	V
7. Is documentation available regarding the measures in place	e to maintain the physical containment of	Y
aquaculture animals held on site? 8. Have the biosecurity procedures been adequately implementations.	ented on site?	
If no, detail:	silled on sile:	
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: 13/8/14 - 15/8/18

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0361 SS0875 Site No: Date of Visit ALW 15/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If 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 0 Susceptible to OsHV (CGI) 0 3 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on 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 within MSS Management 0 2 2 1 Frequency of movements off outwith MSS Management 0 0 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management 0 4 8 0 area **Number of sites** 1 2 or 3 > 4 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment Yes No

Disinfection of equipment between sites, use of footbaths etc

0

Total Risk

MEDIUM

Case No:	2018-0361	Date of visit: 15/08/2018						
Site No:	SS0875	1		Inspector:	ALW	1		
Results Summary	Freq.			Da	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
D 1 O								
Report Summary	_		nd					
Case Type ECI	Date	Insp	2 nd Insp					
ECI	17/08/2018	ALW	ASM					
			-					
	1							





Traigh Mhor Oysters 27a Eoligarry Isle of Barra HS9 5YD

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0533Date of Visit15/08/2018Site NoSS0875Site NameRubha CharnainInspectorAndrea WarwickCase No20180361

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 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.



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 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0362			Date of visit: 15/08/2018
Time spent on site:	1 hour	Main I	nspector: ALW
Site No: SS0874 Business No: SB0533	Site Name: Business Name:	Garbh Lingeigh Traigh Mhor Oysters	
Busilless No.	business Name.	Traigit Willor Oysters	
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C): 13.5	Thermometer No:	T148	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?	~ '	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 carr	y out intended visit detail	I reason below:	

Additional Case Information:

Site has two raft groups with hanging baskets (two sizes depending on size of stock). May swap smaller group pf rafts for longlines. Quite a number of sea squirts on older stock, but younger stock looked cleaner.

Four to five years to take to harvest size. Larger stock is moved to Ard Mhor for ongrowing and hardening off.

Stock is taken ashore for grading in drum grader which can cause a few mortalities due to damage to shells.

Apart from sea squirts, stock looked in good condition.

FHI 059, Version 11			ls:	sued by: FHI		Date of issue	e: 12/09/2017
Case No:	2018-0362		Site No:	SS0874	<u> </u>		
Date of Visit:		15/08/20 ²	18		Inspector(s):	: ALW	
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		/ site represer	ntative?		Y Y	
Site Details							
Total No facilities		10	Facilities s	stocked	5	No facilities inspected	10
Species	CGI	CGI	CGI	CGI			
Age group	2017	2016	2015	2013/14			
No Fish	260,000	360,000	600,000	280,000			
Mean Fish Wt	1-2g	5-20g	5-20g	20-40g			
Next Fallow Date (S	ite)	None plani	ned	Next Input Da	ate (Site)	August/Sept 2018	
Recent (last 4 wks)	disease prob	olems?		N	Any escapes	s (since last visit)?	N/A
If yes, detail:						,	
Movement Records	s						
1. Movement record	ls available f	or inspection	?				Y
2. Date of last inspe						13/08/2014	
3. Are records comp		•					Y
4. Are movement re				e?			N/A
5. Are records comp6. Are health certification		•		ailable?			N/A N/A
Transport Records		00000000	twitti 02) 4.1.	masio.			
Transport Necords							
1. Are any movemen		• '	•	•			
If yes, is there a syst	tem in place	for maintena	ance of transp	portation records	?		
Mortality Records							
Mortality records a	available for	inspection?					Y
2. How are mortalities		•			Other (detail)	
If other detail:			nd used on ro	ad			
3. Mortality records	complete and						Y
4. Recent mortality ((last 4 wks):		low number	ers post grading			
5. Evidence of recer		• •					N
If yes, facility nos/no	mortality pe	r facility/no s	tock per facili	ity/reason:			
6. Any other peaks in	in mortality d	uring period	checked?				N
If yes, detail:	Il Illortanty a	uning period	CHECKEU:				
7. Have increased (u	unexplained)	mortalities l	peen reported	to vet or FHI?			N/A
If yes, detail action:							
8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.							

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		

Treatments and Medicines Records	
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	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Υ
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
,,,,,	

Records checked between: 13/8/14 - 15/8/18

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0362 SS0874 Site No: Date of Visit ALW 15/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If 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 0 Susceptible to OsHV (CGI) 0 3 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on 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 within MSS Management 0 2 2 1 Frequency of movements off outwith MSS Management 0 0 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management 0 4 8 0 area **Number of sites** ≥ 4 1 2 or 3 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment Yes

Disinfection of equipment between sites, use of footbaths etc

No

0

Total Risk

Site No: Inspector: ALW	Case No:	2018-0362			Date of vis	sit: 15/08/20	018				
Results Summary Freq. Date of Notification Database Insp Phone Insp Writing Insp 2 nd Insp Insp Phone Insp Date of Notification Database Insp Phone Insp Writing Insp 2 nd Insp Insp Date of Notification Database Insp Phone Insp Writing Insp 2 nd Insp Insp Date of Notification Database Insp Phone Insp Writing Insp 2 nd Insp Insp Date of Notification Database Insp Phone Insp Writing Insp 2 nd Insp Insp Date of Notification Database Insp Phone Insp Writing Insp 2 nd Insp Insp Database Insp Date of Notification Database Insp Phone Insp Writing Insp 2 nd Insp Insp Database Insp Data											
Database Insp Phone Insp Writing Insp 2 nd Insp Insp Phone Insp Writing Insp Phone Insp Phone Insp Phone Insp Insp Phone Insp Writing Insp Phone Insp Pho	Site No:	SS0874 Inspector: ALW									
Report Summary	Results Summary	Freq.									
Report Summary Case Type Date Insp Ins			Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
Report Summary Case Type Date Info@/2018 ALW ASM Info@/2018 ALW Info@/2018											
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Report Summary Case Type Date Insp 2 nd Insp ECI 17/08/2018 ASM											
Case Type Date Insp 2 nd Insp ECI 17/08/2018 ALW ASM	Report Summary		_	1	7						
ECI 17/08/2018 ALW ASM	Coop Type	Doto	Inon	ond I	4						
	Case Type		8 VI W	2 Insp	4						
	EGI	17/06/201	O ALVV	ASIVI	4						
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Traigh Mhor Oysters 27a Eoligarry Isle of Barra HS9 5YD

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0533Date of Visit15/08/2018Site NoSS0874Site NameGarbh LingeighInspectorAndrea WarwickCase No20180362

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.

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.



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 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0363			Date of visit: 27/08/2018
Time spent on site:	45 mins	Main In	spector: PMM
Site No: SS0622	Site Name:	Booth	
Business No: SB0432	Business Name:	Eastvoe Shellfish	
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C): 12.9	Thermometer No:	T153	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA:
Dead/weak/abnormally behaving	~		al information/clinical score sheet.
Clinical signs of disease observed?	ed?		al information/clinical score sheet. al information/clinical score sheet.
Gross patriology observed:		N/A	ai illioittiation/ciillicai score sheet.
Diagnostic samples taken?			
UNI/REG only - if unable to carr	y out intended visit detai	I reason below:	

Additional Case Information:

Eight lines on site, 3 lines ready to harvest, the remaining 8 have an excellent 2018 spat settlement. No issues reported at this site, no issues with starfish predation, some predation from eider ducks, although not reported to have been as heavy predation this year. Good spat settlement observed on lines.

FHI 059, Version 11			Issu-	ed by: FHI			Date of issue	e: 12/09/2017
Case No:	2018-0363]	Site No:	SS0622				
Date of Visit:		27/08/2018			Inspector(s):	PMM		
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		te representa	ative?			Y N	
Site Details								
Total No facilities		8	Facilities sto	cked	8	No facilitie	s inspected	8
Species	MED	MED						
Age group	2018 Spat	2016						
No Fish	5 lines	3 lines						
Mean Fish Wt	mixed	mixed						
Next Fallow Date (S	ite)	Never fallow		Next Input Da	ite (Site)	2018 Spat	collection	
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	(since last v	visit)?	N
If yes, detail:								
Movement Record								
Movement record		r inchection?						Y
2. Date of last inspe		Пізреспон					30/06/2016	
3. Are records comp		ectly entered?					00/00/2010	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 of the second sec					_			
	terri ili piace	Ul IIIali liciiani	e or transpor	lation records				
Mortality Records								
1. Mortality records	available for i	nspection?						Y
2. How are mortalities		•			Other (detail)			
If other detail:	Seabed - en							
3. Mortality records			ered?					Y
4. Recent mortality ((last 4 wks):		no mortalitie:	s observed,				
5. Evidence of recer	nt increased/a	atypical mortal	ities?					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:	· · · · · · laina al\	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	-+ FUID				NI/A
7. Have increased (If yes, detail action:	unexplaineu	mortalities bee	en reported to) Vet or FHI?				N/A
	vents' heen re	norted to FHI	2 If no, add M	RT case and e	enter on morta	lity events s	heet	N/A
8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.								,, .

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		
1. Recent treatments (last 4 wks)?		
If yes, detail:		
If other, detail:		
2. Medicines records available for inspect	ion?	
3. Are records complete and correctly ent	ered?	
4. Are fish in a withdrawal period?		
5. If yes, what treatment(s)?		
If other slotelly		

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? 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: July 2016 to August 2018

Issued by: FHI Date of issue: 12/09/2017 FHI 059, Version 11 Case Number: 2018-0363 SS0622 Site No: Date of Visit 27/08/2018 PMM Inspector: Number of Susceptible species on site If no susceptible species present = **LOW** risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 0 Susceptible to Marteilia refringens (OED, MED) ი 3 3 Susceptible to OsHV (CGI) 0 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 Frequency of movements on from equivalent MS O Movements on 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 within MSS Management 0 2 0 Frequency of movements off outwith MSS Management 0 6 6 Areas 3 0 3 6 Number of destinations Secure **Unsecure** Management (no effluent (effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 1 Depuration of stock from other businesses sites within MSS management area 0 2 6 0 Depuration of stock from sites outwith MSS management 8 0 area 0 4 **Number of sites** 2 or 3 ≥ 4 **Biosecurity** 1 Sites operating from single shorebase 0 Contacts with other Sites sharing staff and equipment sites Yes No Disinfection of equipment between sites, use of footbaths etc 0 2 0

Total Risk

MEDIUM

Case No:	2018-0363			Date of visit	t: 27/08/201	8				
Site No:	SS0622			Inspector	r: PMM	7				
Results Summary	Freq.	Database	Insp	Phone	ate of Notification	ation Writing	Insp	2 nd Insp		
		Database	шор	THORIE	шор	vviitiiig	шор	∠ insp		
			+	+	+			+		
				1						
				1	1					
				_						
Report Summary				4						
Case Type ECI	Date	Insp	2 nd Insp							
ECI	25/10/2018	PMM	ALW							
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			1							





Eastvoe Shellfish Sained Eastvoe Scalloway Shetland ZE1 0US

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0432
 Date of Visit
 27/08/2018

 Site No
 SS0622
 Site Name
 Booth

 Inspector
 Paul McKay
 Case No
 20180363

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: Date: 25/10/2018

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

FHI 059, Version 11	Is	sued by: FHI		Date of	f issue: 12/09/2017		
Case No: 2018-0364				Date of visit:	21/08/2018		
Time spent on site:	hrs	_	Main Inspecto	r: [PMM		
Site No: FS0472 Business No: FB0095	Site Name: Business Name:	Wick of Belmon Cooke Aquacul		td			
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD	5	6			
Water Temp (°C): 13	Thermometer No:	T153		FHI 045 compl	leted		
Observations:	Region: SH	Water type	: S	CoGP MA:	S-2		
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N N							
UNI/REG only - if unable to carry out intended visit detail reason below:							

The site is being used as a nursery site this cycle with the stock on site to be split between sites operating out of Mid-Yell after they have had a fallow period. Movement of stock due to be conducted in Nov 18. Site will restock with 2019 S1 next cycle and will on grow the fish, rather than act as a nursery site. All harvests next cycle will be conducted by dead haul. Mortalities have been low since input, slight increase WK 30 attributed to CMS, these fish have been moved to the Kirkabister site, there are no plans to stock any more fish on Kirkabister. These fish are also on a BIOMAR feed that is reported to be effective for CMS.

No dead or moribund observed at time of inspection, approx 20 failed smolts observed in cage 10, but these were very active. No problems reported on site and no issues observed. Fish sampled for VMD appeared healthy. Weekly net washing conducted on site using Aurora Marine

FHI 059, Version 11			Issu	ıed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0364		Site No:	FS0472	2			
Date of Visit:		21/08/201	8		Inspector(s):	PMM		
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y Y	}
Site Details								
Total No facilities		12	Facilities sto	ocked	10	No facilities	s inspected	12
Species	SAL							
Age group	2018 S1							
No Fish	609,100							
Mean Fish Wt	745g							
Next Fallow Date (S	ite)	Nov / Dec 2	.018	Next Input Da	ate (Site)	Spring 201	9	
Recent (last 4 wks)	disease nroh	lems?		Y	Any escapes	s (since last v	visit\?	N
If yes, detail:		ned in cages	3 and 4	<u> </u>	rary cocapec	(Silioc last	vioit):	14
Movement Records								
1. Movement record		or inspection?					40/00/0045	Y
2. Date of last insper			10				10/03/2015	
 Are records comp Are movement re 		•						
5. Are records comp				•				Ÿ
6. Are health certific		•		able?				N/A
Transport Records			war ob, avam	abio :				1 377 .
								N I
1. Are any movemen		• '		•				N
If yes, is there a system Mortality Records	terri iri piace	ioi illallitellal	ice oi transpo	rtation records	f			
Mortality Necords								
1. Mortality records a	available for	inspection?						Y
2. How are mortalities	es disposed o	of?			Whole fish -	TWMA (She	etland)	
If other detail:		1	1 10					• V
3. Mortality records of	complete and	correctly en		24 (0.040/) for	o:to \\\\\\\	0.005 (0.000)	\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	770 (0.450()
4. December on autolite of	last A last		WK 33 - 1,2	61 (0.94%) for 34 (0.2%) - WI				
4. Recent mortality (•		to CMS					V
5. Evidence of recer If yes, facility nos/no		•		/roscon:				Y
See Q3	mortality pe	i iacility/iio st	ock per racility	//Teason.				
6. Any other peaks in	n mortality di	uring period o	hecked?					N
If yes, detail:	anty at	g poniou o						
7. Have increased (u	unexplained)	mortalities be	een reported to	o vet or FHI?				N/A
If yes, detail action:	,							
8. Have 'mortality ev	ents' been re	eported to FH	I? If no, add M	IRT case and	enter on morta	ality events s	heet.	N/A

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treetments and Medicines Decords		

Treatments and Medicines Records	
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:	V
6. Are medicines stored appropriately?	Ť
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	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:

Feb 2018 to August 2018

٠.	ii 009, version i i							100	ded by.				
	Case no:	2018-03	364	Site No:		FS0472			Date of		21/0	08/2018	21/(
	Priority samples:	VI		ВА		PA		MG	Samplin	g: HI			
	Time sampling starts/ends:		0:00		0:00		Inspecto	or:	PMM		VMD No).	16
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
		,								'			
Δ	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-3	4-6	7-9	10-12								
	Pool Group												
	Species	SAL	SAL	SAL	SAL								
	Average weight	600g	600g	600g	600g								
	Sex	N/A	N/A	N/A	N/A								
	Water Type	SW	SW	SW	SW								
					_								
		<u> </u>	Ē	(A)	(M								
S		E.	/ate	(F	(F								
Details		ace	WS	ace	асе								
Q		Furnace (FW)	Haweswater	Furnace (FW)	Furnace (FW)								
Stock	Stock Origin	Fu											
Sţ	Facility No	1	2	7	10								

08/2018	D8/2018 Additional Sample Information:												
0		Total To	ests ass	igned	0								
													•

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017
Case Number:	2018-0364		Site No:	FS0472		Insp:	PMM
Date of Visit	21/08/2018		No of me	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	0	40	200	
species	compartment in Number of supp	ncluding third country	0		18 10	26 14	0
Movements off	Frequency of m		0			10	10
Exposure via water	Number of desi	Site contacts				10	
Water contacts with other	Farm is protect	ed (secure water supply through	. <u> </u>	I-3	0-10		
farms (holding species	disinfection or b		0				0
susceptible to same		or in a coastal zone with category I	4	0	4		
diseases)		or within 1 tidal excursion or in a coastal zone with category III	1	2	4		
		or within 1 tidal excursion	1	3	6		0
		or in a coastal zone with category V					-
	farms upstream	or within 1 tidal excursion	1	4	8		0
Management practices			None	Secure	Unsecure		
Water contacts with	Any processing	plant discharging into adjacent waters					
processors			0	1	2		
On farm processing within	No on farm pro	cessing	0				0
the rules of the directive	Processing own	n fish (re-cycling risk)	1				0
	Processing fish	from MS of equivalent status	2				0
		from zone or compartment of	_				H
	equivalent statu	us .	4				0
		from Category III farm	8				0
	Processing fish	from Category V farm	10				0
Disposal of fish and fish by-	Site's own wast	te only processed.	0				0
products	Common proce	esses with other farms	3				3
	Collection point	t for waste from other farms	5				0
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	1			0
	Feeding unpas	teurised feed	5				0
Biosecurity	•	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2
	Sites sharing st	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1				
			<u>'</u>	J			
CoGP/Regulator Practices in accordance	Yes			1			
with regulator or industry	No		0				0
code of practice] 3	J			0
Platform access to cages	Yes		0]			0
	No		2				0
					Total		22
					Rank		MEDIUM

FHI 059, Version 11		Issued by: FHI		Date of iss	ue: 12/09/2
Case No: 2018	-0364	S	Site No:	FS0472	
Sea Lice Inspection (Seawar 1. Has the site experienced se		us 4 vears?			N
2. Is the CoGP Farm Manager	·	•	a single ve	ar class basis?	N
3. Does the site have access azamethiphos and emamectin can these be deployed in a re 4. Is there a signed document	to a range of licenced in-feed in benzoate) as well as access asonable period of time? ed farm management agreem	and bath sea lice medic s to suitable biological ar	cations (incl nd/or mech	uding deltamethrin, anical control measures, and	Υ
Management Area (or equival					
5. Are sea lice count records a		•	C-CD2 // -		Y
6. Do records adequately refle	ect the required standard spec	cined in the SSI and the	CoGP? (Le	gai 55i, CoGP Annex 6)	Υ
7. Are sea lice (<i>L. salmonis</i>) rrecords are inspected? (CoG		sted criteria for treatmen	nt in the Co	GP during the period that	Υ
8. Have average adult female records are inspected?	,			pove during the period that	N
If yes, have these been report					N/A
9. Is <i>C. elongatus</i> infestation	at a level which is considered	I to cause significant well	fare probler	ms? (CoGP 4.3.81, 5.3.50)	N
10. Have therapeutic treatmer suggested criteria for treatmer					N/A
11. Has any other action beer	taken (where applicable)?				N/A
12. Have therapeutic treatmer	nts or the actions taken had a	significant impact upon	the lice leve	els recorded?	N/A
13. Are treatments, where cor 14. Is there a harvesting strate sea lice?	·	·	_	neld without treatment for	Y N/A
15. Is there a site specific writ scenarios during the escalatio	•	ure with waypoints descri	ibing set ac	tions to deal with recognised	Υ
16. Does the stock on site appreasons.	pear satisfactory in relation to	sea lice level and sea lice	ce count da	ta? If no please detail	Υ
Containment Inspection 1. Has the site experienced ed 2. Are measures in place to m				duction cycles?	Y
M.M.L., Tensioned Nets, To		experienced on one. (Be	otali bolow)		
If other, detail below:					
3. Have escape incidents or entire that is a factor of the second of the secon	4 – 9. If No skip to question 1	•	e since the	last FHI inspection?	N
5. Have these been reported t	·				
7. Were methods (if any) used	to recover escapees? If yes	give detail			
8. If gill nets were deployed w	as this action agreed with loc-	al wild fish interests and	was nermis	ssion given by Scottish	
Ministers? (Legal, CoGP – 4.4		ui wiid hoff interests allu	was pennis	Joion given by dedusin	
9. What action was taken to p	revent and minimise the risk	of further escapes? (Not	covered in	code but could	
be considered under satisf	•				
10. Is the site inspected as sa	tisfactory with regards to cont	tainment? If no, please d	detail reaso	n(s)	Υ

Date of issue: 12/09/2017

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0364	Site No: FS0472	
Date of Visit: 21/08/2018	Inspector: PMM	
Point of Compliance		
1. Is the farm under inspection located If N, no further questions require compl	•	Y
Points of Compliance for Both Farm	Management Agreements and Statements	
3. Is the current FMAg/S available for ir4. Does the FMAg/S identify the relevant5. Does the FMAg/S identify the fish far	nt farm management area? rm site(s) to which it applies? f commencement of the agreement or statemen	Y Y Y
Arrangements for Fish Health Manag	gement	
farm? 9. Does the FMAg/S identify the vaccination. Does the FMAg/S identify the speciant. Does the FMAg/S identify the maximal individual farm? 12. Does the FMAg/S identify the arrangement fish farm in the area or the individual farm.		r farm? r farm? Y The area or the Add fish from any Y
of statement? 15. Does the FMAg/S identify any requilice on farms in the area or individual fa 16. Does the FMAg/S identify the circurused on farms in the area or individual	mstances under which biological controls and cl	eatments for sea Y eaner fish are to be
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or regements for the movement of live fish on and of	

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Harvesting		
20. Does the FMAg/S identify acceptab	le harvest practices on farms in the area or individ	dual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be resto	by which the area or individual farm will be fallow cked?	and the earliest Y
22. Does the FMAg/S identify whether of agreement or statement?	one or more year classes may be stocked onto sit	es covered by the Y
23. Does the FMAg/S identify whether be covered by the agreement or statement	broodstock or potential broodstock are to be kept of the state of the	on any site Y
Point of Compliance for Farm Manag	gement Agreements Only	
24. Does the farm management agreer parties to the agreement?	ment include arrangements for persons to become	e, or cease to be,
Management and operation		
25. Is the fish farm being managed and	d operated in accordance with the agreement or st	ratement?
26. What is the version no/date of issue	e of the FMAg/S? Feb-18	

Case No:	2018-0364			Date of visit:	21/08/2018				
Site No:	FS0472			Inspector: PMM					
Results Summary	Freq.			Date of Notification					
,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
	1					ì			
	1					ì			
	Î								
Report Summary									
Case Type	Date	Insp	2 nd Insp						
Case Type ECI, CNI, SLI, VMD	11/10/2018	PMM	ALW						





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0095Date of Visit21/08/2018Site NoFS0472Site NameWick of BelmontInspectorPaul McKayCase No20180364

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.

