FHI 059, Version 11	Is	sued by: FHI	Date of issue: 12/09/2017							
Case No: 2018-0082			Date of visit: 16/04/2018							
Time spent on site:	30 minutes	Main Insp	pector: JET							
Site No: FS1299 Business No: FB0398	Site Name: Business Name:	Laxford Hatchery Loch Duart Ltd								
Case Types: 1 REG	23	4 5	6							
Water Temp (°C):	Thermometer No:		FHI 045 completed							
Observations:	Region: HI	Water type: S	CoGP MA: M-3							
Dead/weak/abnormally behavir	ng fish present?	If yes, see additional i	information/clinical score sheet.							
Clinical signs of disease observ	/ed?	If yes, see additional 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:										

Additional Case Information:

Site inspected as fallow, all tanks have been emptied. No plans for any immediate re-stocking. Loch Duart Ltd may use the site in the future for further lumpfish trial work, but this would not be for a few years at least. Site to be made inactive, authorisation amendment application completed with Loch Duart Ltd representative, movement book signed off.

Case No:	2018-0082			Date of visit:	16/04/2018			
Site No:	FS1299	Inspector: JET						
Results Summary	Freq.			Da	te of Notificat	tion		
,		Database	Insp		Insp	Writing	Insp	2 nd Insp
Damant Courses								
Report Summary	- ·		nd					
Case Type REG	Date	Insp	2 nd Insp					
REG	25/04/2018	JE I	KAS					





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0398Date of Visit16/04/2018Site NoFS1299Site NameLaxford HatcheryInspectorJoe TriscottCase No20180082

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.

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

Paperwork was completed in order to inactivate the site. There are currently no plans to use the site in the foreseeable future.

The site status will be changed to inactive. Should you wish to restock at some point in the future please inform the Marine Scotland Fish Health Inspectorate.

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: 25/04/2018

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: 2018-0083			Date of visit: 17/04/2018						
Time spent on site:	hour	Main I	nspector: JET						
Site No: SS0853	Site Name:	Loch Kanaird							
Business No: SB0529	Business Name:	Ockran Oysters							
Case Types: 1 ECI	2 3	4 5	6						
Water Temp (°C): 8.5	Thermometer No:	T148	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? N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet.									
UNI/REG only - if unable to carry out intended visit detail reason below:									

FHI 059, Version 11			lss	sued by: FHI			Date of issu	ue: 12/09/2017
Case No:	2018-0083		Site No:	SS085	53			
Date of Visit:		17/04/201	18		Inspector(s)	: JET]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site represen	ntative?			Y N	-
Site Details								
Total No facilities		230	Facilities st	tocked	150	No facilitie	es inspected	230
Species	CGI	CGI	CGI	CGI	OED		1	
Age group	2014	2015	2016	2017	2014			
No Fish	10,000	150,000	180,000	230,000	1,000			
Mean Fish Wt	50g	50g	15g	10g	Mixed			
Next Fallow Date (Si		N/A		Next Input [May 2018		
Next I allow Date (C.	116)	14/74		Next Input L	Jaie (Oilo)	IVIAY 2010		
Recent (last 4 wks) of	disease prob	olems?			N Any escapes	s (since last	visit)?	N
If yes, detail:	3100000 p. c.	MOTTIC .			Triff County	0 (01100	Vicity.	II.
Movement Records	Š							
1. Movement records	s available fo	or inspection	?					Y
2. Date of last inspec							25/04/2017	
3. Are records comp	lete and cor	rectly entere	d?					Y
4. Are movement red	cords availal	ole for dead f	fish and waste	e?				N/A
5. Are records comp	lete and cor	rectly entere	d?					N/A
6. Are health certification		•		ilable?				Y
Transport Records								
1. Are any movemen		• '		•				
If yes, is there a syst	tem in place	for maintena	ance of transp	ortation record	ls?			
Mortality Records								
1. Mortality records a	available for	inspection?						Y
2. How are mortalitie		•			Other (detail	1)		
			orebase for us	se on roads.		,		
3. Mortality records of								N/A
4. Recent mortality (•		None obse	erved				
5. Evidence of recen	· · · · · · · · · · · · · · · · · · ·	atvoical mor						N/A
If yes, facility nos/no		• •		ty/reason:				
6. Any other peaks in	n mortality d	uring period	checked?					N/A
If yes, detail:								
7. Have increased (u	unexplained)	mortalities t	peen reported	to vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	eported to FI	HI? If no, add	MRT case and	d enter on mort	ality 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
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	

Records checked between: 25/04/2017 - 17/04/2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0083 SS0853 Site No: Date of Visit 17/04/2018 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 25 Susceptible to Marteilia refringens (OED, MED) 0 3 3 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 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 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:	2018-0083			Date of visi	t: 17/04/20	18					
Site No:	SS0853 Inspector: JET										
Results Summary	Freq.	Date of Notification									
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
				<u> </u>							
	_		+		_			_			
							+	+			
	+										
	_										
Report Summary	1			7							
Coop Type	Date	lnon	ond I	4							
Case Type ECI	25/04/2018	Insp	2 nd Insp KAS	-							
EGI	25/04/2010	JE I	NAS	-							
				4							
				-							
				-							
		1		4							
				7							
	1										
	1										
	1										





Ockran Oysters
Ockran
Leckmelm Loch Broom
by Garve Wester Ross
IV23 2RH

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0529
 Date of Visit
 17/04/2018

 Site No
 SS0853
 Site Name
 Loch Kanaird

 Inspector
 Joe Triscott
 Case No
 20180083

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: 25/04/2018

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: 2018-0084			Date of visit: 18/04/2018						
Time spent on site:	4 hours	Main Ir	nspector: JET						
Site No: FS0941 Business No: FB0439	Site Name: Business Name:	FAI Aultbea FAI Aquaculture Ltd							
Case Types: 1 ECI	2 CNI 3 DIA	4 5	6						
Water Temp (°C): 8.5	Thermometer No:	Site	FHI 045 completed						
Observations:	Region: HI	Water type: B	CoGP MA: M-15						
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see addition	al information/clinical score sheet. al information/clinical score sheet. al information/clinical score sheet.						
UNI/REG only - if unable to carry out intended visit detail reason below:									

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0084		Site No:	FS0941]			
Date of Visit:		18/04/2018			Inspector(s):	JET]
Registration/Autho 1. Business/site deta 2. Changes made to Site Details	ails summary		ite representa	itive?			N N]
Olic Details								
Total No facilities		65	Facilities sto	cked	54	No facilitie	s inspected	65
Species	LUM	SAL						
Age group	2017	2019 S1						
No Fish	276,000	496						
Mean Fish Wt	5g	35g						
Next Fallow Date (Si		2019 (TBC)		Next Input Da	ate (Site)	May 2018		
, and the same of	,	20.0 (,			10 (3.15)			
Recent (last 4 wks)	disease probl	lems?		Y	Any escapes	(since last	visit)?	N
•		esent, likely to		ial testing by fis ary infection ari				
Movement Records	S							
 Movement records Date of last inspect Are records comp Are movement records Are records comp Are health certification 	ection: plete and corre cords available plete and corre	ectly entered? le for dead fislectly entered?	sh and waste? ?				23/11/2017	Y N N N/A
Transport Records								
1. Are any movement If yes, is there a syst								N
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalitie		•			Other (detail)			
If other detail:	Morts are fro	ozen before be	eing transport	ted by Billy Bow	, ,	,		
3. Mortality records of	complete and	_	41063 (12.8%	%) across site.		,	, ·	
4. Recent mortality ((last 4 wks):		(14%) - Incre	eased mortality	in both vaccir	nated and no	on-vaccinated	d stock.
5. Evidence of recen	nt increased/a	typical mortal	ities?					Y
If yes, facility nos/no	mortality per	facility/no sto	ck per facility/	/reason:				
SW2 section: w/b 26/26/03/2018 - 3004 (2		•		•	•	2018 - 15079	9 (7.58%). SV	V1: w/b
6. Any other peaks in								N
If yes, detail:								
7. Have increased (u	unexplained)	mortalities bed	en reported to	vet or FHI?				Y
If yes, detail action:				ded site and tal				
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.	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

Treatments and Medicines Records		
1. Recent treatments (last 4 wks)?		Y
If yes, detail: Branzil, Formalin, Pyceze		
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)?	Branzil, Formalin	
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, record		Y
3. Has the manner and period in which the APB will notify Sc		V
increased (unexplained) mortality at the site been included?		Y
4. Has the action that will be taken in the event that the prese is detected been included and <i>how</i> and <i>when</i> that will be not	•	Y
5. Has the health status of aquaculture animals being stocke health status, certification if required)?		Y
6. Have the husbandry and biosecurity measures implemente transmission of disease been covered (movement of staff, visual contents).		Y
7. Is documentation available regarding the measures in place aquaculture animals held on site?		Y
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?	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).	Bacterial infection (gram negative), de spleen and kidney pathology	generative

Records checked between: 23/11/2017 - 18/04/2018

Additional Case Information:

Site split into different sections: SW1 and SW2 - seawater lumpfish production. FW1 - freshwater Atlantic salmon production. SW2 - Amarine micro 3-1 vaccination administered to lumpfish w/b 26/03/2018 in tanks E2, F1, F2, C1 and C2. A3, D2 and D3 were not vaccinated due to high mortality, all remaining tanks were graded. Increased mortality occurred in same week, feed response has dropped. Vets attended site and took samples, preliminary results indicate an unidentified bacterial infection. Branzil and Pyceze treatments have since been administered to all lumpfish stock. Virasure disinfectant also used 13th-15th 04/2018 (20ppm bath) - in tank C1 as a trial, mortalities did not drop in the trial tank.

Atlantic salmon stock on site is healthy, salmon are due to be sent to Ardtoe Marine Farming Unit in May 2018.

All incoming water goes through filters and is UV treated.

No movements of lumpfish on site since last inspection.

Several lethargic lumpfish observed in majority of tanks in SW2, 10 lethargic lumpfish removed from tank D4, which had the most mortalities removed that day, for further examination and subsequent diagnostic sampling. Lumpfish in SW1 tanks appeared healthy.

Г	ni 059, version i i							155	sueu by.	ГП			
	Case no:	2018-00)84	Site No		FS0941			Date of		18/	04/2018	18/0
ı	Priority samples:	VI		ВА		PA		MG	Samplin	ig: HI			
ı	Time sampling starts/ends:	13:0	0:00	13:2	0:00		Inspecto	or:	JET		VMD No	o.	0
	Environmental conditions:	1	Indoors	2		3		4		5			
ı	Summary samples	HIST	Υ	ВА	Υ	MG	Υ	VI	Υ	PA		Total Sa	amples
A	Add Fish/Pools - click												
	Pool/Fish No	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	P1	
	Fish nos	1	2	3	4	5	6	7	8	9	10	6-10	
Π	Pool Group						P1	P1	P1	P1	P1		
	Species	LUM	LUM	LUM	LUM								
	Average weight	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	0.0050	
	Sex	N/A	N/A	N/A	N/A								
	Water Type	SW	SW	SW	SW								
ı		Iceland	Iceland	Iceland	Iceland								
	Stock Origin	Stofinfiskur, Iceland	Stofinfiskur,	Stofinfiskur, Iceland	Stofinfiskur, Iceland								
100	Facility No	D4	D4	D4	D4	D4	D4		D4	D4	D4	D4	
-													

1111000	, , , , , , , , , , , , , , , , , , , ,									.00	aca by.			
04/2018	04/2018 Additional Sample Information:													
11	11 Total Tests assigned 10													
													1	

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

Case no: 2018-0084 Site No: FS0941 Method of killing: Anaesthetic

Case no:	2018-0084		Site No:		FS0941 Method of			ethod of	of killing: Anaesthetic		
			laanaat	۱۵۳/۵\.	III T						N/
Date of visit:	18/04/2018		Inspect	tor(s):	JET			l s	heet Re	elevant:	Y
S for otrong process	ce: M for medium presence: W for v	wook prog	onoo								
Fish Number	ce. Wi for medium presence. W for v	veak pres	2	3	4	5	6	7	8	9	10
	er death (if > 45 minutes)				7	3	,	,			
External Signs											
Behaviour	Moribund										
	Lethargic	S	S	S	S	S	S	S	S	S	S
	Hanging vertical										
	Spiralling										
	Flashing										
Body	Loss of equilibrium Dark										
Body	Distended abdomen										
	Anorexic			М			М	W	M		
	Scale Oedema										
Opercula	Shortened										
	Flared										
Haemorrhaging	Throat										
	Ventrum										
	Base of fins										
Eyes	Elsewhere Exophthalmic										
Lyes	Enophthalmic (sunken)										
	Cataract										
	Haemorrhagic										
Gills	Pale										
	Zoned										
	Necrotic										
Lesions	Flank										
	Elsewhere										
Vent	Inflamed										
Lice Load	Trailing faeces Estimate numbers										
Lice Load	Latimate numbers										
Internal Signs											
Ascites	Clear	m		m			W				
	Bloody										
Oedema	In tissues										
Heart	Pale/anaemic										
	Granulomas Deformed										
Liver	Petechial haem										
LIVEI	Gross haem										
	Tissue breakdown										
	Enlarged										
	Colour number(s)										
	Granulomas										
	Lesions										
Pyloric caeca	Petechial haem										
	Tubules mauve Lack of fat										
Spleen	Enlarged										
Оргоот	Granulomas										
Gut	No food present										
	Yellow pseudo-faeces										
	External haem										
	Internal haem										
Body wall	Haemorrhaging										
Swim bladder	Haemorrhaging										
Kidney	Fluid filled Swollen										
radiley	Grey										
	Granular										
	Liquefied										
General	Parasites present										
	Anaemia										

Case no: 2018-0084

Date of visit: 18/04/2018										
	nce: M for medium presence: W for	W								
Fish Number										
	ter death (if > 45 minutes)									
External Signs										
Behaviour	Moribund									
	Lethargic									
	Hanging vertical									
	Spiralling									
	Flashing									
	Loss of equilibrium									
Body	Dark									
	Distended abdomen									
	Anorexic									
	Scale Oedema									
Opercula	Shortened									
	Flared									
Haemorrhaging	Throat									
	Ventrum									
	Base of fins									
T	Elsewhere									
Eyes	Exophthalmic									
	Enophthalmic (sunken)									
	Cataract									
Cillo	Haemorrhagic									
Gills	Pale									
	Zoned									
Lasiana	Necrotic									
Lesions	Flank									
Vent	Elsewhere									
Vent	Inflamed									
Lice Load	Trailing faeces Estimate numbers									
Lice Load	Estimate numbers									
Internal Signs										
Ascites	Clear									
Asciles	Bloody									
Oedema	In tissues									
Heart	Pale/anaemic									
ricart	Granulomas									
	Deformed									
Liver	Petechial haem									
LIVOI	Gross haem									
	Tissue breakdown									
	Enlarged									
	Colour number(s)									
	Granulomas									
	Lesions									
Pyloric caeca	Petechial haem									
,	Tubules mauve									
	Lack of fat									
Spleen	Enlarged									
- 0.001	Granulomas									
Gut	No food present									
	Yellow pseudo-faeces									
	External haem									
	Internal haem									
Body wall	Haemorrhaging									
Swim bladder	Haemorrhaging									
	Fluid filled									
Kidney	Swollen									
	Grey									
	Granular									
	Liquefied									
General	Parasites present									
	Anaemia									

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/20
Additional comments:		
		1
		1