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

Signed: Date: 11/10/2018

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

FHI 059, Version 11	ISS	sued by: FHI	Date of Issue: 12/09/2017					
Case No: 2018-0365			Date of visit: 21/08/2018					
Time spent on site:	1.5hrs	Main Insp	pector: PMM					
Site No: FS0451 Business No: FB0095	Site Name: Business Name:	Turness Cooke Aquaculture Scotla	and Ltd					
Case Types: 1 REG	2 REP 3	4 5	6					
Water Temp (°C): 9.5	Thermometer No:	T153	FHI 045 completed					
Observations:	Region: SH	Water type: S	CoGP MA: S-2					
Dead/weak/abnormally behavio	ng fish present?	N If yes, see additional	information/clinical score sheet.					
Clinical signs of disease obser	ved?		information/clinical score sheet.					
Gross pathology observed?		N If yes, see additional	information/clinical score sheet.					
Diagnostic samples taken?		N						
UNI/REG only - if unable to carry out intended visit detail reason below:								

Case Sheet Page 1 of 1

2 cages stocked on site, cage 1 -2,878 2016 S1 Sal @ 11.1kg (female), cage 10- 730 2106 S1 @12.7kg. Stock on site being held for Aquagen and due to be moved off in September - location to be confirmed. Cooke were unsure where the fish were destined for, Aquagen were reportedly trying to source wellboat to move stock.

Fish showed good feeding response, stock worst affected by CMS has been harvested.

No dead, moribund or lethargic fish observed at time of inspection. One cage fitted with partial walkways.

FHI 059, Version 11			Issu	ied by: FHI			Date of issu	ie: 12/09)/2017
Case No:	2018-0365		Site No:	FS0451					
Date of Visit:		21/08/2018	;]		Inspector(s):	РММ]	
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	}	
Site Details									
Total No facilities		10	Facilities sto	cked	2	No facilities	s inspected	10	
Species	SAL	<u> </u>	<u> </u>	↓	↓	 '	<u> </u>	ــــــ	
Age group	2016 S1		<u> </u>	<u> </u>					
No Fish	3,608								
Mean Fish Wt	~12kg	T			Τ	T		T	_
Next Fallow Date (S	ite)	Sept 2018?		Next Input Da	ate (Site)	Unsure			
Recent (last 4 wks)	disease prob	lems?		Y	Any escapes	s (since last)	visit)?	N	
If yes, detail:	CMS	101.10			my occupie	(011100 1001	10.1,1		
•									
Movement Records									
1. Movement record		or inspection?							Y
2. Date of last inspec							06/03/2018		
3. Are records comp		•							Y
4. Are movement red									Y
5. Are records comp				0					Y Y
6. Are health certification	ates for introd	ductions (outw	ith GB) availa	able?					N/A
Transport Records									
1. Are any movemer	nts carried ou	ut by (or on be	half) of the bu	usiness (not us	sing a STB)?				
If yes, is there a syst									
Mortality Records									
1. Mortality records a	available for i	inspection?							Y
2. How are mortalities	es disposed o	of?			Whole fish -	TWMA (She	etland)		
If other detail:									
3. Mortality records of	•	correctly enter							Y
4. Recent mortality (last 4 wks):		~150 per we	ek for site					
5. Evidence of recen		* *							N
If yes, facility nos/no	mortality per	r facility/no sto	ck per facility/	/reason:					
	5 19 1								N
6. Any other peaks in	n mortality du	uring period ch	iecked?						N
If yes, detail:	i a i i nod	is sufalition ha	in managed to	est on FUIO					NI/A
7. Have increased (u	unexplaineu	mortalities be	en reported to) Vet or Fmi?					N/A
If yes, detail action:		and ad to EUI	Olf so add M	DT cocc and	- atar an marte	Et avente e	l- a a t		
8. Have 'mortality ev	rents been re	eported to FHI	? If no, add IVI	IRT case and e	enter on morta	ality events s	neet.		Y

Site Records Page 1 of 2

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	
If yes, detail:	
If other, detail:	
Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
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).	
Pacards chacked between: March 2018 to August 2018	

Site Records Page 2 of 2

Case No:	2018-0365			Date of visit: 21/08/2018						
Site No:	FS0451	1		Inspector: PMM						
Results Summary	Freq.			Date of Notification						
	i i	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
Report Summary										
Case Type	Date	Insp	2 nd Insp							
REP, REG	13/12/2018	PMM	JET							
			-							
	Į									





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0095
 DATE OF VISIT
 21/08/2018

 SITE NO
 FS0451
 SITE NAME
 Turness

 INSPECTOR
 Paul McKay
 CASE NO
 20180365

The above site was visited following a report of increased mortality attributed to CMS. 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: 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

R10

FHI 059, Version 11	l:	ssued by: FHI	Date o	of issue: 12/09/2017
Case No: 2018-0366			Date of visit:	22/08/2018
Time spent on site:	3.5hrs	Mai	in Inspector:	PMM
Site No: FS1279 Business No: FB0095	Site Name: Business Name:	Bastaness Cooke Aquaculture S	Scotland Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6	
Water Temp (°C): 13.1	Thermometer No:	T153	FHI 045 comp	oleted
Observations:	Region: SH	Water type:	S CoGP MA:	S-3
Dead/weak/abnormally behavir Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	· ·	N If yes, see addit	tional information/clinical s tional information/clinical s tional information/clinical s	score sheet.
UNI/REG only - if unable to car	ry out intended visit detail	reason below:		

Stock on site was moved on from Flaeshins in Feb 2018. No chemical theraputant used on this input of fish, numbers have recently gone over the reporting level (3), site currently harvesting and due to fallow in next few weeks. A salmosan treatment is being considered, however, current strategy is to fallow. Harvest will be transported to the Orkney packing station as well as using the Mid Yell packing station. This will begin after the fallowing of Bay of Vady site near Rousay.

All cages on site fitted with Sapphire nets. Divers usually on site weekly. Site has experienced grumbling mortalities to CMS since the end of June 2018. Harvest fish are reported >98% superior when going through the packing station.

All harvest are conducted using the Viking Viknes, this has had electrical stunners installed and is reported to be very efficient. Cooke also have their own Hydrolicer, this was to work very well when required.

Very good visibilty at time of inspection, no moribund observed at time of inspection. 10 dead observed across site, not fresh dead.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0366		Site No:	FS1279				
Date of Visit:		22/08/2018]		Inspector(s):	PMM]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y Y]
Site Details								
Total No facilities		10	Facilities sto	cked	6	No facilitie	s inspected	10
	SAL							
3-3-1	2017 S1							
No Fish	120,000							
Wearr ion we	5.9 kg							
Next Fallow Date (Si	ite)	Sept 2018		Next Input Da	ate (Site)	Nov 2018		
Decemb (least 4 miles)	-l'					(ain an Innt	.:-:4\0	N
Recent (last 4 wks) of lf yes, detail:	CMS	ems?		<u> </u>	Any escapes	(since last	VISIT) ?	N
ii yes, detaii.	CIVIO							
Movement Records	3							
1. Movement record	s available fo	r inspection?						Y
2. Date of last inspec	ction:						13/05/2015	
3. Are records comp	lete and corre	ectly entered?	?					Y
4. Are movement red	cords availab	le for dead fis	h and waste?	•				Y
5. Are records comp	lete and corre	ectly entered?	?					Y
6. Are health certification	ates for introd	ductions (outw	vith GB) availa	able?				N/A
Transport Records								
1. Are any movemer If yes, is there a syst		• `	•	`	,			N
	iciti ili piacc i	or maintenan	cc or transpor	rtation records	•			
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalities		•			Whole fish -	TWMA (She	etland)	
If other detail:						()	,	
3. Mortality records of	complete and	correctly ente	ered?					Y
			WK 30 - 2,5	72 (1.26%), W	K 31 - 1,601 ((0.86%%), W	/K 32 - 2,380	(1.29%),
4. Recent mortality (last 4 wks):		WK 33 - 2,30	09 (1.27%) - A	ttributed to CM	1S		
5. Evidence of recen		• •						N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
6 Apy other reals	o mortaliti	ring paris del	o oleo do					N I
6. Any other peaks in If yes, detail:	i mortality du	ning period cr	ieckea?					N
7. Have increased (u	inexplained)	mortalities he	en reported to	vet or FHI2				N/A
If yes, detail action:	inoxpiamoa)	nortainies be	on reported to	700011111				14/7 (
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	IRT case and e	enter on morta	lity events s	heet.	Y

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/201		

Treatments and Medicines Records	
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)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the nation that will be taken in the event that the processes or avanision of the processes of a listed discosses	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	·
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	Y
ii no, detaii.	
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).	
Pacards chacked between: 13/5/15 to 22/8/18	

13/5/15 to 22/8/18

'	mi 059, version i i							153	sueu by.				
	Case no:	2018-03	866	Site No:		FS1279			Date of Samplin		22/0	08/2018	22/(
	Priority samples:	VI		ВА		PA		MG		g. HI			
	Time sampling starts/ends:	14:0	0:00	14:3	0:00		Inspecto	or:	PMM		VMD No	o. 	13
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
Δ	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1											
	Pool Group												
	Species	SAL											
	Average weight	6kg											
	Sex	Female											
	Water Type	SW											
Stock Details		ത Flaeshins											
V.	T acility NO	0											

1111 000,										.00	aca by.			
O8/2018 Additional Sample Information:														
0		Total To	ests ass	igned	0	l								
														•

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017
Case Number:	2018-0366		Site No:	FS1279		Insp:	PMM
Date of Visit	22/08/2018		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	0
Т	Number of sup	ncluding third country	0		10	14	0
Movements off			1 0	3	6	10	
Movements on	Frequency of n		0		6	10	0
Exposure via water		Site contacts	5 0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	•	0				0
susceptible to same diseases)	farms upstrean	or in a coastal zone with category In or within 1 tidal excursion	1	2	4		2
	farms upstrean	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 n 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		1
On farm processing within the rules of the directive	No on farm pro		0				0
	Processing ow	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	1				0
		from Category III farm	8				
		from Category V farm	10				0
Disposal of fish and fish by-	Site's own was	te only processed.	0]			0
products	Common proce	esses with other farms	3	1			3
	Collection poin	t for waste from other farms	5				0
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	<u>.</u> 			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		2
	Sites sharing s	taff and equipment	0	1	2		2
Disinfection of equipment	Yes		T 0	1			0
between sites, use of footbaths etc	No		1				0
CoGP/Regulator				_			
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				0
Platform access to cages	Yes		0				0
	No		2				0
					Total		11
					Rank		LOW

Case No:	2018-0366		S	ite No:	FS1279]	
-	(Seawater Sites Only) enced sea lice problems	in the previous 4 years	2				N
•	•			o oinalo v	oor close basis?		N
	Management Area (or ed		•				IN V
azamethiphos and em can these be deployed	access to a range of lice amectin benzoate) as well in a reasonable period acumented farm manage equivalent)?	well as access to suitable of time?	ole biological an	nd/or mecl	hanical control meas		Y
	ecords available for insp	pection? (Legal SSI, Co	oGP Annex 6)				Υ
	ely reflect the required		•	CoGP? (L	egal SSI, CoGP Anr	nex 6)	Υ
7. Are sea lice (<i>L. saln</i> records are inspected	nonis) record levels bel ? (CoGP Annex 6)	ow the suggested criter	ria for treatmen	t in the Co	oGP during the perio	od that	N
8. Have average adult records are inspected	female sea lice (<i>L. salr</i> .?	monis) numbers per fisl	h been at a leve	el of 3 or a	above during the per	riod that	Υ
If yes, have these bee	n reported to the Fish H	lealth Inspectorate? If r	no, FHI see com	nment.			Υ
9. Is <i>C. elongatus</i> infe	station at a level which	is considered to cause	significant welf	are proble	ems? (CoGP 4.3.81,	, 5.3.50)	N
	reatments been administreatment or where <i>C. e</i>						Υ
11. Has any other acti	on been taken (where a	pplicable)?					N/A
12. Have therapeutic t	reatments or the actions	s taken had a significar	nt impact upon t	the lice le	vels recorded?		Υ
13. Are treatments, wh	nere conducted, carried	out in cooperation betw	ween participati	ng farms?	•		Υ
	ng strategy for the site,	·	•	~		ent for	Υ
-	cific written lice manage scalation of a sea lice in		aypoints descri	bing set a	actions to deal with r	ecognised	Υ
16. Does the stock on reasons.	site appear satisfactory	in relation to sea lice lo	evel and sea lic	e count d	lata? If no please de	tail	Υ
Containment Inspect	ion						
-	enced equipment damag	ge due to predators in the	he current or pr	evious pr	oduction cycles?		N
2. Are measures in pla	ace to mitigate against the	he predation experience	ed on site? (De	tail below	')		Υ
M.M.L., Tensioned N	Nets, Top Nets						
If other, detail below	:						
3. Have escape incide	ents or events been exp	erienced on or in the vi	icinity of the site	e since the	e last FHI inspection	1?	N
If Yes proceed with qu	estions 4 – 9. If No skip	to question 10					
4. Have these been re	ported to Scottish Minis	sters?					
5. Have these been re	ported to local DSFB fo	rthwith (where they exis	st)? (CoGP - 4	.4.37, 5.4	.17)		
6. Have these been re	ported to the SSPO and	d local fisheries trusts fo	orthwith (where	they exis	t)? (CoGP – 4.4.37,	5.4.17)	
7. Were methods (if a	ny) used to recover esca	apees? If yes give deta	iil				
8. If all nets were den	loyed was this action ag	areed with local wild fish	h interests and	was nerm	ission given by Scot	tish	
Ministers? (Legal, Co0		J. COG WILL TOOK! WITCH HO!	Thronosis and	ao penin			
9. What action was tal	ken to prevent and mini	mise the risk of further	escapes? (Not	covered in	n code but could		
be considered unde	er satisfactory measur	res of the Act)					
	ed as satisfactory with re	· ·	If no, please d	etail reaso	on(s)		Υ

Issued by: FHI

Date of issue: 12/09/2017

FHI 059, Version 11

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0366	Site No: FS1279	
Date of Visit: 22/08/2018	Inspector: PMM	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Υ
If N, no further questions require comple	etion.	
Points of Compliance for Both Farm	Management Agreements and Statements	
3. Is the current FMAg/S available for in4. Does the FMAg/S identify the relevar5. Does the FMAg/S identify the fish far6. Does the FMAg/S identify the date of7. Does the FMAg/S identify the date of	ont farm management area? om site(s) to which it applies? commencement of the agreement or statement or sta	Y Y Y
Arrangements for Fish Health Manag	ement	
8. Does the FMAg/S identify the minimularm?	um health standards for the stocks to be introd	duced to the area or Y
9. Does the FMAg/S identify the vaccina10. Does the FMAg/S identify the specie11. Does the FMAg/S identify the maximal individual farm?12. Does the FMAg/S identify the arrange	ation requirements for stocks held in the area es of fish which may be stocked into the area num stocking density of any pen on any farm gements for the storage and disposal of any d	or farm? in the area or the
fish farm in the area or the individual farmangements for The Management		
13. Does the FMAg/S identify arrangem	nents for the sharing of data on sea lice number	ers and treatments?
14. Does the FMAg/S identify the availar of statement?	ability and the use of medicines on farms cove	ered by the agreement Y
15. Does the FMAg/S identify any requi	rements for the sensitivity testing of available	treatments for sea
	mstances under which biological controls and	cleaner fish are to be
used on farms in the area or individual the strength of the st	rarms? gements for synchronous treatments on farms	s within the area?
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or gements for the movement of live fish on and	

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Harvesting		
20. Does the FMAg/S identify acceptab	ole harvest practices on farms in the area or individ	dual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be resto	s by which the area or individual farm will be fallow ocked?	and the earliest Y
22. Does the FMAg/S identify whether agreement or statement?	one or more year classes may be stocked onto site	es covered by the Y
_	broodstock or potential broodstock are to be kept of t?	on any site Y
Point of Compliance for Farm Manag	gement Agreements Only	
24. Does the farm management agreer parties to the agreement?	ment include arrangements for persons to become	e, or cease to be,
Management and operation		
25. Is the fish farm being managed and	d operated in accordance with the agreement or st	ratement?
26. What is the version no/date of issue	e of the FMAq/S? Feb-18	

Site No: FS1279

Case No: 2018-0366

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0366			Date of visit:	22/08/2018			
Site No:	FS1279	1		Inspector:	PMM]		
Results Summary	Freq.	Date of Notification						
,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
				-	-			
				1	1			1
				1	1			1
D 0				1				
Report Summary	- ·		nd					
Case Type ECI, CNI, SLI, VMD	Date Date	Insp	2 nd Insp					
ECI, CNI, SLI, VMD	11/10/2018	РММ	ALW					
				4				
		-		4				
				4				
				•				





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0095Date of Visit22/08/2018Site NoFS1279Site NameBastanessInspectorPaul McKayCase No20180366

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.

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: 11/10/2018

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

FHI 059, Version 11	I	ssued by: FHI		Date of	issue: 12/09/2017	
Case No: 2018-0367				Date of visit:	22/08/2018	
Time spent on site:	3.5hrs	N	/lain Inspector	r: [F	PMM	
Site No: FS0656 Business No: FB0095	Site Name: Business Name:	Djubawick Cooke Aquacultur	e Scotland Lt	rd		
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD	5	6		
Water Temp (°C): 13.1	Thermometer No:	T153	ם ו	FHI 045 compl	eted	
Observations:	Region: SH	Water type:	S	CoGP MA:	S-3	
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see ad	lditional inforn	nation/clinical so nation/clinical so nation/clinical so	core sheet.	
UNI/REG only - if unable to carry out intended visit detail reason below:						

Stock on site was moved on from Flaeshins in Feb 2018. No chemical theraputant used on this input of fish, numbers have recently gone above the CoGP suggested criteria for treatment, site currently harvesting and due to fallow in next few weeks. A salmosan treatment is being considered, however, current strategy is to fallow. Harvest will be transported to the Orkney packing station as well as using the Mid Yell packing station. This will begin after the fallowing of Bay of Vady site near Rousay.

3 of the six cages stocked fitted with Sapphire nets. Cooke net washing boat on site at time of inspection, this was reported to work well. Also use Aurora Marine if required. Divers on site at time of inspection, usually on site weekly. Site has experienced grumbling mortalities to CMS since the end of June 2018.

All harvest are conducted using the Viking Viknes, this has had electrical stunners installed and is reported to be very efficient. Cooke also have their own Hydrolicer, this was to work very well when required.

Excellent visibility at time of inspection, no moribund observed at time of inspection. 5 dead observed, not fresh dead. These were likely to have been disturbed during net washing operations.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017	
Case No:	2018-0367		Site No:	FS0656					
Date of Visit:		22/08/2018	;		Inspector(s):	PMM]	
Registration/Authornamental 1. Business/site detaction 2. Changes made to	ails summary		ite representa	itive?			Y	}	
Site Details									
Total No facilities		16	Facilities sto	cked	6	No facilitie	es inspected	16	
Species	SAL								
Age group	2017 S1								
No Fish	~88,000								
Mean Fish Wt	5.9 kg								
Next Fallow Date (S	ite)	Sept 2018		Next Input Da	ite (Site)	Nov 2018			
Recent (last 4 wks)		Y Any escapes (since last visit)?							
If yes, detail:	CMS								
Movement Records 1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records									
1. Are any movement of yes, is there a sys								N	
Mortality Records									
1. Mortality records		•						Y	
2. How are mortalitie	es disposed o	if?			Whole fish -	TWMA (She	etland)		
If other detail: 3. Mortality records	complete and	acreetly ent	arad?					I Y	
Recent mortality (·		WK 30 - 4,46	63 (2.05%), Wł 2.26%) - Attribu	•	2.36%), WK	(32 - 3,929 (3	•	
5. Evidence of recer	,			.20,0,	100 10 0			Y	
If yes, facility nos/no		• •		/reason:					
See recent mortality - attributed to CMS									
6. Any other peaks in mortality during period checked?									
If yes, detail:									
7. Have increased (unexplained) mortalities been reported to vet or FHI?									
If you dotail action:		/							

8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treetments and Medicines December		

Treatments and Medicines Records	
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:	V
6. Are medicines stored appropriately?	Ť
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	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?	V
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	Y
ii no, detaii.	
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: 13/5/15 to 22/8/18

FII 009, VEISIOII I I					issueu by. Frii							
Case no:	2018-03	367	Site No:		FS0656			Date of Samplin		22/	08/2018	22/0
Priority samples:	VI		ВА		PA		MG		HI			
Time sampling starts/ends: Environmental conditions:		0:00 Indoors		0:00	 3	Inspecto	or: 4	PMM] 5	VMD No	o. 	17
Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
Add Fish/Pools - click												
Pool/Fish No												
Fish nos	1	2										
Pool Group												
Species	SAL	SAL										
Average weight	6kg	6kg										
Sex	Female	Male										
Water Type	SW	SW										
Stock Origin Facility No	ത Flaeshins	ص Flaeshins										

000,	The coo, voicion Th												
08/2018	Addition	nal Sam	ple Infor	mation:									
0		Total To	ests ass	igned	0	l							
													•

FHI 059, Version 11		Issued by: FHI		: 12/09/2017			
Case Number:	2018-0367		Site No:	FS0656		Insp:	PMM
Date of Visit	22/08/2018		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	0
•	Number of supp	ocluding third country	0		10	14	0
Movements off	Frequency of m		1 0	3	6	10	0
Movements on	Number of dest		0		6	10	0
Exposure via water		Site contact	s 0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or b	,	0				0
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		2
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		0
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		0
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent water	s 0	1	2		1
On farm processing within the rules of the directive	No on farm pro		0				0
	Processing owr	n fish (re-cycling risk)	1				1
		from MS of equivalent status	2				0
	Processing fish equivalent statu	from zone or compartment of	4				0
		from Category III farm	8	1			0
	Processing fish	from Category V farm	10	-			0
Disposal of fish and fish by-	Site's own wast	te only processed.	0				0
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				0
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	1			0
	Feeding unpast	teurised feed	5				0
Biosecurity		Number of site	s 1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2
	Sites sharing st	taff and equipment	0	1	2		2
Disinfection of equipment	Yes		0]			0
between sites, use of footbaths etc	No		1				0
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				0
Platform access to cages	Yes		0	1			0
	No		2				0
					Total Rank		11 LOW

FHI 059, Version 11		Issued by:	Date of iss	ue: 12/09/2	
Case No:	2018-0367		Site No:	FS0656	
Sea Lice Inspection (Se		in the previous 4 years?			N
·		quivalent) fallowed synchro	nously on a single v	ear class basis?	N
 Does the site have acc azamethiphos and emam can these be deployed in 	ess to a range of lice ectin benzoate) as v a reasonable period	enced in-feed and bath sea well as access to suitable bi	lice medications (incological and/or med	cluding deltamethrin, hanical control measures, and	Υ
Management Area (or eq	·				
	·	pection? (Legal SSI, CoGP	•		Υ
6. Do records adequately	reflect the required s	standard specified in the SS	I and the CoGP? (L	egal SSI, CoGP Annex 6)	Υ
7. Are sea lice (<i>L. salmor</i> records are inspected? (ow the suggested criteria fo	r treatment in the Co	oGP during the period that	N
records are inspected?	·			above during the period that	N
•	•	lealth Inspectorate? If no, Fi			N/A
9. Is <i>C. elongatus</i> infesta	tion at a level which	is considered to cause sign	ificant welfare proble	ems? (CoGP 4.3.81, 5.3.50)	N
•		stered or other actions taker longatus is considered to h		levels have exceeded the ions? (CoGP 4.3.82, 5.3.51)	Υ
11. Has any other action	been taken (where a	pplicable)?			N/A
12. Have therapeutic trea	tments or the actions	s taken had a significant imp	pact upon the lice le	vels recorded?	Υ
14. Is there a harvesting		out in cooperation between where fewer populations or	• •		Y Y
sea lice? 15. Is there a site specific scenarios during the esca	•		ints describing set a	actions to deal with recognised	Υ
16. Does the stock on site reasons.	e appear satisfactory	in relation to sea lice level	and sea lice count c	lata? If no please detail	Υ
	ed equipment damag	ge due to predators in the cu			N
·	0 0	he predation experienced or	n site? (Detail below	r)	Υ
M.M.L., Tensioned Net If other, detail below:	s, rop Nets				
ii otilei, detail below.					
 Have escape incidents Yes proceed with quest Have these been report 	ions 4 – 9. If No skip		of the site since th	e last FHI inspection?	N
•		rthwith (where they exist)? (·	
7. Were methods (if any)	used to recover esca	apees? If yes give detail			
8. If aill nets were deploye	ed was this action ac	reed with local wild fish inte	rests and was perm	ission given by Scottish	
Ministers? (Legal, CoGP		,		J 7 7 2 7 2 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
9. What action was taken	to prevent and minir	mise the risk of further esca	pes? (Not covered i	n code but could	
be considered under s	•	· · · · · · · · · · · · · · · · · · ·			
10. Is the site inspected a	is satisfactory with re	egards to containment? If no	o, please detail reas	on(s)	Υ

Date of issue: 12/09/2017

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0367	Site No: FS0656	
Date of Visit: 22/08/201	8 Inspector: PMM	
Point of Compliance		
1. Is the farm under inspection located	d within a farm management area?	Υ
If N, no further questions require comp	oletion.	
Points of Compliance for Both Farn	n Management Agreements and Statements	
3. Is the current FMAg/S available for4. Does the FMAg/S identify the relevant5. Does the FMAg/S identify the fish factorial	ant farm management area? arm site(s) to which it applies? of commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health Mana	gement	
8. Does the FMAg/S identify the minim farm?	num health standards for the stocks to be introd	luced to the area or Y
10. Does the FMAg/S identify the special. Does the FMAg/S identify the maxindividual farm?	nation requirements for stocks held in the area cies of fish which may be stocked into the area cimum stocking density of any pen on any farm in a national stocking density of any pen on any farm in the storage and disposal of any density of any	or farm? in the area or the
fish farm in the area or the individual		
Arrangements for The Management	of Sea Lice	
13. Does the FMAg/S identify arrange	ments for the sharing of data on sea lice number	ers and treatments?
14. Does the FMAg/S identify the avai of statement?	lability and the use of medicines on farms cover	red by the agreement Y
15. Does the FMAg/S identify any require on farms in the area or individual f	uirements for the sensitivity testing of available farms?	treatments for sea Y
16. Does the FMAg/S identify the circu	umstances under which biological controls and	cleaner fish are to be
used on farms in the area or individua 17. Does the FMAg/S identify the arra	ngements for synchronous treatments on farms	s within the area?
Live Fish Movements		
area or farm?	umstances when live fish may be introduced or	
or individual farms?	ngements for the movement of live fish on and	on sites in the area

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Harvesting		
20. Does the FMAg/S identify acceptab	le harvest practices on farms in the area or individ	dual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be resto	by which the area or individual farm will be fallow cked?	and the earliest Y
22. Does the FMAg/S identify whether of agreement or statement?	one or more year classes may be stocked onto sit	es covered by the Y
23. Does the FMAg/S identify whether be covered by the agreement or statement	broodstock or potential broodstock are to be kept of the transfer of the trans	on any site Y
Point of Compliance for Farm Manag	gement Agreements Only	
24. Does the farm management agreer parties to the agreement?	ment include arrangements for persons to become	e, or cease to be,
Management and operation		
25. Is the fish farm being managed and	d operated in accordance with the agreement or st	ratement?
26. What is the version no/date of issue	e of the FMAg/S? Feb-18	

Site No: FS0656

Case No: 2018-0367

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0367			Date of visit: 22/08/2018						
Site No:	FS0656	1		Inspector:	PMM	l				
Results Summary	Freq.			Da	te of Notifica	tion				
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
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Report Summary										
Case Type ECI, CNI, SLI, VMD	Date	Insp	2 nd Insp							
ECI, CNI, SLI, VMD	11/10/2018	PMM	ALW							
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	+									





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0095Date of Visit22/08/2018Site NoFS0656Site NameDjubawickInspectorPaul McKayCase No20180367

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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: 11/10/2018

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

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017						
Case No: 2018-0368			Date of visit: 27/08/2018						
Time spent on site:	5 mins	Main	Inspector: PMM						
Site No: SS0673	Site Name:	South of Whalwick							
Business No: SB0432	Business Name:	Eastvoe Shellfish							
Case Types: 1 ECI	2 3	4 5	6						
Water Temp (°C): 12.9	Thermometer No:	T153	FHI 045 completed						
Observations:	Region: SH	Water type: S	CoGP MA:						
Dead/weak/abnormally behaving	fish present?	N If yes, see additio	N If yes, see additional information/clinical score sheet.						
Clinical signs of disease observe	ed?		nal information/clinical score sheet.						
Gross pathology observed?		N If yes, see additio	nal information/clinical score sheet.						
Diagnostic samples taken?		N/A							
UNI/REG only - if unable to carry	out intended visit detai	l reason below:							

Additional Case Information:

Eight lines on site, three lines are ready to harvest. However, area currently closed due to toxin results, last harvest was reported to have been June 2018. Five remaining lines on site for spat collection. Last year spat reported to be very poor, however, this year has been very good. All shells are sold through the SSMG.

No issues reported at this site, no predation issues. Good spat settlement observed on lines.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0368		Site No:	SS0673				
Date of Visit:		27/08/2018]		Inspector(s):	PMM]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	itive?			Y N]
Site Details								
Total No facilities		8	Facilities sto	cked	5	No facilitie	s inspected	8
Species	MED	MED		1			1	
Age group	2018 Spat	2016						
No Fish	5 lines	3 lines						
Mean Fish Wt	mixed	mixed						
		Harvest 202		Next Input Da	to (Sito)	Spot collec	otion 2020	
Next Fallow Date (S	ile)	narvest 2020	0	Next Input Da		Spat collec	011011 2020	
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
Movement Records								
Movement record		r inspection?						Y
2. Date of last inspec		i inspection:					30/06/2016	
3. Are records comp		ectly entered?	>				30/30/2010	Y
4. Are movement red		•						N/A
5. Are records comp								N/A
6. Are health certification		•		ıble?				N/A
Transport Records								
1. Are any movemer	nts carried ou	t by (or on be	half) of the bu	siness (not usi	ing a STB)?			
If yes, is there a syst		• '		•				
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalities	es disposed o	f?			Other (detail))		
If other detail:	Seabed - em	npty shells						
3. Mortality records of	•	correctly ente	ered?					Y
4. Recent mortality (last 4 wks):		no mortalities	s observed,				
5. Evidence of recen	nt increased/a	typical mortal	lities?					N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	reason:				
	P.							N
6. Any other peaks in mortality during period checked?								
If yes, detail:								
7. Have increased (unexplained) mortalities been reported to vet or FHI? N/A If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no ladd M	RT case and e	enter on morts	ality events s	sheet	N/A
z	2		, add ivi	cacc and c				

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		

Treatments and Medicines Records	
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	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been c	onsidered?
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary p	
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 prese	nce 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	ed (equal or higher Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiolog	ical unit to minimise
transmission of disease been covered (movement of staff, visitors, equipment, live or dead	
7. Is documentation available regarding the measures in place to maintain the physical cor	
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:

July 2016 to August 2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0368 SS0673 Site No: Date of Visit PMM 27/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If 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 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on 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 within MSS Management 0 2 1 0 Frequency of movements off outwith MSS Management 0 6 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management 0 4 8 0 area **Number of sites** 1 2 or 3 > 4 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment

Disinfection of equipment between sites, use of footbaths etc

Yes

0

Total Risk No

0

MEDIUM

Case No:	2018-0368]		Date of visit:	27/08/2018			
Site No:	SS0673]		Inspector:	PMM]		
Results Summary	Freq.							
Troound Carrinary	1 104.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	<u> </u>							
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				_				
Report Summary								
Case Type ECI	Date	Insp	2 nd Insp					
ECI	26/10/2018	PMM	ALW					
				4				
				-				
	+							
	+							
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Eastvoe Shellfish Sained Eastvoe Scalloway Shetland ZE1 0US

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No SB0432 **DATE OF VISIT** 27/08/2018

SITE No SS0673 SITE NAME South of Whalwick

INSPECTOR Paul McKay Case No 20189368

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: Date: 26/10/2018

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

FHI 059, Version 11	ls	ssued by: FHI	Date of issue: 12/09/2017				
Case No: 2018-0369			Date of visit: 27/08/2018				
Time spent on site:	45 mins	Main Insp	pector: PMM				
Site No: SS0674	Site Name:	Langsound					
Business No: SB0432	Business Name:	Eastvoe Shellfish					
Case Types: 1 ECI	2 3	45	6				
Water Temp (°C): 12.9	Thermometer No:	T153	FHI 045 completed				
Observations:	Region: SH	Water type: S	CoGP MA:				
Dead/weak/abnormally behaving	g fish present?	N If yes, see additional i	information/clinical score sheet.				
Clinical signs of disease observed?	ed?		N If yes, see additional information/clinical score sheet.N If yes, see additional information/clinical score sheet.				
Gross pathology observed?		N If yes, see additional i	mormation/climical score sheet.				
Diagnostic samples taken?							
UNI/REG only - if unable to carry	y out intended visit detail	reason below:					

Additional Case Information:

Eight lines on site,three lines are ready to harvest. However, area currently closed due to toxin results, last harvest was reported to have been June 2018. One line is reported to be 2017 spat and the remaing four lines on site for spat collection. Last year spat reported to be very poor, however, this year has been very good. All shells are sold through the SSMG. No issues reported at this site, some predation from eider ducks, although not reported to have been as heavy predation this year. Good spat settlement observed on lines.

FHI 059, Version 11			lss	sued by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0369		Site No:	SS0674				
Date of Visit:		27/08/20)18		Inspector(s):	: PMM]
Registration/Authornament 1. Business/site det 2. Changes made to	ails summary		y site represer	ntative?			Y N	}
Site Details								
Total No facilities		8	Facilities s	stocked	8	No facilitie	s inspected	8
Species	MED	MED	MED					
Age group	2018 Spat	2016	2017					
No Fish	4 lines	3 lines	1 line					
Mean Fish Wt	mixed	mixed	mixed					
Next Fallow Date (S	Site)	Never fall	ow	Next Input Da	ate (Site)	2018 Spat	collection	
Deport (lost 4 w/s)	diagona prob	lomo?			\	(ainea laat)	vicit) 2	N
Recent (last 4 wks) If yes, detail:	disease prob	iems?		IN	Any escapes	s (since last	VISIT) ?	IN
ii yes, detaii.								
Movement Record	s							
1. Movement record	ds available fo	or inspectio	n?					Y
2. Date of last inspe							30/06/2016	
3. Are records comp		•						Y
4. Are movement re				e?				N/A
Are records comp		•						N/A
6. Are health certific	ates for intro	ductions (o	utwith GB) ava	ailable?				N/A
Transport Records	5							
1. Are any moveme					-			
If yes, is there a sys	tem in place	for mainter	ance of transp	ortation records	?			
Mortality Records								
1. Mortality records	available for	inspection?						Υ
2. How are mortaliti	es disposed d	of?			Other (detail)		
If other detail:	Seabed - er	npty shells						
3. Mortality records	complete and	d correctly e	entered?					Y
4. Recent mortality	(last 4 wks):		no mortalit	ties observed,				
5. Evidence of recei	nt increased/a	atypical mo	rtalities?					N
If yes, facility nos/no	mortality pe	r facility/no	stock per facili	ity/reason:				
6. Any other peaks i	in mortality du	uring period	l checked?					N
If yes, detail:		. 1141						NI/A
7. Have increased (unexplained)	mortalities	been reported	to vet or FHI?				N/A
If yes, detail action:	rantal baan ra	norted to [THO If no odd	MDT aggs and a	antar an mart	ality ayonta a	hoot	N/A
8. Have 'mortality ev	vents been re	eponea io r	This ii no, add	WIR I Case and e	enter on morta	anty events s	neet.	IN/A

FHI 059, Version 11	Issue	ed by: FHI	Date of issue: 12/09/2017
Treatments and Me	dicines Records		
1. Recent treatments	(last 4 wks)?		
If yes, detail:			
If other, detail:			
2. Medicines records	available for inspection?		
3. Are records compl	ete and correctly entered?		
4. Are fish in a withdr	awal period?		
5. If yes, what treatm	ent(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? 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: July 2016 to August 2018

Issued by: FHI Date of issue: 12/09/2017 FHI 059, Version 11 Case Number: 2018-0369 SS0674 Site No: Date of Visit 27/08/2018 PMM Inspector: Number of Susceptible species on site If no susceptible species present = **LOW** risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 0 Susceptible to Marteilia refringens (OED, MED) ი 3 3 Susceptible to OsHV (CGI) 0 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 Frequency of movements on from equivalent MS O Movements on 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 within MSS Management 0 2 0 Frequency of movements off outwith MSS Management 0 6 3 Areas 3 0 3 6 Number of destinations Secure **Unsecure** Management (no effluent (effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 1 Depuration of stock from other businesses sites within MSS management area 0 2 6 0 Depuration of stock from sites outwith MSS management 8 0 area 0 4 **Number of sites** 2 or 3 ≥ 4 **Biosecurity** 1 Sites operating from single shorebase 0 Contacts with other Sites sharing staff and equipment sites Yes No Disinfection of equipment between sites, use of footbaths etc 0 2

Total Risk

MEDIUM

Case No:	2018-0369]		Date of visit: 27/08/2018					
Site No:	SS0674 Inspector: PMM								
Results Summary	Freq.	Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
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			+						
					_				
	-							_	
			+		+			_	
								+	
Report Summary	T	T	T	٦					
Case Type	Date	Insp	2 nd Insp						
Case Type ECI	25/10/2018	PMM	ALW						
-				-					
				1					





Eastvoe Shellfish Sained Eastvoe Scalloway Shetland ZE1 0US

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0432DATE OF VISIT27/08/2018SITE NOSS0674SITE NAMELangsoundINSPECTORPaul McKayCASE NO20180369

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: Date: 25/10/2018

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

FHI 059, Version 11	Issu	ed by: FHI	Date of issue: 12/09/2017				
Case No: 2018-0370			Date of visit: 27/08/2018				
Time spent on site:	45 mins	Main Inspe	ctor: PMM				
Site No: SS0749 Business No: SB0432	Site Name: Business Name:	Holm of Brough Eastvoe Shellfish					
Case Types: 1 ECI	23	4 5	6				
Water Temp (°C): 12.9	Thermometer No:	T153	FHI 045 completed				
Observations:	Region: SH	Water type: S	CoGP MA:				
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N N/A							
Diagnostic samples taken?							
UNI/REG only - if unable to car	ry out intended visit detail rea	ason below:					
ONITION IN GRADIE TO CAL	Ty out interface visit detail rea	SOIT BOIOW.					