FHI 059, Version 11 Issued by: FHI					Date	of issue	: 12/09/2017
Case Number:	2018-0084		Site No:	FS0941		Insp:	JET
Date of Visit	18/04/2018		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	5
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
	compartment including third country Number of suppliers			5			5
Mayamanta off			0				10
Movements off	Frequency of m		0				10
Exposure via water				1-5			
Water contacts with other farms (holding species	Farm is protect disinfection or l	ed (secure water supply through	0				
susceptible to same		or in a coastal zone with category I					
diseases)	farms upstream	or within 1 tidal excursion	1	2	4		2
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V					
	farms upstream	n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
the fales of the allective	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	4					
	Processing fish from Category III farm						
	Processing fish	Processing fish from Category V farm					
Disposal of fish and fish by-	Site's own was	te only processed.	0				0
products	Common proce	esses with other farms	3				
	Collection point	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	1			0
·	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator				_			
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes]			0
	No		2				
					Total Rank		HIGH
					Nailk		HIGH

Case No:	2018-0084		Site No	FS0941	
Sea Lice Inspection (and 1. Has the site experies	Seawater Sites Only) nced sea lice problems i	n the previous 4 years?			
•	lanagement Area (or equ		ronously on a singl	e year class basis?	
azamethiphos and ema	in a reasonable period of cumented farm manager	ell as access to suitable of time?	biological and/or m	nechanical control measu	res, and
	ecords available for inspe	ection? (Legal SSI, CoG	P Annex 6)		
	·		·	? (Legal SSI, CoGP Anne	ex 6)
7. Are sea lice (<i>L. salm</i> records are inspected?		w the suggested criteria	for treatment in the	e CoGP during the period	that
8. Have average adult records are inspected?		onis) numbers per fish b	peen at a level of 3	or above during the perio	od that
If yes, have these beer	reported to the Fish He	alth Inspectorate? If no	FHI see comment.		
9. Is C. elongatus infes	station at a level which is	considered to cause si	gnificant welfare pro	oblems? (CoGP 4.3.81, 5	5.3.50)
				nis levels have exceeded cations? (CoGP 4.3.82, 5	
11. Has any other action	on been taken (where ap	plicable)?			
12. Have therapeutic tr	eatments or the actions	taken had a significant i	mpact upon the lice	e levels recorded?	
13. Are treatments, wh	ere conducted, carried o	ut in cooperation betwe	en participating farr	ms?	
sea lice?				are held without treatmer	
	ific written lice managem scalation of a sea lice inf		points describing se	et actions to deal with red	cognised
16. Does the stock on reasons.	site appear satisfactory i	n relation to sea lice lev	el and sea lice cour	nt data? If no please deta	ail
Containment Inspecti	ion				
1. Has the site experie	nced equipment damage	due to predators in the	current or previous	production cycles?	N
2. Are measures in pla	ce to mitigate against the	e predation experienced	on site? (Detail be	low)	Y
Site inside					
If other, detail below:					
If Yes proceed with que	nts or events been expe estions 4 – 9. If No skip to ported to Scottish Ministe	o question 10	nity of the site since	the last FHI inspection?	N
5. Have these been rep	ported to local DSFB fort	hwith (where they exist)	? (CoGP – 4.4.37,	5.4.17)	
·			·	exist)? (CoGP – 4.4.37, 5.	.4.17)
7. Were methods (if an	y) used to recover escap	pees? If yes give detail			
8. If gill nets were depl	oyed was this action agr	eed with local wild fish in	nterests and was pe	ermission given by Scottis	sh
Ministers? (Legal, CoG					
9. What action was tak	en to prevent and minim	ise the risk of further es	capes? (Not covere	ed in code but could	
	r satisfactory measure	· · · · · · · · · · · · · · · · · · ·			
10. Is the site inspecte	d as satisfactory with reg	ards to containment? If	no, please detail re	eason(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: 2018-0084	Site No: FS0941	
Date of Visit: 18/04/2018	Inspector: JET	
Point of Compliance		
1. Is the farm under inspection located If N, no further questions require comp	•	Υ
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 stateme	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 arran fish farm in the area or the individual farm. Arrangements for The Management 13. Does the FMAg/S identify arrangen	of Sea Lice nents for the sharing of data on sea lice numbe	or farm? Y or farm? Y n the area or the ead fish from any ers and treatments? Y
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 c	creatments 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 accepta	able harvest practices on farms in the area or individu	ual farms?
Fallowing		
21. Does the FMAg/S identify the date date when a farm or area may be rest	es by which the area or individual farm will be fallow a tocked?	and the earliest Y
22. Does the FMAg/S identify whether agreement or statement?	r one or more year classes may be stocked onto sites	s covered by the Y
	r broodstock or potential broodstock are to be kept or ent?	n any site Y
Point of Compliance for Farm Mana	agement Agreements Only	
24. Does the farm management agree parties to the agreement?	ement include arrangements for persons to become,	or cease to be, N/A
Management and operation		
25. Is the fish farm being managed ar	nd operated in accordance with the agreement or stat	tement?
26. What is the version no/date of issuers	ue of the FMAg/S? Jun-16	

Case No: 2018-0084 Date of visit: 18/04/2018 Inspector: JET Site No: FS0941 Freq. Results Summary Date of Notification 2nd Insp Database Phone Insp Writing Insp Insp MG_FLVQ 24/04/2018 JET 0/1 24/04/2018 JET MG_IPN 0/1 24/04/2018 JET 24/04/2018 JET MG_RANA 24/04/2018 JET 0/1 24/04/2018 JET MG_VHS 0/1 24/04/2018 JET 24/04/2018 JET BACT_ALIS 5/5 22/05/2018 JET 22/05/2018 JET BACT_LANG 4/5 22/05/2018 JET 22/05/2018 JET HIST_KPAT 3/4 01/05/2018 JET 01/05/2018 JET 5/5 HIST_LPAT 01/05/2018 JET 01/05/2018 JET 01/05/2018 JET HIST_SPAT 3/5 01/05/2018 JET 4/5 HIST_BACT 01/05/2018 JET 01/05/2018 JET

Report Summary			
Case Type	Date	Insp	2 nd Insp
ECI,CNI	25/04/2018	JET	KAS
DIA	29/05/2018	JET	DCB





FAI Aquaculture Ltd Ardtoe Marine Research Facility Ardtoe, Acharacle Argyll PH36 4LD

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0439
 Date of Visit
 18/04/2018

 Site No
 FS0941
 Site Name
 FAI Aultbea

 Inspector
 Joe Triscott
 Case No
 20180084

Section 1: Summary

During a routine inspection, lethargic lumpfish were observed in the SW2 production area of the above site. Ten lumpfish were removed for further examination and subsequent diagnostic sampling.

Histopathology examination revealed a systemic bacterial infection likely associated with Gram negative bacteria which were observed within the majority of the organs. Hepatic and splenic degeneration and nephropathy were also noted.

Aliivibrio sp. and Vibrio anguillarum were isolated. The level and purity of growth suggest these bacteria may be significant in 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

During a routine inspection, lethargic lumpfish were observed in the SW2 production area of the site, a number of the lethargic fish also appeared to be anorexic. Ten lethargic fish were removed for further examination and subsequent diagnostic sampling.

The site had experienced a recent increase in mortality, 12% across the site, during the preceding four weeks. Higher levels of mortality were recorded in the SW2 production area of the site, where some of the fish had been vaccinated and/or graded. Initial testing by vets had shown an unidentified bacterial infection present.

External examination showed evidence of anorexia in fish 3, 6, 7 and 8.

R09

Internal examination showed the presence of clear ascites in fish 1, 3 and 6.