Additional Case Information:

Eight lines on site,three lines are ready to harvest. However, area currently closed due to toxin results, last harvest was reported to have been June 2018. The remaining five lines on site for spat collection. Last year spat reported to be very poor, however, this year has been very good. All shells are sold through the SSMG.

No issues reported at this site, some predation from eider ducks, although not reported to have been as heavy predation this year. Good spat settlement observed on lines.

FHI 059, Version 11			Issu	ed by: FHI			Date of issue	e: 12/09/2017
Case No:	2018-0370		Site No:	SS0749				
Date of Visit:		27/08/2018			Inspector(s):	PMM]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		ite representa	itive?			Y N	
Site Details								
Total No facilities		8	Facilities sto	cked	8	No facilitie	s inspected	8
Species	MED	MED						
Age group	2018 Spat	2016						
No Fish	5 lines	3 lines						
Mean Fish Wt	mixed	mixed						
Next Fallow Date (S	ite)	Never fallow		Next Input Da	ite (Site)	2018 Spat	collection	
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
Movement Record	e e							
Movement record		r inspection?						Y
2. Date of last inspe		т пороскогт.					30/06/2016	
3. Are records comp		ectly entered?						Y
4. Are movement re		•						N/A
5. Are records comp	lete and corr	ectly entered?						N/A
6. Are health certific	ates for intro	ductions (outw	ith GB) availa	ible?				N/A
Transport Records								
1. Are any movement of the second sec					-			
	leni in piace	Ul maintenan	Je or transper	lation records.				
Mortality Records								
1. Mortality records	available for i	nspection?						Y
2. How are mortalities		•			Other (detail)			
If other detail:	Seabed - en				,			
3. Mortality records			ered?					Y
4. Recent mortality ((last 4 wks):		no mortalitie:	s observed,				
5. Evidence of recer	nt increased/a	atypical mortal	ities?					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:	· · · · · · lainad\	······································	· · · · · · · · · · · · · · · · · · ·	-+ FLUO				NI/A
7. Have increased (If yes, detail action:	unexplained	mortalities bee	en reported to) Vet or FHI?				N/A
8. Have 'mortality ev	rents' heen re	norted to FHI	2 If no. add M	RT case and e	enter on morta	lity events s	heet	N/A
o. Have infortality of	CITES DOCITIO	ported to rim	. II IIO, aaa ivi	TTT GUGG GITG G		inty evernes s	noot.	,, .

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		
1. Recent treatments (last 4 wks)?		
If yes, detail:		
If other, detail:		
2. Medicines records available for inspec	tion?	
3. Are records complete and correctly en	tered?	
4. Are fish in a withdrawal period?		

2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
Biosecurity records available for inspection?	Y
Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
results of our vehicifice	
1. Has any animal health surveillance been carried out by or an hehalf of the business?	N

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

2. If yes, are results available for inspection?

3. Any significant results?

Records checked between: July 2016 to August 2018

Issued by: FHI Date of issue: 12/09/2017 FHI 059, Version 11 Case Number: 2018-0370 SS0749 Site No: Date of Visit 27/08/2018 PMM Inspector: Number of Susceptible species on site If no susceptible species present = **LOW** risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 0 Susceptible to Marteilia refringens (OED, MED) ი 3 3 Susceptible to OsHV (CGI) 0 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 Frequency of movements on from equivalent MS O Movements on 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 within MSS Management 0 2 0 Frequency of movements off outwith MSS Management 0 6 6 Areas 3 0 3 6 Number of destinations Secure **Unsecure** Management (no effluent (effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 1 Depuration of stock from other businesses sites within MSS management area 0 2 6 0 Depuration of stock from sites outwith MSS management 8 0 area 0 4 **Number of sites** 2 or 3 ≥ 4 **Biosecurity** 1 Sites operating from single shorebase 0 Contacts with other Sites sharing staff and equipment sites Yes No Disinfection of equipment between sites, use of footbaths etc 0 2 0

Total Risk

MEDIUM

Case No:	2018-0370]		Date of visi	it: 27/08/20	18			
Site No:	SS0749]		Inspecto	r: PMM				
Results Summary	IFrog					action			
Results Summary	Freq.	Database	Insp	Date of Notification Phone Insp Writing Insp 2 nd Insp					
						· · · · · · · · · · · · · · · · · · ·		2 11150	
	_			1					
				1					
						_			
						1			
Report Summary									
Case Type ECI	Date	Insp	2 nd Insp						
ECI	25/10/2018	PMM	ALW						
				_					
				-					
		 	+	-					





Eastvoe Shellfish Sained Eastvoe Scalloway Shetland ZE1 0US

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0432Date of Visit27/08/2018Site NoSS0749Site NameHolm of BroughInspectorPaul McKayCase No20180370

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: Date: 25/10/2018

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

Issued by: FHI	Date of issue: 12/09/2017
	Date of visit: 23/08/2018
Main Inspector	: PMM
Marine Hatchery ne: NAFC Marine Centre	
B 4 5	6
No: T153	FHI 045 completed
SH Water type: S	CoGP MA:
N If yes, see additional inform N If yes, see additional inform N If yes, see additional inform N	nation/clinical score sheet.
sit detail reason below:	
ľ	Main Inspector Marine Hatchery NAFC Marine Centre To No: T153 SH Water type: N If yes, see additional inform N If yes, see additional inform

Currently multiple interlinking projects on going in to the development of a Mytilus edulis hatchery. Site collect shells from producers within Shetland to use for broodstock. The potential broodstock and depurated before use. Had experienced some problems with Vibrio in some of the initial brood shells used. Receiving smaller quantities from sites around Shetland. Currently seeking further funding to build on the work of the project.

No movements of live shells off site.

Scored as high risk due to authorisation to hold native oysters.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017	
Case No:	2018-0371		Site No:	SS0770					
Date of Visit:		23/08/2018	3]		Inspector(s):	PMM			
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y		
Site Details									
	MED 2018 Spat unknown	12	Facilities sto	cked	4	No facilitie	es inspected	12	
IVICALLI ISLI VVI	mixed								
Next Fallow Date (Si	te)	Unsure		Next Input Da	ate (Site)	Unsure			
Recent (last 4 wks) of If yes, detail:	disease proble	ems?		N	Any escapes	s (since last	visit)?	N	
Movement Records	3								
1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available?									
Transport Records									
1. Are any movement If yes, is there a syst									
Mortality Records									
1. Mortality records at 2. How are mortalities of their detail: 3. Mortality records of the property of the p	es disposed of complete and	f?			Incinerated -	Shetland W	Vaste to Energ	Jy Y	
4. Recent mortality (I5. Evidence of recent	•	typical morta	no mortalities	s observed				N	
If yes, facility nos/no		•		/reason:					
6. Any other peaks in	n mortality du	ring pariod cl	nockod?					N	
If yes, detail:	Thortanty du	ing pendu ci	leckeu:						
7. Have increased (u	inexplained) r	nortalities be	en reported to	vet or FHI?				N/A	
If yes, detail action: 8. Have 'mortality eve	ents' been re	ported to FHI	? If no, add N	IRT case and	enter on morta	ality events	sheet.	N/A	

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		
1. Recent treatments (last 4 wks)?		
If yes, detail:		

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		
Biosecurity records available for inspection?		Y
2. Has the manner and frequency of mortality removal, record	•	Y
3. Has the manner and period in which the APB will notify Sc	ottish 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 prese		Y
is detected been included and how and when that will be no		
5. Has the health status of aquaculture animals being stocke	d on the farm site been covered (equal or higher	Y
health status, certification if required)?		
6. Have the husbandry and biosecurity measures implemente	ed between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, vi	, •	
7. Is documentation available regarding the measures in place	ce to maintain the physical containment of	Y
aquaculture animals held on site?	• •	
8. Have the biosecurity procedures been adequately implement	ented 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: October 2017 to August 2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0371 SS0770 Site No: Date of Visit PMM 23/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 25 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to OsHV (CGI) 0 3 0 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on 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 within MSS Management 0 2 1 0 Frequency of movements off outwith MSS Management 0 0 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management 0 4 8 0 area Number of sites ≥ 4 1 2 or 3 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment Yes No

Disinfection of equipment between sites, use of footbaths etc

0

Total Risk 0

Case No:	2018-0371]		Date of visi	t: 23/08/201	8			
Site No:	SS0770	Inspector: PMM							
Results Summary	Freq.			D	Date of Notification				
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
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	+								
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	+				+				
					+				
					1				
				<u> </u>			_		
Report Summary				1					
Case Type	Date	Insp	2 nd Insp	1					
ECI	14/12/2018		JET	1					
				1					
				1					
				1					
	1								
	1								
	1								
	1								





NAFC Marine Centre Port Arthur Scalloway Shetland ZE1 0UN

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0356Date of Visit23/08/2018Site NoSS0770Site NameMarine HatcheryInspectorPaul McKayCase No20180371

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: Date: 14/12/2018

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

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017				
Case No: 2018-0383			Date of visit: 21/08/2018				
Time spent on site:	3 hours	Main Inspec	tor: JET				
Site No: FS1067	Site Name:	Inverawe (East) Etive 2					
Business No: FB0456	Business Name:	Dawnfresh Farming Ltd					
Case Types: 1 ESC	2 VMD 3	4 5	6				
Water Temp (°C):	Thermometer No:		FHI 045 completed				
Observations:	Region: ST	Water type: S	CoGP MA: M-36				
Dead/weak/abnormally behavir	•		ormation/clinical score sheet.				
Clinical signs of disease observ	ved?		ormation/clinical score sheet.				
Gross pathology observed? Diagnostic samples taken?		N If yes, see additional information/clinical score sheet.					
Diagnostic samples taken?		N					
UNI/REG only - if unable to car	ry out intended visit deta	ail reason below:					

Escape event - Dawnfresh Farming Ltd were notified by bailiffs from the local DSFB on 08/08/2018, of escaped rainbow trout being caught in the River Awe. On 09/08/2018 divers inspected all nets and cages holding fish of the size range that were reported by the DSFB, a hole caused by seal damage was discovered at the bottom of one net on the Inverawe (East) Etive 2 site. The net was repaired and an escape notification was sent to the FHI, there were no health issues on site at the time of the escape.

Following discussions between the area manager and DSFB, no attempt was made to recapture any further escaped fish, the DSFB hold gill nets for Loch Etive.

Prior to the escape event the centre weights of the cage were removed on 20/07/2018 in order for a hydroliser treatment to be carried out on 04/08/2018, removal of the centre weights cause the bottom of the net to bag up and can become more susceptible to seal damage. Centre weights are removed and re-deployed by dive teams, each removal or re-deployment can take a dive team a whole day to complete.

During the weight removal on 20/07/2018 nets were inspected and no holes were seen. Following the hydroliser treatment on 04/08/2018, divers were back on site on 06/08/2018 to carry out mortality removal, nets were inspected and no holes were observed, there was not enough time to also re-deploy the centre weights and mortality removal was prioritised by the site manager.

Etive 2 also has dead socks for mortality removal, however these are not fully effective when the centre weights are removed, uplifts are not considered appropriate for the site due to the risk of net damage. The centre weights were re-deployed on 09/08/2018 after the hole in the net was discovered.

During the period when the net had no centre weight deployed, no additional anti-predator controls were put in place, the neighbouring site Etive 6 has fixed A.D.D. and Etive 4 has mobile A.D.D. these sites are located further down the loch and have had issues with seal predation, Inverawe (East) Etive 2 located further up the loch has experienced relatively little seal predation.

SOP's and risk assessments for fish crowding and weight lifting were in place and the associated training sheets have been signed off by staff. There is no specific SOP for centre weight removal as this is carried out by contracted dive teams as opposed to site staff. At the time of inspection there was no risk assessment or contingency plan in place for when nets have no centre weights deployed.

Following the inspection, the final escape notification was sent to the FHI by Dawnfresh Farming Ltd on 03/09/2018. Following a count of the cage were the escape occurred, 175 fish were confirmed as escaped and that approximately 100 fish were caught by fishermen in the River Awe. The area manager also noted that the site procedures had been updated to include that centre weights need to be re-attached at the earliest opportunity.

Fish sampled for VMD appeared healthy.

FHI 059, Version 11			Issu	ed by: FHI			Date of issue	e: 12/09/2017
Case No:	2018-0383		Site No:	FS1067				
Date of Visit:		21/08/2018			Inspector(s):	JET		1
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		ite representa	itive?			Y N	
Site Details								
Total No facilities		6	Facilities sto	cked	2	No facilitie	s inspected	2
Species	RTR							
Age group	2017							
No Fish	92,177							
Mean Fish Wt	1.2kg							
Next Fallow Date (S	ite)	November 2	018	Next Input Da	ate (Site)	27/08/18		
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last)	visit)?	Υ
If yes, detail:			l - see additio	nal comments			,	
Movement Records								
Movement record		r inapaction?						Y
2. Date of last inspe		i inspection:					13/02/2018	
3. Are records comp		ectly entered?	•				10/02/2010	Y
4. Are movement re		•						Y
5. Are records comp								Y
6. Are health certific				ıble?				N/A
Transport Records	•							
1. Are any movemen		• •		•				
If yes, is there a sys	tem in place i	or maintenan	ce of transpor	tation records	?			
Mortality Records								
Mortality records a	available for i	nspection?						Y
2. How are mortalities	es disposed c	of?			Other (detail)			
If other detail:	Whole fish -	Taken to BBS	SP Kilmarnock	k by Billy Bowie	e			
3. Mortality records	•	correctly ente	ered?					Y
4. Recent mortality ((last 4 wks):		353 (0.74%)	across site				
5. Evidence of recer		•						N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility/	reason:				
6. Any other peaks i	n mortality du	ring period ch	ecked?					N
If yes, detail:		ig poriod on						
7. Have increased (u	unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	RT case and e	enter on morta	lity events s	sheet.	N/A

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017

Treatments and Medicines Records	
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	
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 hyphandry and hispacywity massures implemented between each enidemiclosical unit to minimize	
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).	
Paccards chacked between: 13/02/2018 - 21/08/2018	

Priority samples: VI BA PA MG HI Time sampling 15:20:00 15:25:00 Inspector: JET VMD No. starts/ends: Environmental conditions: 1 Indoors 2 3 4 5	
Priority samples: VI BA PA MG HI Time sampling 15:20:00 15:25:00 Inspector: JET VMD No. starts/ends: Environmental conditions: 1 Indoors 2 3 4 5 Summary samples HIST BA MG VI PA To	/2018
starts/ends: Environmental conditions: 1 Indoors 2 3 4 5 Summary samples HIST BA MG VI PA To	
Summary samples HIST BA MG VI PA To	1
Add Fish/Pools - click	otal Samples
Pool/Fish No	
Fish nos 1	
Pool Group	
Species RTR	
Average weight 1.2000	
Sex N/A	
Water Type SW	
Stock Origin Facility No E2	

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

Site No: FS1067

Case No: 2018-0383

Nature of non-compliance:

Action taken (FHI):

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

Feq. Date of Notification Database Insp	Case No:	2018-0383			Date of visit	21/08/2018			
Property Property	Site No:	FS1067]		Inspector: JET				
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ESC, VMD	Case Type	Date	Insp	2 nd Insp					
Case complete 03/12/2018 JET DJT	ESC, VMD	20/09/2018	JET	ASM					
	Case complete	03/12/2018	JET	DJT					
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		+			-				





Dawnfresh Farming Ltd Bothwellpark Industrial Estate Uddingston Lanarkshire G71 6LS

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0456 **DATE OF VISIT** 21/08/2018

SITE No FS1067 SITE NAME Inverswe (East) Etive 2

INSPECTOR Joe Triscott Case No 20180383

The site was inspected following notification of an escape of 175 rainbow trout on 09/08/2018.

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.

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.

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 5 regarding containment and escapes. The following recommendations are made for improvement.

To meet the requirements of Chapter 4 point 4.26 of A Code of Good Practice for Scottish Finfish Aquaculture and Annex 4 section A4.17 of A Technical Standard for Scottish Finfish Aquaculture, it is recommended that a documented review is carried out of the anti-predator measures in place at the site and on the suitability of equipment at the site for mitigating predator interactions. Consideration should be given to periods when weighting systems are not deployed on production cages.

It is also recommended that a documented review of mortality removal procedures is undertaken, with consideration given to periods when weighting systems are not deployed on production cages, to ensure that predator interactions are mitigated and minimised.

Further Action

The recommendations in this report should be implemented by 02/11/2018. Documentation should be provided as evidence that the recommendations have been implemented. Enforcement action may result if the recommendations are not implemented in the necessary time frame. Records should be sent to Marine Scotland Science's Fish Health Inspectorate (FHI) (contact details are provided below).

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

Signed: Date: 20/09/2018
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

FHI 059, Version 11	Is	sued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0393			Date of visit: 28/08/2018
Time spent on site:	4.5h	Main Ins	pector: DJT
Site No: FS0594 Business No: FB0169	Site Name: Business Name:	Aird The Scottish Salmon Cor	mpany
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	66
Water Temp (°C): 13	Thermometer No:	T173	FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA: M-17
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	~ .	n 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 detail r	eason below:	

A number of pens had buckled handrails, this had resulted in some of the walkways twisting. Containment did not seem to be compromised. The pens were reported to be six years old with a working life of 10 expected.