Samples

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

Fish number	Pool number	Facility number	Species	Stage	Origin	
1-5	N/A	D4	Lumpfish (Cyclopterus lumpus)	2017 – 5g	Stofinfiskur, Iceland	
6-10	P1	D4	Lumpfish (Cyclopterus lumpus)	2017 – 5g	Stofinfiskur, Iceland	

Results

Bacteriology: Kidney material from fish 1-5 were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated.

- Aliivibrio sp.: F1-F5; confirmed by 16S rRNA and gyrB sequencing
- Vibrio anguillarum: F1-F4; confirmed by 16S rRNA and amiB sequencing

From the tests conducted on the *Aliivibrio* sp. isolate, we do not have evidence of resistance to amoxicillin, oxytertracycline, florfenicol and sulfamethoxazole.

From the tests conducted on the *Vibrio anguillarum*, we do not have evidence of resistance to oxytertracycline, florfenicol and sulfamethoxazole. There was however no sensitivity to amoxicillin

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

The samples tested negative for infectious pancreatic necrosis virus (IPNV), viral haemorrhagic septicemia virus (VHSV), ranaviruses and flavivirus.

A general screen was conducted on tissue samples to test for the presence of viral pathogens by cell culture. The result of this test was negative.

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

Histopathological examination revealed the following:

Gill: Within the normal range.

<u>Skin and skeletal muscle</u>: Degeneration and slightly increased of eosinophilia of several skeletal muscle fibres noted in all individuals. Some small rod shaped bacteria that stained Gram negative were also noted in F3.

R09

Heart: Within normal range.

<u>Gut and pyloric caeca</u>: Several apoptotic cells noted in folds of F4. F2 and F3 showed a moderate to marked presence of small rod shape bacteria that stained Gram negative on the intestinal wall.

Pancreas: Within normal range.

<u>Liver</u>: Diffuse hepatocyte vacuolation (large 'lipid droplets') in all individuals.

<u>Kidney</u>: Renal tubules with slightly lumen dilation and filled with cell debris noted in F2. F1 and F3 also showed one glomerulus with small rod shape bacteria that stained Gram negative.

<u>Spleen</u>: Focal to marked splenic degeneration with small areas of dark pink amorphous material (likely fibrin) noted in F1, F2 and F3. Presence of high numbers of small rod shaped bacteria that stained Gram negative.

Signed: Date: 31/05/2018

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





FAI Aquaculture Ltd Ardtoe Marine Research Facility Ardtoe, Acharacle Argyll PH36 4LD

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0439Date of Visit18/04/2018Site NoFS0941Site NameFAI AultbeaInspectorJoe TriscottCase No20180084

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.

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

 Movement records for dead fish waste were not available for inspection. Please ensure that these records are maintained for all future inspections. 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.

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 4A regarding fish farm management agreements and statements and section 5 regarding containment and escapes.

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

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

Signed: Date: 25/04/2018
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: 2018-0086			Date of visit: 18/04/2018						
Time spent on site:	30 mins	Main I	nspector: JET						
Site No: SS0877 Business No: SB0534	Site Name: Business Name:	Leac Nan Sgarbh Little Charron Ltd	Loch Broom						
Case Types: 1 ECI	2 3	4 5	6						
Water Temp (°C): 9.1	Thermometer No:	T147	FHI 045 completed						
Observations:	Region: HI	Water type: S	CoGP MA:						
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	~	N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N							
UNI/REG only - if unable to carry out intended visit detail reason below:									

Additional Case Information:

Paperwork completed with site manager in Inverness on 16/04/2018. Site inspected 18/04/2018.

FHI 059, Version 11			Is	ssued by: FHI			Date of issue	e: 12/09/2017
Case No:	2018-0086		Site No:	SS0877	7			
Date of Visit:		18/04/20)18		Inspector(s):	: JET		
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		y site represe	ntative?			N N	
Site Details								
Total No facilities		8	Facilities s	stocked	4	No facilities	s inspected	8
Species	CGI	CGI	OED	OED				
Age group	2017	2014	2017	2014				
No Fish	75,000	3,000	50,000	1,000				
Mean Fish Wt	25mm	20mm	5mm	70mm				
Next Fallow Date (S	ite)	N/A		Next Input Da	ate (Site)	June 2018		
Recent (last 4 wks)	disease prof	olems?		1	N Any escapes	s (since last v	visit)?	N
If yes, detail:		//5/			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	J (C)	ion,	
Movement Records								
Movement record		or inspectio	n2					Y
2. Date of last inspec		Ji iliapeone.	11:				24/04/2017	
3. Are records comp		rectly enter	ed?				Z-1/0 1/20	Y
4. Are movement red		•		te?				N/A
5. Are records comp								N/A
6. Are health certification		•		ailable?				Y
Transport Records	;							
1. Are any movemen		• •	•	· ·				
If yes, is there a syst	tem in place	for mainten	ance of transp	portation records	!?			
Mortality Records								
Mortality records a	available for	inspection?						N/A
2. How are mortalities		•			Other (detail	1)		
If other detail:	empty shell	ls left on sho						
3. Mortality records of	complete and		entered?					N/A
4. Recent mortality (` ,		None obse	erved				
5. Evidence of recen								N/A
If yes, facility nos/no	mortality pe	r facility/no	stock per facil	lity/reason:				
6. Any other peaks in	in mortality d	uring period	d chacked?					N/A
If yes, detail:	Il Illorianty a	uning penda	CHECKEG:					1 1//
7. Have increased (u	unexplained)	mortalities	been reported	d to vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	vents' been r	eported to F	-HI? If no, add	MRT case and	enter on mort	ality events sl	heet.	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?							
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?							
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease							
is detected been included and how and when that will be notified to Scottish Ministers?							
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher							
health status, certification if required)?							
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise							
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?							
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?							
8. Have the biosecurity procedures been adequately implemented on site?							
If no, detail:							
Results of Surveillance							
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N						
2. If yes, are results available for inspection?							
3. Any significant results?							
If yes, detail (if not detailed under recent disease problems).							

Records checked between: 24/04/2017 - 16/04/2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0086 SS0877 Site No: Date of Visit 18/04/2018 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 25 Susceptible to Marteilia refringens (OED, MED) 0 3 3 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 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 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

Case No:	2018-0086	Date of visit: 18/04/2018							
Site No:	SS0877	1		Inspector:	JET	1			
Results Summary	Freq.	Database	Insp	Date of Notification Phone Insp Writing Insp 2 nd Insp					
						9		Ζ 1115β	
	-								
	 	-						1	
	1								
	-	-							
							<u> </u>		
Report Summary				1					
Case Type	Date	Insp	2 nd Insp	1					
ECI	25/04/2018	JET	KAS	1					
				1					
	+								





Charron Ltd 8 Castle Heather Avenue Inverness

IV2 4DR

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0534 **DATE OF VISIT** 18/04/2018

SITE No SS0877 SITE NAME Leac Nan Sgarbh Little

Loch Broom

INSPECTOR Joe Triscott Case No 20180086

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.

The following points were raised with the site representative during the inspection: Please contact myself or the duty inspector should you require any further information or have any queries regarding this report.

Signed: Date: 25/04/2018

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: 2018-0117			Date of visit: 06/04/2018
Time spent on site:	1.5h	Main Ir	nspector: DJT
Site No: fs0575	Site Name:	Ormsary Smolt Unit	
Business No: FB0061	Business Name:	Landcatch Natural Sele	ection Ltd
Case Types: 1 CER	2 3	4 5	6
Water Temp (°C): N/A	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: F	CoGP MA:
Dead/weak/abnormally behavir	ng fish present?	n If yes, see addition	al information/clinical score sheet.
Clinical signs of disease observ	ved?	n If yes, see addition	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:

Inspection conducted on a consignment of 3,220 salmon for export to Dubai on the 9/4/18. No issues observed certificate MD18/021 issued.