FHI 059, Version 11			Issu	ued by: FHI			Date of issu	ue: 12/09/2017
Case No:	2018-0393		Site No:	FS0594	4			
Date of Visit:		28/08/2018	8		Inspector(s)): DJT]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N	}
Site Details								
Total No facilities		10	Facilities sto	ocked	10	No facilitie	es inspected	10
	sal							
Age group No Fish	2018 s1 954,199							
	954, 199 1.18kg							
Mean Fish Wt Next Fallow Date (Si		Aug 2019		Next Input Da	ata (Site)	Jan - Marc	ab 2020	
Next Fallow Date (C.	ile)	Aug 2013		INEXT INPUT DO	ale (Sile)	Jan - Iviaic	II ZUZU	
Recent (last 4 wks)	disease prob	olems?		N	N Any escape	s (since last	visit)?	N
If yes, detail:								
Movement Records	S							
1. Movement records		or inspection?	}					Y
2. Date of last inspec							08/09/2016	
3. Are records comp		•						N
4. Are movement red				}				Y
5. Are records comp6. Are health certification		•		lable?				N
Transport Records		ductions (cu.	With GD, avail.	able:				
1. Are any movemen		• •	,	· ·				Y
If yes, is there a syst	tem in place	for maintenar	nce of transpo	rtation records	.?			Y
Mortality Records								
Mortality records a	available for	inspection?						Y
2. How are mortalities		•			Whole fish	- Dundas Che	emicals	
If other detail:								
3. Mortality records of	complete and	d correctly enf						Y
			(0.18%). No	(0.12%) wk 32 o specific cause				
4. Recent mortality (•		scores have	increased.				N N
5. Evidence of recen		* *						N
If yes, facility nos/no	mortality pe	r facility/no su	ock per racility	//reason:				
6. Any other peaks in	n mortality d	Juring period c	checked?					N
If yes, detail:	1110	uning P	nochos.					
7. Have increased (u	•) mortalities be	een reported to	o vet or FHI?				N/A
If yes, detail action:								NI/A
8. Have 'mortality ev	ents' been re	eported to FH	IR If no, add M	/IRT case and	enter on mort	ality events s	sheet.	N/A

Treatments and Medicines Records
1. Recent treatments (last 4 wks)?
If yes, detail: T.M.S.
Slice
treatment
9/7/18 for
If other, detail: seven days
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)? T.M.S.
If other, detail:
6. Are medicines stored appropriately?
Biosecurity Records
Biosecurity records available for inspection? Y
2. Has the manner and frequency of mortality removal, 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: 13/12/2018 to 28/2/2018

Г	mi 059, version i i							155	ueu by. r	-111		
	Case no:	2018-03	393	Site No:		FS0594			Date of v		28/0	8/2018
	Priority samples:	VI		ВА		PA		MG		g. HI		
	Time sampling starts/ends:	13:0	0:00	14:0	0:00		Inspecto	or:	DJT		VMD No	. 15
	Environmental conditions:	1	Indoors	2		3		4		5		
	Summary samples	HIST		ВА		MG		VI		PA		Total Samples
Δ	dd Fish/Pools - click											
	Pool/Fish No											
	Fish nos	1	2	3	4	5	6					
	Pool Group											
	Species	Sal	Sal	Sal	Sal	Sal	Sal					
	Average weight	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000					
	Sex	N/A	N/A	N/A	N/A	N/A	N/A					
	Water Type	SW	SW	SW	SW	SW	SW					
		٤	٤									
9		B.	B	q	ą	ą	ą					
Detaile		sel	se	cra	cra	cra	Scr					
		Russel Burn	Russel Burn	Geocrab	Geocrab	Geocrab	Geocrab					
Stock	Facility No	4	4	1	1	7	7					
U	JI. 3.5	-		•		•	•					

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

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017	
Case Number:	2018-0393		Site No:	FS0594		Insp:		
Date of Visit	28/08/2018		No of m	ovements/s	supp./dest.		Score	
Live fish movements			0	1-5	6-10	>10		
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0	
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	0	
•	Number of sup	ocluding third country pliers	0			14	0	
Movements off	Frequency of m		0				10	
Movements on	Number of desi		0			10	3	
Exposure via water		Site contacts	0	1-5	6-10			
Water contacts with other farms (holding species	Farm is protect disinfection or l	ed (secure water supply through porehole)	0					
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2	
		or in a coastal zone with category III n or within 1 tidal excursion	1	3	6			
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8			
Management practices			None	Secure	Unsecure			
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0	
On farm processing within the rules of the directive	No on farm pro	cessing	0					
the rules of the directive	Processing own	n fish (re-cycling risk)	1	1			1	
	Processing fish	from MS of equivalent status	2					
	equivalent statu		4					
		from Category III farm	8					
	Processing fish	from Category V farm	10					
Disposal of fish and fish by-	Site's own was	te only processed.	0					
products	Common proce	esses with other farms	3				3	
	Collection point	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			
	Sites sharing s	taff and equipment	0	1	2		1	
Disinfection of equipment	Yes		0]			0	
between sites, use of footbaths etc	No		1					
CoGP/Regulator								
Practices in accordance	Yes		0				0	
with regulator or industry code of practice	No		3					
Platform access to cages	Yes		0				0	
	No		2					
					Total		20	
					Rank		MEDIUM	

						_	
Case No:	2018-0393		Site I	No: F	S0594		
Sea Lice Inspection (Seawater Sites Only)						
 Has the site experie 	nced sea lice problems in the	ne previous 4 years	?				N
2. Is the CoGP Farm M	lanagement Area (or equiva	alent) fallowed syn	chronously on a sir	ngle year	r class basis?		Υ
azamethiphos and emacan these be deployed	access to a range of licence amectin benzoate) as well a l in a reasonable period of ti cumented farm managemer	as access to suitab me?	le biological and/or	r mechar	nical control measu	ures, and	Y
,	•	on? (Logal SSL Co	CP Appey 6)				V
	ecords available for inspecti			D0 //	-1 001 O-0D A	0\	Υ
6. Do records adequat	ely reflect the required stand	dard specified in th	e SSI and the CoG	P? (Lega	ai SSI, Cogp Anne	ex 6)	Y
7. Are sea lice (<i>L. saln</i> records are inspected?	nonis) record levels below the (CoGP Annex 6)	ne suggested criter	ia for treatment in t	the CoGF	P during the period	that	Υ
8. Have average adult records are inspected?	female sea lice (<i>L. salmonis</i>	s) numbers per fish	been at a level of	3 or abo	ove during the perio	od that	N
If yes, have these been	n reported to the Fish Health	n Inspectorate? If n	o, FHI see comme	nt.			N/A
9. Is <i>C. elongatus</i> infe	station at a level which is co	onsidered to cause	significant welfare	problems	s? (CoGP 4.3.81, 5	5.3.50)	N
	reatments been administere reatment or where <i>C. elong</i>						Υ
11. Has any other action	on been taken (where applic	cable)?					N/A
•	reatments or the actions tak	·	t impact upon the I	ice levels	s recorded?		Υ
•	ere conducted, carried out i	_					Υ
	ng strategy for the site, when	•			eld without treatme	nt for	Y
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?							
16. Does the stock on reasons.	site appear satisfactory in re	elation to sea lice le	evel and sea lice co	ount data	a? If no please deta	ail	Υ
Containment Inspect	ion						
•	nced equipment damage du	ue to predators in th	ne current or previo	us produ	uction cycles?		N
·	ce to mitigate against the pr		·	•	Í		Υ
	nmers, seal blinds, MML,			,			
If other, detail below:		riigir toriolorioa ri	313,				
ii otilei, detail below							
3. Have escape incide	ents or events been experier	nced on or in the vi	cinity of the site sin	ce the la	ast FHI inspection?		N
•	estions 4 – 9. If No skip to q		,		·		
	ported to Scottish Ministers						
5. Have these been re	ported to local DSFB forthwi	ith (where they exis	st)? (CoGP – 4.4.3	7, 5.4.17	7)		
6. Have these been re	ported to the SSPO and loca	al fisheries trusts fo	orthwith (where the	y exist)?	(CoGP – 4.4.37, 5	5.4.17)	
7. Were methods (if ar	ny) used to recover escapee	es? If yes give detai	I				
9 If all note were deal	avad was this sation agrees	with local wild field	interests and was	normica	ion given by Costi	ch	
8. ir gill nets were depi Ministers? (Legal, CoG	oyed was this action agreed GP – 4.4.38, 5.4.18)	a with local wild fish	interests and was	penniss	ion given by Scotti	311	
	en to prevent and minimise	the risk of further	escapes? (Not cove	ered in co	ode but could		
	r satisfactory measures o						
	d as satisfactory with regard	· ·	If no, please detail	reason(s)		Υ
	,			(

Issued by: FHI

Date of issue: 12/09/2017

FHI 059, Version 11

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0393	Site No: FS0594	
Date of Visit: 28/08/2018	Inspector: DJT	
Point of Compliance		
1. Is the farm under inspection located If N, no further questions require comp	•	Y
Points of Compliance for Both Farm	Management Agreements and Statements	
3. Is the current FMAg/S available for it4. Does the FMAg/S identify the releva5. Does the FMAg/S identify the fish fa	nt farm management area? rm site(s) to which it applies? f commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health Manag	gement	
farm? 9. Does the FMAg/S identify the vaccin 10. Does the FMAg/S identify the speci 11. Does the FMAg/S identify the maxis individual farm? 12. Does the FMAg/S identify the arran fish farm in the area or the individual farm. Arrangements for The Management		or farm? or farm? Y n the area or the y ead fish from any
of statement? 15. Does the FMAg/S identify any require on farms in the area or individual factorists. Does the FMAg/S identify the circulated on farms in the area or individual	mstances under which biological controls and c	reatments for sea Y cleaner fish are to be
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or r	

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Harvesting		
20. Does the FMAg/S identify acceptable	e harvest practices on farms in the area or indiv	idual farms?
Fallowing		
21. Does the FMAg/S identify the dates be date when a farm or area may be restock	by which the area or individual farm will be fallow	w and the earliest y
22. Does the FMAg/S identify whether on agreement or statement?	ne or more year classes may be stocked onto s	ites covered by the y
23. Does the FMAg/S identify whether brocovered by the agreement or statement?	roodstock or potential broodstock are to be kept	t on any site y
Point of Compliance for Farm Manage	ement Agreements Only	
24. Does the farm management agreeme parties to the agreement?	ent include arrangements for persons to becom	ne, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and c	operated in accordance with the agreement or s	statement? y
26. What is the version no/date of issue of	of the FMAg/S? 27/02/2018	

Site No: FS0594

Case No: 2018-0393

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0393	Date of visit: 28/08/2018								
Site No:	FS0594	1		Inspector:	DJT	l				
Results Summary	Freq.			Da	te of Notifica	tion				
,		Database	Insp		Insp	Writing	Insp	2 nd Insp		
Report Summary										
Case Type ECI,CNI,SLI,VMD	Date	Insp	2 nd Insp							
ECI,CNI,SLI,VMD	05/09/2018	DJT	AJW							





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0169Date of Visit28/08/2018Site NoFS0594Site NameAirdInspectorDavid TomlinsonCase No20180393

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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:

• Site numbers (FS numbers) were not being recorded in the movement book.

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

Inspection under the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 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 assistance or clarification in implementing any requirement or recommendation detailed in this report.



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 11	I	ssued by: FHI	Date of issue: 12/09/2017					
Case No: 2018-0394			Date of visit: 28/08/2018					
Time spent on site:	n	Main I	nspector: DJT					
Site No: SS0244	Site Name:	Loch Toscaig						
Business No: SB0479	Business Name:	Northwind Mussels						
Case Types: 1 REG	2 3	4 5	6					
Water Temp (°C):	Thermometer No:		FHI 045 completed					
Observations:	Region: HI	Water type: S	CoGP MA:					
Dead/weak/abnormally behaving			nal information/clinical score sheet.					
Clinical signs of disease observed	d?	If yes, see additional information/clinical score sheet.						
Gross pathology observed? Diagnostic samples taken?		If yes, see addition	nal information/clinical score sheet.					
Diagnostio campios takon.								
UNI/REG only - if unable to carry								
	No equ	ipment in the water						

No facilities in place, area inspected from the shore. Site owner hopes to get lines in the water at some point but is currently busy with other business interests. No paperwork to inspect.

FHI 059, Version 11			Issu	ued by: FHI			Date of issu	ie: 12/09/2017	
Case No:	2018-0394		Site No:	SS0244	-				
Date of Visit:		28/08/2018	8		Inspector(s):	DJT			
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y	}	
Site Details									
Total No facilities Species Age group		0	Facilities sto	cked	0	No facilitie	es inspected	0	
No Fish									
Mean Fish Wt									
Next Fallow Date (Si	te)	currently fall	low	Next Input Da	ate (Site)	not known			
Recent (last 4 wks) disease problems? N/A Any escapes (since last visit)? If yes, detail:									
Movement Records									
Movement records		r inspection?						N/A	
2. Date of last inspec							30/07/2015	NI/A	
 Are records comp Are movement rec 		•		,				N/A N/A	
5. Are records comp								N/A	
6. Are health certification		•		lable?				N/A	
Transport Records									
1. Are any movement of yes, is there a syst									
Mortality Records									
Mortality records a	evailable for it	espection?						N/A	
2. How are mortalitie		•							
If other detail:	loto and	a arra othy on	1					N/A	
 Mortality records of Recent mortality (I 	•	correctly em	terea?					TWA	
5. Evidence of recen	•	typical morta	alities?					N/A	
If yes, facility nos/no		• •		/reason:					
6. Any other peaks ir	o mortality du	ring period c	hecked?					N/A	
If yes, detail:	1111011	ilig pe	Hookes.						
7. Have increased (u	inexplained) r	mortalities be	en reported to	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 e	enter on morta	ality events s	sheet.	N/A	

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2011

Treatments and Medicines Records			
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			
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:			
ii iio, detaii.			
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).			
Decords shocked between			

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0394 SS0244 Site No: Date of Visit DJT 28/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If 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 0 Susceptible to OsHV (CGI) 0 3 0 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 0 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on 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 within MSS Management 0 2 1 0 Frequency of movements off out with MSS Management 0 0 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites out with MSS 0 4 8 0 management area **Number of sites** 1 2 or 3 > 4 Biosecurity Sites operating from single shorebase 0 Contacts with other Sites sharing staff and equipment sites Yes No Disinfection of equipment between sites, use of footbaths etc 0

Total Risk

LOW

Case No:	2018-0394			Date of visit:	28/08/2018			
Site No:	SS0244]		Inspector	: DJT]		
Results Summary	Freq.			Da	ate of Notifica	tion		
	·	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
-				-				
Report Summary								
Case Type REG	Date	Insp	2 nd Insp					
REG	05/09/2018	DJT	AJW					





Northwind Mussels Sonas, Cumasteel Applecross Ross-shire IV54 8LT

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0479Date of Visit28/08/2018Site NoSS0244Site NameLoch ToscaigInspectorDavid TomlinsonCase No20180394

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

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

Date: 05/09/2018

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017						
Case No: 2018-0395			Date of visit: 29/08/2018						
Time spent on site:	6h	Main Insp	ector: DJT						
Site No: FS0234	Site Name:	Torridon							
Business No: FB0119	Business Name:	Marine Harvest (Scotland)	Ltd						
Case Types: 1 VMD	2 3	4 5	6						
Water Temp (°C):	Thermometer No:		FHI 045 completed						
Observations:	Region: HI	Water type: S	CoGP MA: M-17						
Dead/weak/abnormally behaving	g fish present?	n If yes, see additional i	nformation/clinical score sheet.						
Clinical signs of disease observe	ed?	n If yes, see additional i	nformation/clinical score sheet.						
Gross pathology observed?		n If yes, see additional i	n If yes, see additional information/clinical score sheet.						
Diagnostic samples taken?		n							
UNI/REG only - if unable to carr	UNI/REG only - if unable to carry out intended visit detail reason below:								

High mortality in the lumpfish since March. One treatment of florfenicol March 2018, Additional treatment 3/5/18, and a further one 25/7/18.

Three slice treatments in the cycle, last treatment was for Caligus which was effective. No issues with leps.

Fish could not be caught with feed as feeding at depth and have been through the cycle.

Treatment with peroxide planned for this week.

Plankton issues causing some gill irritation.

Treatments given to lumpfish and salmon for Moritella.

Lumpfish mortality wk 26 - 1158, wk27 - 2770, wk28 - 7493, wk29 - 9075, wk30 9078, wk31 - 4796, wk32 - 1940, wk33 - 974, wk 34 - 717, wk35 (week of inspection) 183

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0395		Site No:	FS0234				
Date of Visit:		29/08/2018	3		Inspector(s):	DJT]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	itive?			y Y	}
Site Details								
Total No facilities		10	Facilities sto	cked	10	No facilitie	s inspected	10
Species	SAL	wrasse	Lump	<u> </u>				
Age group	2017 Q4	25661	22474					
No Fish	808,000	Wild						
Mean Fish Wt	1.75	N/A						
Next Fallow Date (S	ite)	August 2019		Next Input Da	ate (Site)	November	2019	
,	,				1			
Recent (last 4 wks)	disease prob	lems?		Y	Any escapes	(since last	visit)?	Ν
If yes, detail:	issues with	umpfish, AGI	D observed on	Lumpfish.				
Movement Records	S							
1. Movement record		or inspection?						Y
2. Date of last inspe-		,					10/08/2017	
3. Are records comp	lete and corr	ectly entered	?					Y
4. Are movement re-	cords availab	le for dead fi	sh and waste?					Y
5. Are records comp		•						Y
6. Are health certification	ates for intro	ductions (out	with GB) availa	ıble?				N/A
Transport Records								
1. Are any movement If yes, is there a system		• `	,	`	,			
Mortality Records	p.acc							
1. Mortality records a		•						Y
2. How are mortalities	es disposed o	of?			Incinerated -	on site		
If other detail:			10					
3. Mortality records of	complete and	correctly en		7 1 0040	/	1:	-t-: \ O:	Y
4. Recent mortality (last 4 wks):			7, Lump 6316 ne physical da	•	ii inior for m	ore detail), Sa	almon 3049
5. Evidence of recer	nt increased/a	atypical morta	lities?					Y
If yes, facility nos/no	mortality pe	facility/no st	ock per facility/	reason:				
see additional comm								
6. Any other peaks in	n mortality du	ring period c	hecked?					N
If yes, detail:	un aventaire a -IV	mortalitica I	on ronautaal ta	wet or FUIIO				Υ
7. Have increased (ull figure year) detail action:	iriexpiained)		een reported to		proceribed			Y
8. Have 'mortality ev	rents' been re					lity events s	sheet	N/A
o. Have mortality ev	SING DOCITIO	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	o, add ivi	Jago and c	JANOI ON MONE	ty Overite a		,, (

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	Y
If yes, detail: Florfenicol TMS	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	N
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	
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)?	
C. Howe the bush and his convity management in the property of between cook anidomical wait to mainimize a first	
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). Moritella, AGD	
15/0/17 to 20/0/17	

cords checked between: 16/8/17 to 29/8/17

	al 059, version i i							155	ueu by. r				
	Case no:	2018-03	395	Site No:		FS0234			Date of v		29/0	08/2018	
	Priority samples:	VI		ВА		PA		MG	Sampling	y. HI			
	Time sampling starts/ends:	13:4	5:00	15:0	0:00		Inspecto	or:	DJT		VMD No	o. 	21
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-2	3-4										
	Pool Group												
	Species	SAL	SAL										
	Average weight	1.7000	1.7000										
	Sex	N/A	N/A										
	Water Type	SW	SW										
Defails		lort	lort										
ck Def	Stock Origin	-ochailort	Lochailort										
Stock	Facility No	3	1										

	Addition	nal Sam	ple Infor	mation:						
0		Total Te	ests ass	signed	0					

Case No:	2018-0395			Date of visit: 29/08/2018						
Site No:	FS0234	1		Inspector:	DJT	l				
Results Summary	Freq.			Da	te of Notifica	tion				
·		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
	-									
	-									
	1									
Report Summary	1		1	1						
Case Type	Date	Insp	2 nd Insp	1						
Case Type VMD	05/09/2018	D.IT	AJW							
VIVID	00/00/2010	D0 1	7.0 V V							
				1						
				1						
	1									





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 NoFB0119Date of Visit29/08/2018Site NoFS0234Site NameTorridonInspectorDavid TomlinsonCase No20180395

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.

Samples were taken to be analysed for veterinary residues.

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

Records

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

Medicine records were inspected and found to be adequately maintained.

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

Mortality records were inspected and found to be adequately maintained.

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



Date: 05/09/2018

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 11	1	Issued by: FHI	Date of issue: 12/09/2017						
Case No: 2018-0396			Date of visit: 29/08/2018						
Time spent on site:	1h	Main I	nspector: DJT						
Site No: SS0025	Site Name:	Ob Ghorm Mhor							
Business No: SB0016	Business Name:	JG & B MacDonald & S	Sons						
Case Types: 1 REG	2 3	4 5	6						
Water Temp (°C):	Thermometer No:		FHI 045 completed						
Observations:	Region: HI	Water type: S	CoGP MA:						
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet.									
UNI/REG only - if unable to carr	•								
	No boat available								

Planning on cleaning the lines at some point in the future.

Manager plans to use the site for production.

Site is natural settlement only.

Site inspected from the shore

FHI 059, Version 11			Issu	ied by: FHI			Date of issu	ue: 12/09/2017
Case No:	2018-0396		Site No:	SS0025	5			
Date of Visit:		29/08/2018	8		Inspector(s):	DJT		1
Registration/Authoral. Business/site detaction. 2. Changes made to	ails summary		site representa	ative?			y n	}
Site Details								
Total No facilities		3	Facilities sto	cked	3	No facilitie	es inspected	0
Species	MED							
Age group	mix							
No Fish	unknown							
Mean Fish Wt	N/A							
Next Fallow Date (S	lite)	unknown		Next Input Da	ate (Site)	natural spa	at collection c	only
Recent (last 4 wks) If yes, detail:	disease prob	lems?		N	Any escapes	s (since last	visit)?	N/A
Movement Record		ar inapaction?						Y
Movement record	is available id	or inspection:					First inspect	
2. Date of last inspe	ection:						movements	
3. Are records comp		rectly entered	?					N/A
4. Are movement re	cords availab	ole for dead fi	sh and waste?					N/A
5. Are records comp		•						N/A
6. Are health certific	ates for intro	ductions (out	with GB) availa	able?				N/A
Transport Records	5							
1. Are any movemen	nts carried or	ut by (or on be	ehalf) of the bu	isiness (not us	sing a STB)?			
If yes, is there a sys		• `	•	•	,			
Mortality Records								
Mortality records	available for	inspection?						N/A
2. How are mortalities		•						
If other detail:				bed but none h	nave been obs	erved		
3. Mortality records	•	d correctly enf						N/A
4. Recent mortality			None observ	/ed				
5. Evidence of recer		* *						N/A
If yes, facility nos/no	mortality pe	r facility/no sto	ock per facility	/reason:				
6. Any other peaks i	in mortality d	uring period c	hacked?					N/A
If yes, detail:	Il illortanty de	aning period o	Heckeu:					147.
7. Have increased (unexplained)	mortalities be	een reported to	vet or FHI?				N/A
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.