FHI 059, Version 11			Issu	ued by: FHI			Date of issue	e: 12/09/2017
Case No:	2018-0117		Site No:	fs0575	,			
Date of Visit:		06/04/2018	3		Inspector(s):	DJT		
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			n n	
Site Details								
Total No facilities		59	Facilities sto	ocked	104	No facilitie	es inspected	2
Species	SAL	SAL						
Age group	S1s	S0s						
No Fish	776,499	2,743,553						
Mean Fish Wt	68g	1.2g						
Next Fallow Date (Si	ite)	ongoing cycl	le	Next Input Da	ate (Site)	not certaii	n	
					1			
Recent (last 4 wks)	disease probl	lems?		n	Any escapes	s (since last	visit)?	n
If yes, detail:								
Movement Records	8							
1. Movement records		r inspection?						у
2. Date of last inspec		Поросле					22/03/2018	
3. Are records comp		ectly entered	?					Y
4. Are movement red		•		?				N/A
5. Are records comp	lete and corr	ectly entered	?					N/A
6. Are health certification	ates for introd	ductions (outv	vith GB) availa	able?				N/A
Transport Records								
1. Are any movemer If yes, is there a syst					-			
	ion in place .	or man nona.	oc or transpo.	ridion receids				
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalities					Incinerated -	on site		
If other detail:	io diopocou i				Inomiora.	OTT CITE		
3. Mortality records of	complete and	correctly ent	ered?					Y
4. Recent mortality (•			es per tank per o	day			
5. Evidence of recen	nt increased/a	atypical morta	lities?					N
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	//reason:				
6. Any other peaks in	n mortality du	iring period ch	necked?					N
If yes, detail:	1	. 190	45-14	51110				NI/A
7. Have increased (u	inexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality ev	rantal baan ra	ported to EH	12 If no add N	ADT case and c	enter en morte	ality ayante	aboot	N/A
6. Have mortality ev	elitz pecil ie	ported to Fin	? If HO, add iv	IK i case and e	anter on morte	ality events	Sneet.	1 1/7 1

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?	
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:

22/3/2018 to 6/4/2018

Case No:	2018-0117			Date of visit:	06/04/2018			
Site No:	fs0575			Inspector:	DJT	l		
Results Summary	Freq.			Da	te of Notifica	tion		
,		Database	Insp		Insp	Writing	Insp	2 nd Insp
D 1 O								
Report Summary	_		nd					
Case Type CER	Date	Insp	2 nd Insp					
CER	16/04/2018	DJT	ALW					
	 							





Landcatch Natural Selection Ltd Ormsary Fish Farm Lochgilphead Argyll PA31 8PE

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0061 **DATE OF VISIT** 06/04/2018

SITE NO FS0575 SITE NAME Ormsary Smolt Unit

INSPECTOR David Tomlinson Case No 20180117

Inspection for export to a third country

The above site was visited and a consignment of Atlantic salmon smolts for export to Dubai was inspected. A health certificate was issued which must travel with the consignment to the destination.

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

Signed: _____ Date: 16/04/2018

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 i	ssue: 12/09/2017
Case No: 2018-0122				Date of visit:	17/04/2018
Time spent on site:	hours	_	Main Inspector	r: A	JW
Site No: FS0694 Business No: FB0125	Site Name: Business Name:	Fishnish (B) Scottish Sea Fa	arms Ltd		
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD	5	6	
Water Temp (°C): 7	Thermometer No:	Site	\supset	FHI 045 comple	ted
Observations:	Region: ST	Water type	e: S	CoGP MA:	M-35
Dead/weak/abnormally behaving	•			mation/clinical sco	
Clinical signs of disease observed	1 ?			mation/clinical sco	
Gross pathology observed? Diagnostic samples taken?		N If yes, see	additional infor	nation/clinical sco	ore sneet.
UNI/REG only - if unable to carry	out intended visit detai	l reason below:			

Additional Case Information:

wrasse mortality water temp 5.7 - long period of low temp affecting wrasse. In house vet taken samples. 9/4/18 peak wrasse morts;140 for site.

Post input morts from Damph. Fungal issues, health checked prior to transfere

7/12/17 - Fishnish B - Only two cages bath treated with salmosan. SLICE treatments carried out on an area basis. Bath treatments done per cages as cleaner fish on site will be effective in other cages

29/10/17 - slice, 1/7/17 aqua sure, 7/12/17 - aquasure. July peroxide; gills/lice. No significant gill issues

Movement of dead fish off site recorded on receipts from Billy Bowie. Fish collected from several sites, Bloody Bay, Finshnish A and B and Scallastle. All morts stored at shore base and collected by Billy Bowie. Weight for each site not recorded. Future movement of dead fish off site will be recorded in movement book. Looking to return to incineration. Increase in dead due to thermolicer treatments.

Current lice number; last count 0.38 adult female average at Fishnish B and Fishnish A; 0.33 average adult female.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017	
Case No:	2018-0122		Site No:	FS0694					
Date of Visit:		17/04/2018	3		Inspector(s):	AJW]	
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N	}	
Site Details									
Total No facilities		10	Facilities sto	cked	9	No facilitie	es inspected	10	
Species	sal	wrasse							
Age group	2017 S1	adult							
No Fish	191,370	12,500							
Mean Fish Wt	3.2kg	70-80g							
Next Fallow Date (Si	ite)	Sept 2018		Next Input Da	ate (Site)	May 2019			
Recent (last 4 wks) disease problems? N Any escapes (since last visit)? N If yes, detail:									
Movement Records									
		r inspection?						Y	
•		•						Y	
								Y	
•		•		ahle?					
		Juctions (out	Alli OD, availo	IDI C :				1 4/7 3	
Transport Records									
1. Are any movemen	nts carried ou	it by (or on be	half) of the bu	usiness (not us	ing a STB)?			N	
If yes, is there a syst					-				
Mortality Records									
1. Mortality records a	available for i	nspection?						Y	
2. How are mortalitie	s disposed o	if?			Whole fish -	Dundas Ch	emicals		
If other detail:									
3. Mortality records of	•	correctly ent						Y	
4. Recent mortality (I	•		levels curren	itly low.				N	
5. Evidence of recen If yes, facility nos/no		• •		/roccon:				N	
If yes, facility flos/flo	mortality per	Tacility/110 Std	ick per racinty/	leason.					
6. Any other peaks in	n mortality du	ring period cl	necked?					Y	
,		• .	e- see addition	nal comments					
7. Have increased (u	inexplained)	mortalities be	en reported to	vet or FHI?				N/A	
If yes, detail action:								NI/A	
8. Have 'mortality even	ents' been re	ported to FHI	? If no, add M	RT 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
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)?	
If other, detail:	V
6. Are medicines stored appropriately?	Υ
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).	
Wrasse; costia like organism in all fish, variable gill infection	
0/9/40	

Records checked between: 8/6/16- date

'	TH 055, Version TT							100	ueu by.				
	Case no:	2018-01	122	Site No:		FS0694			Date of Samplin		17/0	04/2018	
	Priority samples:	VI		ВА		PA		MG		ig. HI			
	Time sampling starts/ends:		0:00		0:00		Inspecto	or:	AJW		VMD No	o.	12
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG	<u> </u>	VI		PA		Total Sa	amples
A	Add Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2										
	Pool Group												
	Species	Sal	Sal										
	Average weight	3.2000	3.2000										
	Sex												
	Water Type	SW	SW										
Stock Details		Migdale	Knock Knock										
U) I domity No	2	I										