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		

Treatments and Medicines Records							
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							
Biosecurity records available for inspection?	Y						
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y						
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any							
increased (unexplained) mortality at the site been included?	Y						
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease							
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?							
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 hyphandry and higher with managers implemented between each enidemicle size I unit to minimize	V						
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	'						
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y						
aquaculture animals held on site?	•						
8. Have the biosecurity procedures been adequately implemented on site?	Y						
If no, detail:							
Results of Surveillance							
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	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: No records to inspect

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0396 SS0025 Site No: Date of Visit DJT 29/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If 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 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 0 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on 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 within MSS Management 0 2 1 0 Frequency of movements off outwith MSS Management 0 0 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management 0 4 8 0 area **Number of sites** 1 2 or 3 > 4 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment Yes No Disinfection of equipment between sites, use of footbaths etc 0

Total Risk

Case No:	2018-0396			Date of visit:	29/08/2018			
Site No:	SS0025	Inspector: DJT						
Results Summary	Freq.	Date of Notification						
rtoodito Carifficary	1 104.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
					+			
					1			
							l	
Donort Summon		1	1	7				
Report Summary	Dete	la an	and .					
Case Type REG	Date 06/09/2018	Insp	2 nd Insp AJW					
REG	06/09/2016	ו נעם	AJVV	-				
				-				
				-				
				-				
				-				
				-				
	+							
	1							





JG & B MacDonald & Sons Peat Port Badachro Gairloch IV21 2AB

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0016Date of Visit29/08/2018Site NoSS0025Site NameOb Ghorm MhorInspectorDavid TomlinsonCase No20180396

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 as a boat was not available to access the site.

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, however no movements have taken place since the last inspection.

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

No animal health surveillance had been carried out on behalf of the business or by Marine Scotland since the last 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: 06/09/2018

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 11		Issued by: FHI	Date of issue: 12/09/2017			
Case No: 2018-0397			Date of visit: 29/08/2018			
Time spent on site:	1h	Main In	spector: DJT			
Site No: SS0026	Site Name:	Ob Ghorm Beg				
Business No: SB0016	Business Name:	JG & B MacDonald & So	ons			
Case Types: 1 REG	2 3	4 5	6			
Water Temp (°C):	Thermometer No:		FHI 045 completed			
Observations:	Region: HI	Water type: S	CoGP MA:			
Dead/weak/abnormally behaving	g fish present?	If yes, see additiona	al information/clinical score sheet.			
Clinical signs of disease observ	ed?		al information/clinical score sheet.			
Gross pathology observed? If yes, see additional information/clinical score sheet.						
Diagnostic samples taken?						
UNI/REG only - if unable to carry out intended visit detail reason below:						
no boat available						

Planning on cleaning the lines at some point in the future.

Manager plans to use the site for production.

Site is natural settlement only.

Site inspected from the shore.

FHI 059, Version 11			Issu	ıed by: FHI			Date of issu	ıe: 12/09/2017
Case No:	2018-0397		Site No:	SS0026	3			
Date of Visit:		29/08/2018	8		Inspector(s):	DJT		1
Registration/Authoral. Business/site detail. Changes made to	ails summary		site representa	ative?			y n	1
Site Details								
Total No facilities		3	Facilities sto	ocked	3	No facilitie	es inspected	0
Species	MED							
Age group	mix							
No Fish	unknown N/A							
Mean Fish Wt)	(0)			
Next Fallow Date (S	ite)	unknown		Next Input Da	ate (Site)	natural spa	at collection o	only
Recent (last 4 wks) If yes, detail:	disease prob	lems?		N	N Any escapes	s (since last	visit)?	N/A
Movement Record		or increation?						Y
Movement record	is available id	or inspection:					First inspect	
2. Date of last inspe	ection:						movements	
3. Are records comp		rectly entered	?					N/A
4. Are movement re								N/A
5. Are records comp		•						N/A
6. Are health certific	ates for intro	ductions (out	with GB) avail	able?				N/A
Transport Records	5							
			. 10 (1)	. , ,	. 270\0			
1. Are any movement of the second of the sec		• `	,	`	,			
	tem in place	101 IIIaiiilenai	ice or transpor	lation records	'			
Mortality Records								
Mortality records	available for	inspection?						N/A
2. How are mortalities								
If other detail:			opped to sea b	ped.				
3. Mortality records								N/A
4. Recent mortality	(last 4 wks):							
5. Evidence of recer		* *						N/A
If yes, facility nos/no	mortality pe	r facility/no sto	ock per facility	/reason:				
C. Arrivether needs	in an artality d	······································	1- 3-alco al O					NI/A
6. Any other peaks i If yes, detail:	n mortality ut	uring period c	neckeu?					N/A
7. Have increased (unexplained)	mortalities be	een reported to	o vet or FHI?				N/A
If yes, detail action:	• •		70.1.10.1.1.1	, (3, 6, 1				

N/A

8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.

Treatments and Medicines Records						
1. Recent treatments (last 4 wks)?						
If yes, detail:						
If other, detail:						
Medicines records available for inspection?						
3. Are records complete and correctly entered?						
4. Are fish in a withdrawal period?						
5. If yes, what treatment(s)?						
If other, detail:						
6. Are medicines stored appropriately?						
•						
Biosecurity Records						
Biosecurity records available for inspection?	V					
Has the manner and frequency of mortality removal, recording and safe disposal been considered?	V					
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?						
moreacea (anoxidamos) menany at the energeneral	У					
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	у					
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	У					
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	У					
aquaculture animals held on site?						
8. Have the biosecurity procedures been adequately implemented on site?	У					
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).						
you, dottail (ii hot dottailed dilder 1000it dileede problemo).						
Records checked between: No records to inspect						

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0397 SS0026 Site No: Date of Visit DJT 29/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If 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 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 0 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on 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 within MSS Management 0 2 1 0 Frequency of movements off out with MSS Management 0 0 Areas 3 6 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites out with MSS 0 4 8 0 management area **Number of sites** 1 2 or 3 > 4 Biosecurity Sites operating from single shorebase 0 Contacts with other Sites sharing staff and equipment sites Yes No Disinfection of equipment between sites, use of footbaths etc 0

Total Risk

Case No:	2018-0397			Date of visit:	29/08/2018			
Site No:	SS0026	Inspector: DJT						
Results Summary	Freq.			Da	te of Notificat	tion		
,		Database	Insp		Insp	Writing	Insp	2 nd Insp
						1		
D								
Report Summary	_		nd					
Case Type REG	Date	Insp	2 nd Insp					
REG	06/09/2018	DJT	AJW					
		-						
		 						





JG & B MacDonald & Sons Peat Port Badachro Gairloch IV21 2AB

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0016Date of Visit29/08/2018Site NoSS0026Site NameOb Ghorm BegInspectorDavid TomlinsonCase No20180397

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 as a boat was not available to access the site.

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, however no movements have taken place since the last inspection.

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

No animal health surveillance had been carried out on behalf of the business or by Marine Scotland since the last 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: 06/09/2018

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
R10

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017				
Case No: 2018-0402		Date of visit: 27/08/2018				
Time spent on site: 45 mins	Main In	spector: PMM				
Site No: SS0751 Site No SB0432 Susines	ame: Whale Back Skerry ess Name: Eastvoe Shellfish					
Case Types: 1 ECI 2	3 4 5	6				
Water Temp (°C): 12.9 Therm	ometer No:	FHI 045 completed				
Observations: Region	n: SH Water type: S	CoGP MA:				
Dead/weak/abnormally behaving fish pres Clinical signs of disease observed? Gross pathology observed?	N If yes, see additiona					
Diagnostic samples taken?						
UNI/REG only - if unable to carry out intended visit detail reason below:						

Three lines on site for spat collection. Last year spat reported to be very poor, however, this year has been very good, with some sites being excellent. All shells are sold through the SSMG.

No issues reported at this site, not predation issues. Good spat settlement observed on lines.

FHI 059, Version 11			Issu	ued by: FHI			Date of issu	ie: 12/09/2017
Case No:	2018-0402		Site No:	SS0751				
Date of Visit:		27/08/2018	3		Inspector(s):	PMM		1
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	}
Site Details								
Total No facilities		3	Facilities sto	cked	3	No facilitie	es inspected	3
	MED 2018 Spat							
0 0 1	2018 Spat 3 lines							
	3 lines mixed							
Mean Fish Wt		Harvest 2020		Next Input Da	oto (Sito)	Spot colle	ection 2020	
Next Fallow Date (Si	te)	Harvest 2020	3	Next Input Da	ate (Sile)	Spat cone	Ction 2020	
Recent (last 4 wks) of lf yes, detail:	disease probl	ems?		N	Any escapes	s (since last	visit)?	N
Movement Records	5							
1. Movement records		r inspection?						Y
2. Date of last inspec	ction:	·					30/06/2016	
3. Are records comp		•						Y
4. Are movement red								N/A
5. Are records comp		•		11.0				N/A
6. Are health certification		luctions (outw	/ith GB) availa	ible?				N/A
Transport Records								
1. Are any movement If yes, is there a syst								
	em in place i	Of Illalinenan	Ce or transpor	tation records				
Mortality Records								
1. Mortality records a	1. Mortality records available for inspection?							
2. How are mortalitie		•			Other (detail))		
If other detail: Seabed - empty shells								
3. Mortality records of	complete and							Y
4. Recent mortality (I	last 4 wks):		no mortalities	s observed,				
5. Evidence of recen		* *						N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
C. Any other neaks in	- mortality du	ring paried of	tradeod2					l N
6. Any other peaks in If yes, detail:	1 mortality du	ring period or	ieckeu :					1.4
7. Have increased (u	inexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	110.13	J.1. J.	70. 2.				
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add N	IRT case and	enter on morta	ality events	sheet.	N/A

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		
1. Recent treatments (last 4 wks)?		

Treatments and Medicines Records						
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					
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	, 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.)?	V					
7. Is documentation available regarding the measures in place to maintain the physical containment of	1					
aquaculture animals held on site?						
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	1					
ii iio, detaii.						
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: July 2016 to August 2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0402 SS0751 Site No: Date of Visit 27/08/2018 PMM Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If 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 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on 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 within MSS Management 0 2 1 0 Frequency of movements off outwith MSS Management 0 6 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management 0 4 8 0 area Number of sites ≥ 4 1 2 or 3 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment Yes No

Disinfection of equipment between sites, use of footbaths etc

0

Total Risk

MEDIUM

Site No: SS0751 Inspector: PMM Preq: Date of Notification Database Insp Phone Insp Writing Insp 2nd Insp Inspector: PMM Database Insp Phone Insp Writing Insp 2nd Insp Inspector: PMM Case No:	2018-0402			Date of visit:	27/08/2018]			
Results Summary Freq. Date of Notification Database Insp Phone Insp Writing Insp 2 nd Insp Insp Phone Insp Writing Insp 2 nd Insp Insp Insp Insp Insp Insp Insp Insp Insp	Site No:	SS0751	Inspector: PMM						
Database Insp Phone Insp Writing Insp 2 nd Insp Database Insp Phone Insp Writing Insp 2 nd Insp	Results Summary	Fred							
	Results Cultillary	1 104.	Database	Insp				Insp	2 nd Insp
							-		
							-		
	_								
	Report Summary								
Case Type Date Insp 2 nd Insp	Case Type	Date	Insp	2 nd Insp					
ECI 25/10/2018 PMM ALW	ECI	25/10/2018	PMM	ALW					
			 						





Eastvoe Shellfish Sained Eastvoe Scalloway Shetland ZE1 0US

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

27/08/2018 **Business No** SB0432 DATE OF VISIT

SITE NAME CASE NO SITE NO SS0751 Whale Back Skerry

INSPECTOR Paul McKav 20180402

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

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

Date: 25/10/2018

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017			
Case No: 2018-0403			Date of visit: 27/08/2018			
Time spent on site:	5 mins	Main	Inspector: PMM			
Site No: SS0805 Business No: SB0432	Site Name: Business Name:	Whalsies Ayre Eastvoe Shellfish				
Case Types: 1 ECI 2	2 3	4 5	6			
Water Temp (°C): 12.9	Thermometer No:	T153	FHI 045 completed			
Observations:	Region: SH	Water type: S	CoGP MA:			
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed?		N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N/A				
Diagnostic samples taken?						
UNI/REG only - if unable to carry	out intended visit detai	l reason below:				

Seven lines on site, one line is ready to harvest. However, area currently closed due to toxin results, last harvest was reported to have been June 2018. The remaing six lines on site for spat collection. Last year spat reported to be very poor, however, this year has been very good. All shells are sold through the SSMG.

No issues reported at this site, some predation from eider ducks, although not reported to have been as heavy predation this year. Good spat settlement observed on lines.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	ıe: 12/09/2017
Case No:	2018-0403		Site No:	SS0805	j			
Date of Visit:		27/08/2018	3		Inspector(s):	PMM		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	}
Site Details								
Total No facilities		7	Facilities sto	cked	7	No facilitie	es inspected	7
	MED	MED						
0 0 1	2018 Spat	2016						
No Fish	6 lines	1 lines						
Mean Fish Wt	mixed	mixed						
Next Fallow Date (Si	ite)	Never fallow		Next Input Da	ate (Site)	2018 Spat	t collection	
Recent (last 4 wks) of If yes, detail:	disease probl	lems?		N	Any escapes	s (since last	visit)?	N
Movement Records	e e							
Movement records		or inspection?						Y
2. Date of last inspec		Породил					30/06/2016	
3. Are records comp		ectly entered?	?					Y
4. Are movement red	cords availab	ole for dead fis	sh and waste?					N/A
5. Are records comp		•						N/A
6. Are health certification	ates for introd	ductions (outw	vith GB) availa	able?				N/A
Transport Records								
1. Are any movement If yes, is there a syst					-			
Mortality Records								
Mortality records a	available for i	inspection?						Y
2. How are mortalities		•			Other (detail))		
If other detail:	Seabed - em	mpty shells						
3. Mortality records of	complete and							Y
4. Recent mortality ((last 4 wks):		no mortalities	s observed,				
5. Evidence of recent increased/atypical mortalities?							N	
If yes, facility nos/no	mortality per	facility/no sto	ock per facility/	/reason:				
6. Any other peaks in	n mortality du	ring period cl	necked?					N
If yes, detail:	Tillorianty	Ting pones :	iconcu.					
7. Have increased (u	unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:	. ,		·					
8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.								N/A

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		

Treatments and Medicines Records	
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	
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
	V
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	V
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	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	

Records checked between:

July 2016 to August 2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0403 SS0805 Site No: Date of Visit PMM 27/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If 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 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on 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 within MSS Management 0 2 1 0 Frequency of movements off outwith MSS Management 0 0 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management 0 4 8 0 area **Number of sites** ≥ 4 1 2 or 3 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment Yes

Disinfection of equipment between sites, use of footbaths etc

No

MEDIUM

0

Total Risk

Case No:	2018-0403			Date of visit:	27/08/2018			
Site No:	SS0805	Inspector: PMM						
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Danast Communication				1				
Report Summary			nd					
Case Type	Date	Insp	2 nd Insp					
ECI	25/10/2018	PMM	ALW					





Eastvoe Shellfish Sained Eastvoe Scalloway Shetland ZE1 0US

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0432Date of Visit27/08/2018Site NoSS0805Site NameWhalsies AyreInspectorPaul McKayCase No20180403

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: Date: 25/10/2018

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

FHI 059, Version 11	I	ssued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0404			Date of visit: 27/08/2018
Time spent on site: 4	5 mins	Main In	spector: PMM
Site No: SS0878 Business No: SB0432	Site Name: Business Name:	Kallee Ness Eastvoe Shellfish	
D0011030 110.	Dasiness Name.	Editive Chemion	
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C): 12.9	Thermometer No:	T153	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed?	· · · · · · · · · · · · · · · · · · ·	N If yes, see additional N If yes, see additional	al information/clinical score sheet. al information/clinical score sheet. al information/clinical score sheet.
Diagnostic samples taken?		N/A	
UNI/REG only - if unable to carry	out intended visit detail	reason below:	

Additional Case Information:

Six lines on site, 3 lines are 2018 spat settlement and the remaining 3 lines are 2016 settlement that are ready to harvest, it was reported that there was only good growth on top metre of lines. All shells sold through the SSMG. No issues reported at this site, some predation from eider ducks, although not reported to have been as heavy predation this year. Good spat settlement observed on lines.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0404		Site No:	SS0878				
Date of Visit:		27/08/2018	1		Inspector(s):	PMM]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		te representa	tive?			Y N	
Site Details								
Total No facilities		6	Facilities sto	cked	6	No facilitie	s inspected	6
Species	MED	MED						
Age group	2018 Spat	2016						
No Fish	3 lines	3 lines						
Mean Fish Wt	mixed	mixed						
Next Fallow Date (S	ite)	Never fallow		Next Input Da	ite (Site)	2018 Spat	collection	
Recent (last 4 wks)	disease prob	ems?		N	Any escapes	(since last	visit)?	N
Movement Records	s							
Movement record		r inspection?						Y
2. Date of last inspe							30/06/2016	
3. Are records comp		ectly entered?						Y
4. Are movement re	cords availab	le for dead fis	h and waste?					N/A
5. Are records comp	olete and corr	ectly entered?						N/A
6. Are health certific	ates for intro	ductions (outw	ith GB) availa	ıble?				N/A
Transport Records	•							
1. Are any movement of yes, is there a system is there a system is the system.		• •	•	•				
Mortality Records								
	ovojloblo for i	nanaatian?						Y
 Mortality records a How are mortalities 		•			Other (detail)	\		'
If other detail:	Seabed - en				Other (detail))		
3. Mortality records			ered?					Y
4. Recent mortality (•	•	no mortalities	s observed.				
5. Evidence of recent increased/atypical mortalities?							N	
If yes, facility nos/no mortality per facility/no stock per facility/reason:								
6. Any other peaks in mortality during period checked?								N
If yes, detail:								N1/A
7. Have increased (unexplained) mortalities been reported to vet or FHI? N/A If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	RT case and e	enter on morts	ality events s	sheet.	N/A
mortality ov	2		, add IVI	cacc and c		, 5.01110		

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		
1. Recent treatments (last 4 wks)?		
lf detail.		

Treatments and Medicines Records		
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	_	
Biosecurity records available for inspection?		Y
2. Has the manner and frequency of mortality removal, recording and safe disposal be	en considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterin	ary 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 p	resence of a listed disease	Y
is detected been included and how and when that will be notified to Scottish Ministers	s?	
5. Has the health status of aquaculture animals being stocked on the farm site been c	overed (equal or higher	Y
health status, certification if required)?		
6. Have the husbandry and biosecurity measures implemented between each epidem	iological 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	al 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 busines	ss?	N
2. If yes, are results available for inspection?		
3. Any significant results?		
If yes, detail (if not detailed under recent disease problems).		
y = -, as		

Records checked between: July 2016 to August 2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0404 SS0878 Site No: Date of Visit PMM 27/08/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If 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 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on 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 within MSS Management 0 2 1 0 Frequency of movements off outwith MSS Management 0 0 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management 0 4 8 0 area Number of sites ≥ 4 1 2 or 3 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment Yes

Disinfection of equipment between sites, use of footbaths etc

No

MEDIUM

0

Total Risk

Case No:	2018-0404	Date of visit: 27/08/2018						
Site No:	SS0878	Inspector: PMM						
Results Summary	Freq.			Da	te of Notifica	tion		
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Danast Commons								
Report Summary	Dete	la a a	and .					
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Eastvoe Shellfish Sained Eastvoe Scalloway Shetland ZE1 0US

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0432Date of Visit27/08/2018Site NoSS0878Site NameKallee NessInspectorPaul McKayCase No20180404

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: Date: 25/10/2018

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

FHI 059, Version 11	Is	ssued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0405			Date of visit: 28/08/2018
Time spent on site:	3 hrs	Main In:	spector: PMM
Site No: FS0433 Business No: FB0440	Site Name: Business Name:	Langa Isle (East) Grieg Seafood Shetland	Ltd
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 12.6	Thermometer No:	T153	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA: S-11
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additiona	al information/clinical score sheet. al information/clinical score sheet. al information/clinical score sheet.
UNI/REG only - if unable to care	ry out intended visit detail	reason below:	

Additional Case Information:

All stocked cages have 5m sea lice skirts installed, aeriation also installed in all cages, diffusers at four points in every cage. All cages fed and monitored from shorebase and were deeper in the water. Fish for VMD were caught using a box net, all fish sampled appeared healthy and in good condition.

Daily water samples are taken and processed at lab in Lerwick, site had reported some bleeding in gills during lice counts/gill checks. This has not been attributed to a cause yet and to be investigated. No dead, moribund or lethargic fish observed at time of inspection.

Sea lice levels very low so far this cycle, a SLICE treatment was conducted beginning 24/07. A large number of wild fish were observed outside cages, these have reportedly increased in recent weeks.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0405		Site No:	FS0433				
Date of Visit:		28/08/2018	3		Inspector(s):	PMM]
Registration/Authorisation Details 1. Business/site details summary checked by site representative? 2. Changes made to details? N								
Site Details								
Total No facilities Species	SAL	10	Facilities sto	cked	9	No facilitie	s inspected	10
Age group No Fish	2018 S1 357,637							
Mean Fish Wt	814g							
Next Fallow Date (Si	ite)	Sept 2019		Next Input Da	ite (Site)	2020 S1 in	put	
Recent (last 4 wks) of If yes, detail:	disease probl	ems?		N	Any escapes	(since last	visit)?	N
Movement Records								
1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 30/05/2017 Note: Transport Records								Y Y Y N/A
1. Are any movement of yes, is there a syst		• •		· ·	•			Y
Mortality Records								
 Mortality records a How are mortalities other detail: 	es disposed o	f?			Whole fish -	TWMA (She	etland)	Y
3. Mortality records complete and correctly entered? Y 31/7 - 1,762 for site, 06/08 - 2,118 for site, 13/08 - 847 for site, 20/08 - 938 for								
4. Recent mortality (last 4 wks): site all attributed to failed smolts / poor performers.								
5. Evidence of recent increased/atypical mortalities? If yes, facility nos/no mortality per facility/no stock per facility/reason:							N	
C. Amazanthan	a ma a stalit							NI NI
6. Any other peaks in If yes, detail:	n mortality du	ring period ch	necked?					N
7. Have increased (unexplained) mortalities been reported to vet or FHI?							N/A	
If yes, detail action: 8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.							N/A	

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	Y
If yes, detail: T.M.S., Slice	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	•
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site? 8. Have the biosecurity procedures been adequately implemented on site?	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:

June 2017 to 28/08/18

Г	ni 059, version i i						155	sueu by. I	ГП			
	Case no:	2018-04	105	Site No:	FS0433			Date of Samplin		28/0	08/2018	28/0
	Priority samples:	VI		ВА	PA		MG		g. HI			
	Time sampling starts/ends:	14:0	0:00			Inspecto	or:	PMM		VMD No	o. [12
	Environmental conditions:	1	Indoors	2	3		4		5			
	Summary samples	HIST		ВА	MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click											
Г	Pool/Fish No											
	Fish nos	1-2	3-4	5-6								
	Pool Group											
	Species	SAL	SAL	SAL								
	Average weight	0.8000	0.8000	0.8000								
	Sex											
	Water Type	SW	SW	SW								
		ery	ery	ery								
		단	ţ	tch								
o lie		Ha.	Ha.	Ha								
Details		ta	ā	ta								
\ \	Cta als Osiais	Girlsta Hatchery	Girlsta Hatchery	Girlsta Hatchery								
Stock	Stock Origin											
Ċ,	Facility No	1	3	5								

THE COO, VOICION THE												
Additional Sample Information:												
0		Total To	ests ass	igned	0	l						
												•

FHI 059, Version 11		Issued by: FHI			Date of	of issue	: 12/09/2017
Case Number:	2018-0405		Site No:	FS0433		Insp:	PMM
Date of Visit	28/08/2018		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or		0	40	00	
species	compartment in Number of supp	cluding third country	0		18 10	26 14	0
Movements off	Frequency of m		0		6	10	10
Exposure via water	Number of dest	Site contacts			6-10	10	3
Water contacts with other	Farm is protect	ed (secure water supply through	1	1-5	0-10		
farms (holding species	disinfection or b	porehole)	0				0
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		4
	farms upstream	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		1
On farm processing within the rules of the directive	No on farm pro		0]			0
	Processing owr	n fish (re-cycling risk)	1				0
	Processing fish	from MS of equivalent status	2				0
	Processing fish equivalent statu	from zone or compartment of	4				0
		from Category III farm	8				0
		from Category V farm	10				0
Disposal of fish and fish by-	Site's own wast	e only processed.	0				0
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				0
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	1			0
·	Feeding unpast	<u>.</u>	5				0
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2
	Sites sharing st	aff and equipment	0	1	2		2
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
					Total		28
					Rank		HIGH

Coop No.	2040 0405		CH	ta Nia.	EC0400		
Case No:	2018-0405		Sit	te No:	FS0433	J	
Sea Lice Inspection (Seawater Sites Only)						
•	nced sea lice problems	in the previous 4 years	?				Υ
2. Is the CoGP Farm M	Management Area (or eq	uivalent) fallowed syn	chronously on a	single ye	ear class basis?		Υ
azamethiphos and ema can these be deployed	access to a range of lice amectin benzoate) as w I in a reasonable period cumented farm manage	rell as access to suitab of time?	ole biological and	d/or mech	nanical control meas		Y
Management Area (or		ment agreement or sta	alement relevant	to the sit	te and Code Fami		T
5. Are sea lice count re	ecords available for insp	ection? (Legal SSI, Co	GP Annex 6)				Υ
6. Do records adequate	ely reflect the required s	tandard specified in th	e SSI and the C	oGP? (Le	egal SSI, CoGP Anr	nex 6)	Υ
7. Are sea lice (<i>L. salm</i> records are inspected?	nonis) record levels belo (CoGP Annex 6)	w the suggested criter	ria for treatment	in the Co	GP during the perio	od that	N
8. Have average adult records are inspected?	female sea lice (<i>L. salm</i>	onis) numbers per fish	n been at a level	of 3 or a	bove during the per	riod that	Υ
If yes, have these beer	n reported to the Fish He	ealth Inspectorate? If n	io, FHI see comr	ment.			Υ
9. Is <i>C. elongatus</i> infe	station at a level which is	s considered to cause	significant welfa	re proble	ems? (CoGP 4.3.81,	5.3.50)	N
	reatments been administreatment or where <i>C. ele</i>						Υ
11. Has any other action	on been taken (where ap	oplicable)?					N
•	reatments or the actions		nt impact upon th	ne lice lev	vels recorded?		Υ
•	ere conducted, carried of	•					Υ
	ng strategy for the site, w	·	•	~		ent for	Y
	rific written lice manager scalation of a sea lice in		aypoints describ	ing set a	ctions to deal with re	ecognised	Υ
16. Does the stock on reasons.	site appear satisfactory	in relation to sea lice le	evel and sea lice	count da	ata? If no please de	tail	Υ
Containment Inspecti	ion						
•	nced equipment damage	e due to predators in the	ne current or pre	vious pro	oduction cycles?		N
•	ce to mitigate against th	·	•	-	•		Υ
	ts (below), Tensioned		`	,			
If other, detail below:							
,							
3. Have escape incide	ents or events been expe	erienced on or in the vi	cinity of the site	since the	last FHI inspection	1?	N
If Yes proceed with que	estions 4 – 9. If No skip	to question 10					
4. Have these been rep	ported to Scottish Minist	ers?					
5. Have these been rep	ported to local DSFB for	thwith (where they exis	st)? (CoGP – 4.4	4.37, 5.4.	.17)		
6. Have these been rep	ported to the SSPO and	local fisheries trusts for	orthwith (where t	hey exist)? (CoGP – 4.4.37,	5.4.17)	
7. Were methods (if an	ny) used to recover esca	pees? If yes give deta	il				
8. If gill nets were depl Ministers? (Legal, CoG	oyed was this action agr	reed with local wild fish	n interests and w	as permi	ssion given by Scot	tish	
		nice the rick of further	pecanos? (Not a	overed in	code but could		
	en to prevent and minim		escapes? (NOLC	overeu In	T COde Dat Codia		
	r satisfactory measure	, and the second	If no places de	tail rasss	nn(s)		Υ
To. Is the site inspecte	d as satisfactory with re	yarus to containment?	ii no, piease de	taii Teaso) (S)		1

Issued by: FHI

Date of issue: 12/09/2017

FHI 059, Version 11

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0405	Site No: FS0433	
Date of Visit: 28/08/201	8 Inspector: PMM	
Point of Compliance		
1. Is the farm under inspection located	d within a farm management area?	Υ
If N, no further questions require comp	oletion.	
Points of Compliance for Both Farm	n Management Agreements and Statements	
3. Is the current FMAg/S available for4. Does the FMAg/S identify the relevant5. Does the FMAg/S identify the fish factorial	ant farm management area? arm site(s) to which it applies? of commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health Mana	gement	
8. Does the FMAg/S identify the minim farm?	num health standards for the stocks to be introd	luced to the area or Y
10. Does the FMAg/S identify the special. Does the FMAg/S identify the max individual farm?	nation requirements for stocks held in the area cies of fish which may be stocked into the area cimum stocking density of any pen on any farm	or farm? in the area or the
12. Does the FMAg/S identify the arrai fish farm in the area or the individual t	ngements for the storage and disposal of any d farm?	ead fish from any Y
Arrangements for The Management	of Sea Lice	
13. Does the FMAg/S identify arrange	ments for the sharing of data on sea lice number	ers and treatments?
14. Does the FMAg/S identify the avail of statement?	lability and the use of medicines on farms cover	
15. Does the FMAg/S identify any require on farms in the area or individual f	uirements for the sensitivity testing of available	treatments for sea Y
	umstances under which biological controls and	cleaner fish are to be Y
	ngements for synchronous treatments on farms	s within the area?
Live Fish Movements		
18. Does the FMAg/S identify the circuarea or farm?	umstances when live fish may be introduced or	
19. Does the FMAg/S identify the array or individual farms?	ngements for the movement of live fish on and	off sites in the area

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Harvesting		
20. Does the FMAg/S identify acceptable	le harvest practices on farms in the area or individ	dual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be restoo	by which the area or individual farm will be fallow cked?	and the earliest Y
22. Does the FMAg/S identify whether cagreement or statement?	one or more year classes may be stocked onto sit	res covered by the Y
23. Does the FMAg/S identify whether be covered by the agreement or statement	proodstock or potential broodstock are to be kept or?	on any site Y
Point of Compliance for Farm Manag	ement Agreements Only	
24. Does the farm management agreen parties to the agreement?	nent include arrangements for persons to become	e, or cease to be,
Management and operation		
25. Is the fish farm being managed and	operated in accordance with the agreement or st	tatement?
26. What is the version no/date of issue	e of the FMAg/S?	

Case No:	2018-0405			Date of visit:	28/08/2018			
Site No:	FS0433	1		Inspector:	PMM]		
Results Summary	Freq.			Da	te of Notifica	tion		
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Report Summary				1				
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Case Type ECI, CNI, SLI, VMD	11/12/2018	PMM	JET					
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				1				





Grieg Seafood Shetland Ltd Gremista Lerwick Shetland ZE1 OPX

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0440Date of Visit28/08/2018Site NoFS0433Site NameLanga Isle (East)InspectorPaul McKayCase No20180405

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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 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.

Fish Health Inspector

Signed:

Date: 11/12/2018

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 11	Issi	ued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0406			Date of visit: 28/08/2018
Time spent on site:	3.5 hrs	Main Inspec	etor: PMM
Site No: FS0515 Business No: FB0440	Site Name: Business Name:	North Papa Grieg Seafood Shetland Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 12.4	Thermometer No:	T153	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA: S-11
Dead/weak/abnormally behavir Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	· ·	N If yes, see additional inf	formation/clinical score sheet. formation/clinical score sheet. formation/clinical score sheet.
UNI/REG only - if unable to car	ry out intended visit detail re	ason below:	

Additional Case Information:

Mortalities also to Shetland Waste to Energy plant as well as TWMA. Waste to energy plant has limited capacity. All cages fitted with sea lice skirts and aeration. Multiple inputs on site, 2017 S0 moved from Taing of Railsborough and 2018 S1 from Girlsta, Torridon Smolts and Migdale Smolts. Two dead observed across site, not fresh dead, therefore not sampled. Site reported that there had been some bleeding from the gills observed during sea lice counts/gill checks, however, this has not been attributed to cause of mortalities. Company vet was due to visit site 29/08. Fish sampled for VMD appeared in good condition.

Freshwater treatment conducted to treat gills at beginning of August

Daily water samples are taken and processed at main office in Lerwick, no issues reported. Trialling ROV for mortality collection, had previously been trialled in Setterness. This was reported to be working well.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	ie: 12/09/2017	
Case No:	2018-0406		Site No:	FS0515					
Date of Visit:		28/08/2018			Inspector(s):	РММ]	
Registration/Authorisation Details 1. Business/site details summary checked by site representative? 2. Changes made to details?									
Site Details									
Total No facilities		10	Facilities stoc	cked	8	No facilities	s inspected	10	
		SAL	LUM				,,,,,		
·			2017						
No Fish	~112,000	~182,000	~45,000						
Mean Fish Wt			Mixed						
Next Fallow Date (Si		Sept 2019		Next Input Dat	te (Site)	2020 S1 in	put		
	,				1		7		
Recent (last 4 wks) of lf yes, detail:	disease probl	ems?		N	Any escapes	(since last v	/isit)?	N	
Movement Records									
		iranaction?						Y	
 Movement records Date of last inspect 		r inspection:					04/04/2017		
3. Are records complete.		ectly entered?	,				04/04/2011	N	
4. Are movement red		•						Y	
5. Are records comp								Υ	
6. Are health certification		•		ble?				N/A	
Transport Records									
1. Are any movement If yes, is there a systematical and the statement of the system of				•				Y	
Mortality Records									
Mortality records a	available for i	nspection?						Y	
2. How are mortalitie		•			Whole fish - T	TWMA (She	etland)		
If other detail:									
3. Mortality records of	complete and							Y	
			06/08 - 716 fo 13/08 - 887 fo	for site (397 attı for site (441 attı for site (749 attı 7 for site (785 a	tributed to faile tributed to faile	ed smolts & 2 ed smolts & 1	275 to physic 138 to physic	cal damage), cal damage),	
4. Recent mortality (I	ast 4 wks):		damage						
5. Evidence of recen		* *						N	
If yes, facility nos/no	mortality per	facility/no sto	ck per facility/	reason:					
								V	
6. Any other peaks in				15.21				Y	
			•	aing of Railsbor	_	n water treatr	ment was be	ing	
7. Have increased (u				cause mortalitie	es.			Y	
If yes, detail action:			-						
•	f yes, detail action: See above no further action B. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet. N/A								

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	Y
If yes, detail: T.M.S., Slice	
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	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site? 8. Have the biosecurity procedures been adequately implemented on site?	V
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:

April 2017 to August 2018

•	ni 059, version i i							153	sueu by.				
	Case no:	2018-04	106	Site No:		FS0515			Date of Samplin		28/	08/2018	28/0
	Priority samples:	VI		ВА		PA		MG		ig. HI			
	Time sampling starts/ends: Environmental conditions:		0:00 Indoors	14:0	0:00	3	Inspecto	or: 4	PMM	5	VMD No	o.	13
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
Δ	add Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2	3									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	2.7kg	2.7kg	2.7kg									
	Sex												
	Water Type	SW	SW	SW									
Stock Details		Taing of Railsborough	Taing of Railsborough	A Taing of Railsborough									

THE COO, VOICION TH								100000 by. 1 1 11						
Additional Sample Information:														
0	-	Γotal Τ∈	ests ass	igned	0	l								

FHI 059, Version 11		Issued by: FHI			Date of	of issue	: 12/09/2017
Case Number:	2018-0406		Site No:	FS0515		Insp:	PMM
Date of Visit	28/08/2018		No of m	ovements/s	supp./dest.		Score
Live fish movements			C	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	C	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone of		9	18	26	0
.,	Number of supp	cluding third country			10	14	0
Movements off	Frequency of m			3	6	10	10
Movements on	Number of dest		C		6	10	3
Exposure via water		Site contact	ts 0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or b	•	C				0
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		4
	farms upstream	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 n or within 1 tidal excursion	1	4	8		0
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent water	rs C	1	2		1
On farm processing within the rules of the directive	No on farm pro		C				0
	Processing owr	n fish (re-cycling risk)	1				0
		from MS of equivalent status	2				0
	Processing fish equivalent statu	from zone or compartment of	Δ				0
		from Category III farm	8				0
		from Category V farm	10	4			0
Disposal of fish and fish by-	Site's own wast	e only processed.	С				0
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				0
Use of unpasteurised feeds	No feeding of u	npasteurised feed	C	<u>-</u> 1			0
·	Feeding unpast	teurised feed	5				0
Biosecurity		Number of site	s 1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	C	1	2		2
	Sites sharing st	aff and equipment	C	1	2		2
Disinfection of equipment	Yes			j			0
between sites, use of footbaths etc	No		1				1
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		C				0
code of practice	No		3				3
Platform access to cages	Yes		C				0
	No		2	1			0
					Total Rank		29 HIGH

						=	
Case No:	2018-0406		Site	No:	FS0515		
	(Seawater Sites Only) enced sea lice problems	in the previous 1 years	:2				V
	Management Area (or ed	•		inale va	par class basis?		' V
	access to a range of lice		-				' '
azamethiphos and em can these be deployed	amectin benzoate) as v d in a reasonable period cumented farm manage	well as access to suitable of time?	ole biological and/o	or mech	nanical control measu	ires, and	Υ
•	ecords available for insp	pection? (Legal SSI, Co	GP Annex 6)				Υ
	ely reflect the required	` •	•	GP? (Le	egal SSI, CoGP Anne	ex 6)	Υ
7. Are sea lice (<i>L. saln</i> records are inspected	nonis) record levels below (CoGP Annex 6)	ow the suggested criter	ria for treatment in	the Co	oGP during the period	l that	Υ
8. Have average adult records are inspected	female sea lice (<i>L. saln</i> ?	nonis) numbers per fish	n been at a level of	f 3 or a	above during the perio	od that	N
f yes, have these bee	n reported to the Fish H	lealth Inspectorate? If n	o, FHI see comme	ent.			N/A
9. Is <i>C. elongatus</i> infe	station at a level which	is considered to cause	significant welfare	proble	ems? (CoGP 4.3.81, 5	5.3.50)	N
	reatments been administreatment or where C. e						N/A
11. Has any other acti	on been taken (where a	pplicable)?				l l	N/A
•	reatments or the actions		nt impact upon the	lice lev	vels recorded?		Υ
•	nere conducted, carried	_					Υ
	ng strategy for the site,	·	•			nt for	Y
	cific written lice manage scalation of a sea lice in	-	aypoints describing	g set a	ctions to deal with red	cognised	Υ
16. Does the stock on reasons.	site appear satisfactory	in relation to sea lice lo	evel and sea lice o	ount d	ata? If no please deta	ail	Υ
Containment Inspect	ion						
•	enced equipment damag	ge due to predators in th	ne current or previ	ous pro	oduction cycles?		N
	ace to mitigate against the						Υ
Top Net, Tensioned	nets, predator nets, N	Л.M.L.	•				
If other, detail below	•						
,							
3. Have escape incide	ents or events been exp	erienced on or in the vi	cinity of the site si	nce the	e last FHI inspection?		N
	estions 4 – 9. If No skip ported to Scottish Minis	•					
	ported to Cootaon Name	.0.0					
	ported to local DSFB fo	•			·		
6. Have these been re	ported to the SSPO and	d local fisheries trusts fo	orthwith (where the	ey exist	t)? (CoGP – 4.4.37, 5	.4.17)	
7. Were methods (if ar	ny) used to recover esca	apees? If yes give deta	il				
8. If gill nets were dep	loyed was this action ag	reed with local wild fish	n interests and was	s permi	ission given by Scotti	sh	
Ministers? (Legal, Co		,		, =			
9. What action was tal	ken to prevent and minir	mise the risk of further	escapes? (Not cov	ered ir	n code but could		
be considered unde	er satisfactory measur	es of the Act)					
10. Is the site inspecte	ed as satisfactory with re	egards to containment?	If no, please deta	il reasc	on(s)		Υ

Issued by: FHI

Date of issue: 12/09/2017

FHI 059, Version 11

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0406	Site No: FS0515	
Date of Visit: 28/08/2018	Inspector: PMM	
Point of Compliance		
1. Is the farm under inspection located will If N, no further questions require complete	· · · · · · · · · · · · · · · · · · ·	Y
Points of Compliance for Both Farm M	lanagement Agreements and Statements	
 3. Is the current FMAg/S available for ins 4. Does the FMAg/S identify the relevant 5. Does the FMAg/S identify the fish farm 6. Does the FMAg/S identify the date of company 7. Does the FMAg/S identify the date of relevant 	farm management area? I site(s) to which it applies? Commencement of the agreement or statement	Y Y Y
Arrangements for Fish Health Manage		
8. Does the FMAg/S identify the minimum farm?	n health standards for the stocks to be introc	duced to the area or Y
10. Does the FMAg/S identify the species	ion requirements for stocks held in the area s of fish which may be stocked into the area um stocking density of any pen on any farm	or farm?
	ements for the storage and disposal of any dn?	lead fish from any
Arrangements for The Management of	Sea Lice	
13. Does the FMAg/S identify arrangeme	nts for the sharing of data on sea lice number	ers and treatments?
14. Does the FMAg/S identify the availab of statement?	ility and the use of medicines on farms cove	red by the agreement Y
	ements for the sensitivity testing of available	treatments for sea Y
	stances under which biological controls and	cleaner fish are to be Y s within the area? Y
	ements for synchronous treatments on farms	s within the area?
Live Fish Movements		
18. Does the FMAg/S identify the circums area or farm?	stances when live fish may be introduced or	
19. Does the FMAg/S identify the arrange or individual farms?	ements for the movement of live fish on and	off sites in the area

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Harvesting		
20. Does the FMAg/S identify acceptab	le harvest practices on farms in the area or individ	dual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be resto	by which the area or individual farm will be fallow cked?	and the earliest Y
22. Does the FMAg/S identify whether of agreement or statement?	one or more year classes may be stocked onto sit	es covered by the Y
23. Does the FMAg/S identify whether be covered by the agreement or statement	broodstock or potential broodstock are to be kept of the transfer of the trans	on any site Y
Point of Compliance for Farm Manag	gement Agreements Only	
24. Does the farm management agreer parties to the agreement?	ment include arrangements for persons to become	e, or cease to be,
Management and operation		
25. Is the fish farm being managed and	d operated in accordance with the agreement or st	ratement?
26. What is the version no/date of issue	e of the FMAg/S? Feb-18	

Site No: FS0515

Case No: 2018-0406

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0406			Date of visit:	28/08/2018						
Site No:	FS0515			Inspector: PMM							
Results Summary	Freq.	l		Date of Notification							
,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
	1			+				-			
				1							
				†							
	1			i							
Report Summary											
Case Type	Date	Insp	2 nd Insp								
Case Type ECI,CNI, SLI, VMD	25/10/2018	PMM	ALW								
	ļ										





Grieg Seafood Shetland Ltd Gremista Lerwick Shetland ZE1 OPX

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0440Date of Visit28/08/2018Site NoFS0515Site NameNorth PapaInspectorPaul McKayCase No20180406

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 found to be inadequately maintained.