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

FHI 059, Version 11	Issued by: FHI			Date	e: 12/09/2017		
Case Number:	2018-0122		Site No:	FS0694		Insp:	AJW
Date of Visit	17/04/2018		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	
	Number of sup	ncluding third country	0				
Mayamanta aff			0				10
Movements off	Frequency of m		0				3
Exposure via water	1.14.11.50.01.450	Site contacts	0				
Water contacts with other farms (holding species	Farm is protect disinfection or l	ed (secure water supply through	0				
susceptible to same		or in a coastal zone with category I					
diseases)	farms upstream	or within 1 tidal excursion	1	2	4		2
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V					
	farms upstream	n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
the raids of the directive	Processing own	n fish (re-cycling risk)	1	1			
	Processing fish	from MS of equivalent status	2	1			
	Processing fish equivalent statu	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	esses with other farms	3				
	Collection point	for waste from other farms	5				5
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	-]			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0]			0
between sites, use of footbaths etc	No		1				
CoGP/Regulator				-			
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes						0
	No		2				lacksquare
					Total Rank		MEDIUM
					Nain		INICOIOINI

FHI 059, Version 11		Issued by: FHI		Date of iss	ue: 12/09/2
Case No: 2018	8-0122		Site No:	FS0694	
Sea Lice Inspection (Seawa 1. Has the site experienced s	• •	evious 4 vears?			N
2. Is the CoGP Farm Manage	•	•	n a single v	ear class basis?	Y
3. Does the site have access azamethiphos and emamectican these be deployed in a real. Is there a signed document	to a range of licenced in- in benzoate) as well as ac easonable period of time? ted farm management ag	feed and bath sea lice med cess to suitable biological	lications (incand/or mec	cluding deltamethrin, hanical control measures, and	Y
Management Area (or equiva	·	// LOOL O OD A			
5. Are sea lice count records	·	•		and CCL CaCD Annay C)	Y
6. Do records adequately refl	ect the required standard	specified in the 55i and the	e CoGP? (L	egai SSI, CoGP Annex 6)	Y
7. Are sea lice (<i>L. salmonis</i>) records are inspected? (CoC		uggested criteria for treatme	ent in the Co	oGP during the period that	N
8. Have average adult female records are inspected?		·		above during the period that	Υ
If yes, have these been report		•			N
9. Is <i>C. elongatus</i> infestation	at a level which is consid	ered to cause significant we	elfare probl	ems? (CoGP 4.3.81, 5.3.50)	N
10. Have therapeutic treatme suggested criteria for treatme					Υ
11. Has any other action bee	n taken (where applicable)?			Υ
12. Have therapeutic treatme	nts or the actions taken h	ad a significant impact upor	n the lice le	vels recorded?	Υ
13. Are treatments, where co 14. Is there a harvesting stra- sea lice?			~		Y N
		• •	cribing set a	actions to deal with recognised	Υ
16. Does the stock on site apreasons.	pear satisfactory in relation	on to sea lice level and sea	lice count o	lata? If no please detail	Υ
Containment Inspection 1. Has the site experienced e	equipment damage due to	predators in the current or	previous pr	oduction cycles?	N
2. Are measures in place to r	nitigate against the predat	tion experienced on site? (D	Detail below	r)	Υ
Seal Blinds, Top Nets					
If other, detail below:					
 Have escape incidents or Yes proceed with questions Have these been reported 	s 4 – 9. If No skip to quest	•	site since th	e last FHI inspection?	N
5. Have these been reported 6. Have these been reported	·			·	
·		·	,	,	
7. Were methods (if any) use	d to recover escapees? If	yes give detail			
8. If gill nets were deployed v		local wild fish interests and	d was perm	ission given by Scottish	
Ministers? (Legal, CoGP – 4.	·	risk of further assessed (No	ot covered :	n code but could	
What action was taken to pe considered under satis			or covered I	n code but codia	
10. Is the site inspected as sa	•		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: 2018-0122	Site No: FS0694	
Date of Visit: 17/04/2018	Inspector: AJW	
Point of Compliance		
1. Is the farm under inspection located value of N, no further questions require complete.		Y
	Management Agreements and Statements	
3. Is the current FMAg/S available for in4. Does the FMAg/S identify the relevan5. Does the FMAg/S identify the fish fan	nt farm management area? m site(s) to which it applies? commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health Manag	ement	
farm? 9. Does the FMAg/S identify the vaccina 10. Does the FMAg/S identify the specie 11. Does the FMAg/S identify the maxin individual farm?	ation requirements for stocks held in the area eas of fish which may be stocked into the area num stocking density of any pen on any farm in gements for the storage and disposal of any durm?	or farm? Y or farm? Y in the area or the
Arrangements for The Management of	of Sea Lice	
13. Does the FMAg/S identify arrangem	ents for the sharing of data on sea lice number	ers and treatments?
of statement? 15. Does the FMAg/S identify any require on farms in the area or individual fa 16. Does the FMAg/S identify the circumused on farms in the area or individual fa	nstances under which biological controls and	treatments for sea Y cleaner fish are to be
Live Fish Movements		
area or farm?	nstances when live fish may be introduced or gements for the movement of live fish on and	<u> </u>

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Harvesting		
20. Does the FMAg/S identify accepta	able harvest practices on farms in the area or individ	dual farms?
Fallowing		
21. Does the FMAg/S identify the date date when a farm or area may be resi	es by which the area or individual farm will be fallow tocked?	and the earliest Y
22. Does the FMAg/S identify whethe agreement or statement?	r one or more year classes may be stocked onto site	es covered by the Y
	r broodstock or potential broodstock are to be kept ont?	on any site Y
Point of Compliance for Farm Mana	agement Agreements Only	
24. Does the farm management agree parties to the agreement?	ement include arrangements for persons to become	e, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed ar	nd operated in accordance with the agreement or st	ratement?
26. What is the version no/date of iss	ue of the FMAg/S? issue date 22/12/16 - re	eview 20/12/18

Site No: FS0694

Case No: 2018-0122

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0122			Date of visit:	17/04/2018			
Site No:	FS0694	1		Inspector:	AJW	l		
Results Summary	Freq.			Da	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type ECI,SLI,VMD,CNI	Date	Insp	2 nd Insp					
ECI,SLI,VMD,CNI	08/05/2018	AJW	DCB					





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0125Date of Visit17/04/2018Site NoFS0694Site NameFishnish (B)InspectorAmanda WalkerCase No20180122

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.

Please ensure that future record of dead fish movements off site are recorded including weight or number of dead and that this can be attributed to individual sites.

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 have had average adult female *Lepeophtheirus salmonis* ('sea lice') per fish counts of 3 or above. These counts had not been reported to the Fish Health Inspectorate as part of the required measures to demonstrate that satisfactory measures are in place for the control of sea lice. Where the average adult female sea lice per fish count reaches 3 or above this must be reported to the Fish Health Inspectorate within seven days of the date of the count. Please ensure that future counts that exceed the reporting level are reported to the Fish Health Inspectorate.

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

Marine Scotland website at www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter

Signed: Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the

Date: 08/05/2018

FHI 059, Version 11	Iss	ued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0123			Date of visit: 17/04/2018
Time spent on site:	hours	Main Insp	ector: AJW
Site No: FS0427 Business No: FB0125	Site Name: Business Name:	Fishnish (A) Scottish Sea Farms Ltd	
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 7	Thermometer No:	Site	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA: M-35
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional i	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail re	ason below:	

Additional Case Information:

Wrasse morts peak 9/4/18 across site 200 morts.

thermolicer at Fishnish A and B 28-31 March 2018. 29/10/17 - slice, 1/7/17 Aquasure, 7/12/17 - Aquasure.

Last 4 weeks morts peaked at 1.7% per cage for 4 weeks - thermolicer dead. 0.66% for site /4wks.

mortality since input (Jan 2017) for site 7.13%. Two thermolicer treatments caused mort peaks January and March, handling morts.

Current lice number; last count 0.38 adult female average at Fishnish B and Fishnish A; 0.33 average adult female.

BMP to be updated to include Billy Bowie mort disposal route currently being used at both sites. Records of movement of dead fish by Billy Bowie are incomplete. Weight of waste is not always recorded and movements are not recorded singly but for several sites so when weights are recorded it can not be determined how much from each site. In future dead fish movements off site will be recorded in the movement books.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	ie: 12/09/2017	
Case No:	2018-0123		Site No:	FS0427	1				
Date of Visit:		17/04/2018	;		Inspector(s):	AJW		1	
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		ite representa	tive?			Y N		
Site Details									
Total No facilities		12	Facilities stoo	cked	11	No facilitie	es inspected	12	
	sal	wrasse							
3-3-1	2017 S1	adult							
	242,288	11,000							
Mean Fish Wt	3.8 Kg	70-80g							
Next Fallow Date (Si	ite)	June 2018		Next Input Da	ite (Site)	Dec/Jan 2	018/2019		
Recent (last 4 wks) of If yes, detail:	disease probl	lems?		N	Any escapes	(since last	visit)?	N	
Movement Records									
		or inspection?						Y	
		Ποροσιοπ					08/06/2016		
3. Are records complete and correctly entered?									
4. Are movement red		•						Y	
5. Are records comp	lete and corr	ectly entered?	?					N	
6. Are health certification	ates for introd	ductions (outw	vith GB) availa	ble?				N/A	
Transport Records									
1. Are any movement of yes, is there a syst					-			N	
Mortality Records									
1. Mortality records a	available for i	inspection?						Y	
2. How are mortalitie		•			Biogas - Ener	rgen, Cumb	pernauld		
If other detail:									
3. Mortality records of	•	•						Y	
4. Recent mortality (I	•		0.66%/site/la	st 4 wks					
5. Evidence of recen		• •						Υ	
If yes, facility nos/no		facility/no sto	ck per facility/	reason:					
wrasse- see addition		ring pariod of	and ado					Y	
6. Any other peaks in If yes, detail:			ieckeu :					'	
7. Have increased (u	see additional		on reported to	vet or FHI?				Y	
If yes, detail action:			•	Vet of 1 m.					
If yes, detail action: post input Jan 2017. 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)?	Y
If yes, detail: T.M.S.	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	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:	T
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).	
slight AGD, very slight inflammatory heart pathology. 8/1/18	
Records checked between: 8/6/16 to date	
Noordo onoonoa botwoon.	

П	al 059, version 11							ISS	suea by:	гпі			
	Case no:	2018-01	123	Site No:		FS0427			Date of Samplin		17/0	04/2018	
	Priority samples:	VI		ВА		PA		MG		g. HI			
	Time sampling starts/ends:	14:0	0:00	15:0	0:00		Inspecto	or:	AJW		VMD No	D.	17
	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	SAL									
	Average weight	3.8000	3.8000	3.8000									
	Sex												
	Water Type	SW	SW	SW									
ails		an	an	an									
Details		op	Jor	Jor									
		couldoran	couldoran	couldoran									
Stock	Stock Origin												
Ś	Facility No	4	5	8									

	Addition	nal Sam	ple Infor	mation:							
0	1	Total To	ests ass	igned	0	1					

FHI 059, Version 11		Issued by: FHI	Issued by: FHI Date of issue:				: 12/09/20)17
Case Number:	2018-0123		Site No:	FS0427		Insp:	AJW	
Date of Visit	17/04/2018		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		٦
5,550	Number of sup	ncluding third country	0			14		_
Movements off	Frequency of m		0	ļ		10	-	10
Movements on	Number of des		0		6	10		3
Exposure via water		Site contacts	. 0	1-5	6-10			
Water contacts with other farms (holding species	Farm is protect disinfection or I	ed (secure water supply through porehole)	0					٦
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		<u> </u>	_
		or within 1 tidal excursion	1	3	6			
		or in a coastal zone with category V						
	farms upstrean	n or within 1 tidal excursion	1	4	8			┙
Management practices			None	Secure	Unsecure			
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2			1
On farm processing within the rules of the directive	No on farm pro	cessing	0					0
	Processing own	n fish (re-cycling risk)	1					
	Processing fish	from MS of equivalent status	2					
		from zone or compartment of	1					
	equivalent state Processing fish	ı from Category III farm	8	1			_	ᅱ
		from Category V farm	10					-
Disposal of fish and fish by-				J 1			-	=
products			0				 	_
	·	esses with other farms	3	-			 	_
	·	t for waste from other farms	5	1			<u> </u>	5
Use of unpasteurised feeds		inpasteurised feed	0					0
	Feeding unpas		5	_				┙
Biosecurity	0:4	Number of sites	1	2 or 3	≥4			
Contacts with other sites		from single shorebase	0		2			1
	Sites sharing s	taff and equipment	0	1	2		<u> </u>	1
Disinfection of equipment between sites, use of	Yes		0					0
footbaths etc	No		1					
CoGP/Regulator				•				
Practices in accordance	Yes		0					0
with regulator or industry code of practice	No		3					
Platform access to cages	Yes		0					0
	No		2					
					Total Rank		MEDIUM	23 VI

						_	
Case No:	2018-0123		Site	e No:	FS0427		
-	(Seawater Sites Only) enced sea lice problems	in the previous 4 years	2				N
•	•			oinalo v	oor aloog booig?		IN V
	Management Area (or ed		_				Y
azamethiphos and em can these be deployed	access to a range of lice amectin benzoate) as v d in a reasonable period cumented farm manage equivalent)?	vell as access to suitab of time?	ole biological and	or mech	hanical control meas	ures, and	Y
	ecords available for insp	ection? (Legal SSI, Co	GP Annex 6)				Υ
	tely reflect the required s		•	oGP? (L	egal SSI, CoGP Ann	ex 6)	Υ
7. Are sea lice (<i>L. saln</i> records are inspected	nonis) record levels belo? (CoGP Annex 6)	ow the suggested criter	ria for treatment i	n 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	ealth Inspectorate? If n	no, FHI see comn	nent.			N
9. Is <i>C. elongatus</i> infe	station at a level which i	s considered to cause	significant welfar	re proble	ems? (CoGP 4.3.81,	5.3.50)	N
	reatments been adminis reatment or where <i>C. e.</i>						Υ
11. Has any other acti	on been taken (where a	oplicable)?					Υ
•	reatments or the actions		nt impact upon the	e lice lev	vels recorded?		Υ
•	nere conducted, carried	-					Υ
	ng strategy for the site, v	•				ent for	N
-	cific written lice manager scalation of a sea lice in	•	aypoints describi	ng 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						
•	enced equipment damag	e due to predators in the	he current or prev	vious pro	oduction cycles?		N
	ace to mitigate against th						Υ
Seal Blinds, Top Ne	ts						
If other, detail below	:						
·							
3. Have escape incide	ents or events been exp	erienced on or in the vi	icinity of the site s	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 for	thwith (where they exis	st)? (CoGP - 4.4	.37, 5.4	.17)		
6. Have these been re	ported to the SSPO and	local fisheries trusts for	orthwith (where th	ney exist	t)? (CoGP – 4.4.37, 5	5.4.17)	
7. Were methods (if a	ny) used to recover esca	apees? If yes give deta	il				
8. If aill nets were den	loyed was this action ag	reed with local wild fish	n interests and wa	as perm	ission given by Scott	ish	
Ministers? (Legal, Co		1000 Will 10001 Wild 1131	torooto and we	ao pomi	loolor given by ocott	.5.1	
9. What action was tal	ken to prevent and minir	nise the risk of further	escapes? (Not co	overed in	n code but could		
be considered unde	er satisfactory measure	es of the Act)					
	ed as satisfactory with re	,	If no, please det	ail 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: 2018-0123	Site No: FS0427	
Date of Visit: 17/04/2018	8 Inspector: AJW	
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? If commencement of the agreement or statemer	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 spec 11. Does the FMAg/S identify the maxi individual farm? 12. Does the FMAg/S identify the arran fish farm in the area or the individual fa	of Sea Lice	or farm? Y Y n the area or the Padd fish from any Y
14. Does the FMAg/S identify the available of statement?15. Does the FMAg/S identify any require on farms in the area or individual factories.16. 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 Ileaner fish are to be
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or rengements 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 acceptal	ble harvest practices on farms in the area or individu	al farms?
Fallowing		
21. Does the FMAg/S identify the date date when a farm or area may be resto	es by which the area or individual farm will be fallow a ocked?	and the earliest
22. Does the FMAg/S identify whether agreement or statement?	one or more year classes may be stocked onto sites	s covered by the Y
23. Does the FMAg/S identify whether covered by the agreement or statement	broodstock or potential broodstock are to be kept or nt?	n any site Y
Point of Compliance for Farm Mana	gement Agreements Only	
24. Does the farm management agree parties to the agreement?	ement include arrangements for persons to become,	or cease to be, N/A
Management and operation		
25. Is the fish farm being managed an	nd operated in accordance with the agreement or stat	tement?
26. What is the version no/date of issu	ue of the FMAg/S? issue date 22/12/16 - rev	riew 20/12/18