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

Mortality records were inspected and found to be adequately maintained.

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

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.

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

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

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: 25/10/2018

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

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0408			Date of visit: 29/08/2018
Time spent on site:	7 hrs	Main	Inspector: PMM
Site No: FS1027 Business No: FB0440	Site Name: Business Name:	Linga (Setterness) Grieg Seafood Shetlar	nd Ltd
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 12.7	Thermometer No:	T153	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA: S-4
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	· .	N If yes, see addition	onal information/clinical score sheet. onal information/clinical score sheet. onal information/clinical score sheet.
UNI/REG only - if unable to car	ry out intended visit detail	I reason below:	

Additional Case Information:

Site to use both live and dead haul for harvesting, with all fish going directly to LFT. Two harvests conducted in last week. Site was due to fallow by October 2018 and will be stocking in Jan 2019 with fish from Taing of Railsborough. All cages stocked with lumpfish from Ocean Matters, Anglesey. All lumpfish vaccinated with vaccine developed with Ridgeway vaccines. Sea lice numbers have recently increased over the reporting level of 3, a salmosan treatment was planned, however following the developing issue with increasing mortalities attributed to CMS on site and veterinary advice, it was reported that the salmosan treatment will only be conducted on cages 9 & 10 where the mortality numbers are still low and cages are not presenting the problems observed in the other stock. A decision has been made to reduce biomass, targetting the worst affected cages first (cages 6 & 7) and to be conducted by dead haul (~18,000 per day) to maximise efficiency of the harvests. Salmosan treatment is scheduled to begin 29/08 using the Ronja Commander, which was conducting treatments at Setterness North (Bomlo).

Divers were on site at time of inspection conducting mortality removal using an uplift system, divers had conducted initial dives earlier in the day to estimate mortalities and it had been reported that high numbers were expected from cages 6 & 7, these cages were to be done last. Fish are fed and monitored from shorebase, feeding begins at 7am and fish were deeper in the water during inspection. No moribund observed at time of inspection, 10 dead (not fresh dead) were observed and removed by site staff. Visibility was excellent at times during inspection and some lethargic fish could be observed deeper in the water sitting in to the tide. Site staff had actively been removing moribund fish during daily checks. Three fish collected for VMD sampling, fish appeared healthy externally.

A fresh water treatment was conducted 21/05 to 31/05 and was reported to have given excellent clearance.

Operator has a cage/tarp in Swining Voe for freshwater collection, however, since installation there has been very little rain, so freshwater used for treatments has been coming from the collection point in Copister.

FHI 059, Version 11			Issue	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0408]	Site No:	FS1027]			
Date of Visit:		29/08/2018			Inspector(s):	PMM]
Registration/Authoral Business/site deta 2. Changes made to Site Details	ils summary		ite representa	tive?			Y N	l
Total No facilities		10		ماده ما	0	Na facilitia	a :	10
Total No facilities Species	SAL	10 LUM	Facilities sto	скеа	9	No facilitie	s inspected	10
·	2017 S1	2017						
Age group No Fish	~417,000	~68,000						
	4.1kg	~66,000 Mixed						
Wicari i iori vvi	<u> </u>				(Git)	2212 21		
Next Fallow Date (Si	te)	Oct 2018		Next Input Da	ite (Site)	2019 S1		
Recent (last 4 wks) of the second (last 4 wks) o	disease probl	ems?		N	Any escapes	(since last	visit)?	N
Movement Records								
1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available?								
Transport Records								
1. Are any movemen If yes, is there a syst								Y
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalitie	s disposed o	f?			Whole fish -	TWMA (She	etland)	
If other detail:								
3. Mortality records of	complete and	correctly enter						Y
Salmon -31/7 - 1,166 for site (poor doers and physical damage), 06/08 for site (612 to physical damage and poor doers, 467 to CMS), 13/08 - for site (2,045 poor doers and physical damage, 1,982 to CMS), 20/08 for site (667 to poor doers and physical damage, 2,685 to CMS). Lump single to low double figures per cage per week attributed to physical damage 4. Recent mortality (last 4 wks):								/08 - 4,027 0/08 - 3,352 Lumpfish -
5. Evidence of recent increased/atypical mortalities?								Y
If yes, facility nos/no mortality per facility/no stock per facility/reason:								
See question 4								
6. Any other peaks in	•	• •						Y
		0 for site post						
7. Have increased (u	inexplained)		•		ffootod socs	oro to bair	n homicatad	Y
If yes, detail action: CMS recently diagnosed on site, worst affected cages are to being harvested. 8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.							N/A	

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Treatments and Medicines Records		
1. Recent treatments (last 4 wks)?		Υ

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	Y
If yes, detail: TMS	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	V
increased (unexplained) mortality at the site been included?	Ť
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?	Υ
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	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?	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?	Υ
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: June 2017 to August 2018

•	ni 059, version i i							153	sueu by.				
	Case no:	2018-04	108	Site No:		FS1027			Date of Sampling		29/0	08/2018	29/0
	Priority samples:	VI		ВА		PA		MG	-	HI			
	Time sampling starts/ends: Environmental conditions:		0:00 Indoors		5:00	 3	Inspecto	or: 4	PMM] 5	VMD No	o. 	13
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
Α	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2	3									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	4.1kg	4.1kg	4.1kg									
	Sex	N/A	N/A	N/A									
	Water Type	SW	SW	SW									
Stock Details		∞ Girlsta Hatchery	Landcatch Ormsary Smolt Unit	D Landcatch Ormsary Smolt Unit									

	111 000, 1010101111												
D8/2018 Additional Sample Information:													
0	0 Total Tests assigned 0												

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017
Case Number:	2018-0408		Site No:	FS1027		Insp:	PMM
Date of Visit	29/08/2018		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0		40	00	
эресіез	compartment in Number of supp	ncluding third country	0		18 10	26 14	0
Movements off	Frequency of m		0			10	10
Exposure via water	Number of desi	Site contacts	_			10	3
Water contacts with other	Farm is protect	ed (secure water supply through	, <u> </u>	I -3	0-10		
farms (holding species	disinfection or b		0				0
susceptible to same		or in a coastal zone with category I	1	0	4		
diseases)		or within 1 tidal excursion or in a coastal zone with category III	1	2	4		4
		or within 1 tidal excursion	1	3	6		0
	Farm is on-line	or in a coastal zone with category V					
	farms upstream	or within 1 tidal excursion	1	4	8		0
Management practices			None	Secure	Unsecure		
Water contacts with	Any processing	plant discharging into adjacent waters					
processors			0	1	2		0
On farm processing within	No on farm pro	cessing	0				0
the rules of the directive	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2	1			0
		from zone or compartment of					
	equivalent statu	ıs	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 wast	te only processed.	0	1			0
products	Common proce	esses with other farms	3				3
	Collection point	for waste from other farms	5				0
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0]			
ooo or anpaotoanooa roodo	Feeding unpas	•	5				0
Biosecurity		Number of sites] 2 or 3	≥4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2
	Sites sharing st	taff and equipment	0		2		2
Disinfection of equipment	Yes		<u> </u>	<u>!</u> 1			
between sites, use of			0				0
footbaths etc	No		1				0
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				3
Diatform access to access	Yes			1			
Platform access to cages			0				0
	No		1 2	l			0
					Total		28
					Rank		HIGH

						_	
Case No:	2018-0408		Sit	te No:	FS1027]	
	(Seawater Sites Only) Enced sea lice problems	in the previous 4 years	:7				Υ
	Management Area (or ed			sinala v	ear class hasis?		۱ ٧
	access to a range of lice		_				\ \
azamethiphos and em can these be deployed	amectin benzoate) as v d in a reasonable period cumented farm manage	well as access to suitable of time?	ole biological and	d/or mech	hanical control meas	ures, and	Υ
•	ecords available for insp	pection? (Legal SSI, Co	GP Annex 6)			ĺ	Υ
	ely reflect the required	` •	•	oGP? (L	egal SSI, CoGP Ann	ex 6)	Υ
7. Are sea lice (<i>L. saln</i> records are inspected	nonis) record levels below (CoGP Annex 6)	ow the suggested criter	ria for treatment	in the Co	oGP during the period	d that	N
8. Have average adult records are inspected	female sea lice (L. saln?	nonis) numbers per fish	h been at a level	of 3 or a	above during the peri	od that	Υ
If yes, have these bee	n reported to the Fish H	lealth Inspectorate? If n	no, FHI see comm	ment.			Υ
9. Is <i>C. elongatus</i> infe	station at a level which	is considered to cause	significant welfa	re proble	ems? (CoGP 4.3.81,	5.3.50)	N
	reatments been adminis reatment or where C. e						Υ
11. Has any other acti	on been taken (where a	pplicable)?					N/A
•	reatments or the actions		nt impact upon th	ne lice lev	vels recorded?		Υ
•	nere conducted, carried	•					Υ
	ng strategy for the site,	·		~		ent for	Y
	cific written lice manage scalation of a sea lice in	-	aypoints describ	ing set a	ctions to deal with re	cognised	Υ
16. Does the stock on reasons.	site appear satisfactory	in relation to sea lice le	evel and sea lice	count d	ata? If no please det	ail	Υ
Containment Inspect	ion						
•	nced equipment damag	ge due to predators in th	he current or pre	vious pro	oduction cycles?		N
2. Are measures in pla	ace to mitigate against the	he predation experience	ed on site? (Deta	ail below)		Υ
M.M.L., Tensioned N	lets, Top Nets						
If other, detail below	:						
3. Have escape incide	ents or events been exp	erienced on or in the vi	cinity of the site	since the	e last FHI inspection?	?	N
If Yes proceed with qu	estions 4 – 9. If No skip	to question 10					
4. Have these been re	ported to Scottish Minis	ters?					
5. Have these been re	ported to local DSFB fo	rthwith (where they exis	st)? (CoGP - 4.4	4.37, 5.4	.17)		
6. Have these been re	ported to the SSPO and	d local fisheries trusts fo	orthwith (where the	hey exist	t)? (CoGP – 4.4.37, 5	5.4.17)	
7. Were methods (if ar	ny) used to recover esca	apees? If yes give detai	il				
8 If all nots were den	loyed was this action ag	reed with local wild fish	n interests and w	as nerm	ission given by Scott	ish	
Ministers? (Legal, CoC		greed with local wild fish	i interests and W	as penn	1991011 GIVEIT DY 90011	1311	
	ken to prevent and minir	mise the risk of further	escapes? (Not co	overed ir	n code but could		
	r satisfactory measur						
	ed as satisfactory with re	,	If no, please de	tail reaso	on(s)		Υ

Issued by: FHI

Date of issue: 12/09/2017

FHI 059, Version 11

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0408	Site No: FS1027	
Date of Visit: 29/08/2018	8 Inspector: PMM	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Y
If N, no further questions require comp	letion.	
Points of Compliance for Both Farm	Management Agreements and Statements	
3. Is the current FMAg/S available for it4. Does the FMAg/S identify the releva5. Does the FMAg/S identify the fish fa	nt farm management area? rm site(s) to which it applies? If commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health Manag	gement	
8. Does the FMAg/S identify the minimfarm?	um health standards for the stocks to be introd	uced to the area or Y
10. Does the FMAg/S identify the speci	nation requirements for stocks held in the area of ies of fish which may be stocked into the area of mum stocking density of any pen on any farm in	or farm?
12. Does the FMAg/S identify the arran fish farm in the area or the individual fa	ngements for the storage and disposal of any dearm?	ead fish from any
Arrangements for The Management	of Sea Lice	
13. Does the FMAg/S identify arrangen	ments for the sharing of data on sea lice numbe	ers and treatments?
14. Does the FMAg/S identify the available of statement?	ability and the use of medicines on farms cover	red by the agreement Y
15. Does the FMAg/S identify any require on farms in the area or individual fa	irements for the sensitivity testing of available tarms?	
16. Does the FMAg/S identify the circulused on farms in the area or individual	mstances under which biological controls and c	cleaner fish are to be Y
	ngements for synchronous treatments on farms	within the area?
Live Fish Movements		
18. Does the FMAg/S identify the circularea or farm?	mstances when live fish may be introduced or r	
19. Does the FMAg/S identify the arran or individual farms?	ngements for the movement of live fish on and o	off sites in the area

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Harvesting		
20. Does the FMAg/S identify acceptab	le harvest practices on farms in the area or individ	dual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be resto	by which the area or individual farm will be fallow cked?	and the earliest Y
22. Does the FMAg/S identify whether agreement or statement?	one or more year classes may be stocked onto site	es covered by the Y
_	broodstock or potential broodstock are to be kept of the state of the	on any site Y
Point of Compliance for Farm Manag	gement Agreements Only	
24. Does the farm management agreer parties to the agreement?	ment include arrangements for persons to become	e, or cease to be,
Management and operation		
25. Is the fish farm being managed and	I operated in accordance with the agreement or sta	atement?
26. What is the version no/date of issue	e of the FMAg/S? Aug-18	

Site No: FS1027

Case No: 2018-0408

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0408	Date of visit: 29/08/2018						
Site No:	FS1027	Inspector: PMM						
Results Summary	Freq.	Date of Notification						
,		Database	Insp		Insp	Writing	Insp	2 nd Insp
			•			_		
Report Summary								
Case Type ECI,CNI,SLI,VMD	Date	Insp	2 nd Insp					
ECI,CNI,SLI,VMD	10/12/2018	PMM	KAS					
	-							





Grieg Seafood Shetland Ltd Gremista Lerwick Shetland ZE1 OPX

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0440 SITE NO FS1027

INSPECTOR Paul McKay

DATE OF VISIT 29/08/2018

SITE NAME Linga (Setterness)

CASE No 20180408

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 every second year. The category of the site will be reassessed on a routine basis and updated as required.

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

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

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

Mortality records were inspected and found to be adequately maintained.

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 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:

Fish Health Inspector

Date: 10/12/2018

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 11	Issu	ued by: FHI	Date of issue: 12/09/2017				
Case No: 2018-0409			Date of visit: 29/08/2018				
Time spent on site:	hr	Main Inspecto	or: PMM				
Site No: FS0408	Site Name:	Poseidon					
Business No: FB0440	Business Name:	Grieg Seafood Shetland Ltd					
Case Types: 1 REG	2 3	4 5	6				
Water Temp (°C):	Thermometer No:		FHI 045 completed				
Observations:	Region: SH	Water type: S	CoGP MA: S-4				
Dead/weak/abnormally behaving	fish present?	If yes, see additional information/clinical score sheet.					
Clinical signs of disease observe	d?	If yes, see additional information/clinical score sheet.					
Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet.							
Diagnostic samples taken:							
UNI/REG only - if unable to carry out intended visit detail reason below:							
Site fallow							

Additional Case Information:

Site fallowed 28/08. harvest have been conducted using live and dead haul with all harvests going directly to LFT. Site had been experiencing 'grumbling' mortalities attributed to CMS this cycle. This was not reported to usually be an issue at this site. Site is due to receive stock from Taing of Railsborough (2018 S0's) in Jan 2019.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0409		Site No:	FS0408				
Date of Visit:		29/08/2018	3		Inspector(s):	PMM]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N	
Site Details								
Total No facilities		10	Facilities sto	cked	0	No facilitie	es inspected	10
Species Age group	Fallow							
No Fish								
Mean Fish Wt								
Next Fallow Date (S	ite)	Fallow		Next Input Da	ate (Site)	Jan 2019		
December (Institute Institute Instit	P	0		N	1,	(alara la a)	1-100	N
Recent (last 4 wks) of the second (last 4 wks) o	disease probi	ems?		IN	Any escapes	(since last	VISIT)?	N
Movement Records 1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? If yes, is there a system in place for maintenance of transportation records? Mortality Records								
 Mortality records a How are mortalities 		•			Whole fish -	TWMA (She	etland)	'
If other detail:							,	
3. Mortality records complete and correctly entered? 23/07 - 45 poor peformer, 230 physical damage and 1,171 CMS, 30/07 - 70 Poor peformer, 210 physical damage, 523 CMS, 06/08 - 79 poor peformer, 165 physical damage, 1,640 CMS, 13/08 - 26 poor peformer, 19 physical 4. Recent mortality (last 4 wks):								
5. Evidence of recent increased/atypical mortalities? If yes, facility nos/no mortality per facility/no stock per facility/reason:								10
	•	·	· · · ·					
6. Any other peaks in If yes, detail:	n mortality du	ring period cl	necked?					N
7. Have increased (u	unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality ev	ents' been re	ported to FHI	l? If no, add M	IRT case and e	enter on morta	ality events s	sheet.	N/A

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017

_ , , , , , , , , , , , , , , , , , , ,							
Treatments and Medicines Records	_						
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?	L						
Biosecurity Records							
Biosecurity records available for inspection?	-						
2. Has the manner and frequency of mortality removal, recording a	and safe disposal been considered?						
3. Has the manner and period in which the APB will notify Scottish	•						
increased (unexplained) mortality at the site been included?	Willingters of Veterinary professional of any						
moreacea (anoxplamea) mentality at the one been moracea.	<u> </u>						
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 be	tween each epidemiological unit to minimise						
	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?	Traintain the physical defical inform of						
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 b	ehalf 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).							
yee, actain (ii not actained and recent allocate problems).							
Decords shooked between	int 2017 to August 2019						

ecords checked between

August 2017 to August 2018

Case No:	2018-0409			Date of visit:	29/08/2018			
Site No:	FS0408	Inspector: PMM						
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Donort Cummon								
Report Summary	D (- nd -					
Case Type	Date	Insp	2 nd Insp					
REG	11/12/2018	PMM	KAS					





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
 29/08/2018

 SITE NO
 FS0408
 SITE NAME
 Poseidon

 INSPECTOR
 Paul McKay
 CASE NO
 20180409

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.

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

The site was found to be fallow.

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

Signed: Date: 10/12/2018

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