Site No: FS0427

Case No: 2018-0123

Nature of non-compliance:

Action taken (FHI):

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

Results Summary Freq. Date of Notification Database Insp Phone Insp Writing Insp 2 nd Insp Insp Phone Insp Phone Insp Database Insp Phone Insp Database	Case No:	2018-0123			Date of visit:	17/04/2018				
Results Summary Freq. Database Insp Phone Insp Writing Insp 2 nd Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp	Site No:	FS0427]		Inspector:	AJW]			
Database Insp Phone Insp Writing Insp 2 nd Insp Insp Phone Insp Phone Insp Writing Insp 2 nd Insp Insp Phone Insp Phone Insp Writing Insp 2 nd Insp Insp Phone Insp Phone Insp Writing Insp Phone	Results Summary	Freq								
Report Summary	Results Summary	1 104.	Database	Insp				Insp	2 nd Insp	
Report Summary				·			Ü		2 1105	
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary					-	-				
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary										
Report Summary Report Summary										
	Report Summary									
Case Type Date Insp 2 nd Insp	Case Type CNI, SLI, VMD, ECI	Date	Insp	2 nd Insp						
CNI, SLI, VMD, ECI 08/05/2018 AJW DCB	CNI, SLI, VMD, ECI	08/05/2018	AJW	DCB						
		-	-		4					
			 							





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0125Date of Visit17/04/2018Site NoFS0427Site NameFishnish (A)InspectorAmanda WalkerCase No20180123

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.

Please ensure that future record of dead fish movements off site are recorded including weight or number of dead and that this can be attributed to individual sites.

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 have had average adult female *Lepeophtheirus salmonis* ('sea lice') per fish counts of 3 or above. These counts had not been reported to the Fish Health Inspectorate as part of the required measures to demonstrate that satisfactory measures are in place for the control of sea lice. Where the average adult female sea lice per fish count reaches 3 or above this must be reported to the Fish Health Inspectorate within seven days of the date of the count. Please ensure that future counts that exceed the reporting level are reported to the Fish Health Inspectorate.

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

Signed: Date: 08/05/2018
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: 2018-0124			Date of visit: 16/04/2018			
Time spent on site:	2 hours	Main Insp	pector: AJW			
Site No: SS0052 Business No: SB0033	Site Name: Business Name:	Port Na Coite Tobermory Oysters				
Case Types: 1 ECI	2 3	4 5	6			
Water Temp (°C): n/a	Thermometer No:		FHI 045 completed			
Observations:	Region: ST	Water type: S	CoGP MA:			
Dead/weak/abnormally behavir Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken?	-	N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N				
UNI/REG only - if unable to car	ry out intended visit detail re	eason below:				

To e-mail contact details for; import and information about depuration plants, water category's and SAIC, Markers on rafts. 1,000 pacific oysters on site placed about 2 years ago. Site needs new tressels and have 20 that they are looking to put in place with a view to getting 100,000 20mm oysters from Morecombe Bay. Did not have a movement book. One left on site and future movement will be recorded. No bio security plan. Went through requirements with them and will agree one via e-mail. Advised to keep day diary with any observed mortalities or other issues. All stock to come from Morecombe. Considering the possibility of setting up an oyster hatchery in future.

Update; 9/5/18 - BMP agreed via e-mail covering all keep points. Have received an input of 100000 pacific oyster spat from Morecambe Bay oysters 1/5/18.

FHI 059, Version 11		_	Issu	ed by: FHI	_		Date of issue	e: 12/09/2017
Case No:	2018-0124		Site No:	SS0052				
Date of Visit:		16/04/2018]		Inspector(s):	AJW		
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y Y	
Site Details								
Total No facilities Species Age group No Fish	Pacific O growers 1,000	1	Facilities sto	cked	1	No facilities	s inspected	1
Mean Fish Wt	20-50g							
Next Fallow Date (S	ite)	none planed		Next Input Da	ite (Site)	spring 201	8	
Recent (last 4 wks) of the second (last 4 wks) o	disease probl	ems?		N	Any escapes	s (since last v	visit)?	N
Movement Records	S							
1. Movement record		r inspection?						N
2. Date of last inspects3. Are records comp		actly entered?	•					N/A
4. Are movement red		•						N/A
5. Are records comp								N/A
6. Are health certification	ates for introd	luctions (outw	rith GB) availa	able?				N/A
Transport Records								
1. Are any movemer If yes, is there a syst		• '	•	•				
Mortality Records								
Mortality records a	available for in	nspection?						N
2. How are mortalities		•			Domestic wa	ste - <25kg		
If other detail:								11/4
3. Mortality records of	•	correctly ente						N/A
4. Recent mortality (5. Evidence of recent	•	tunical martal	none					N/A
If yes, facility nos/no		•		/reason:				14/74
, see an	,, , .	.,						
6. Any other peaks in	n mortality du	ring period ch	ecked?					N/A
If yes, detail: 7. Have increased (u	inevalained)	mortalities ha	on reported to	vot or EUI2				N/A
If yes, detail action:	inexplained) i	nortailles de	ен төрөпей к	VELOI FIII!				IN//
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	RT case and e	enter on morta	ality 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)?		
If yes, 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?		N
2. Has the manner and frequency of mortality removal, recording and s	afe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Min	sters 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 su	spicion of the presence of a listed disease	
is detected been included and how and when that will be notified to So	ottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the fa	arm site been covered (equal or higher	
health status, certification if required)?		
6. Have the husbandry and biosecurity measures implemented between	,	
transmission of disease been covered (movement of staff, visitors, equ	· · · · · · · · · · · · · · · · · · ·	
7. Is documentation available regarding the measures in place to main	ain the physical containment of	
aquaculture animals held on site?		
8. Have the biosecurity procedures been adequately implemented on s	ite?	
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: none to check

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0124 SS0052 Site No: Date of Visit AJW 16/04/2018 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 0 2 10 2 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 Number of suppliers 0 5 10 Movements off Frequency of movements off within MSS Management 0 1 2 Frequency of movements off outwith MSS Management 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 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:	2018-0124			Date of visit	: 16/04/2018	3		
Site No:	SS0052]		Inspector	: AJW	1		
Results Summary	Freq. Date of Notification							
results cultillary	i ioq.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
				.				4
				<u> </u>				
				<u> </u>			.	+
	_			 	+			+
				+				
				1	1	 		+
				†				+
		f		1	1			
			-	-				
Report Summary				_				
Case Type ECI	Date	Insp	2 nd Insp DCB	_				
ECI	09/05/2018	AJW	DCB	_				
				_				
				4				
				4				
				4				
				4				
	+							
	+		+					





Tobermory Oysters 9 Fenton Barns Cottages North Berwick EH39 5AN

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0033Date of Visit16/04/2018Site NoSS0052Site NamePort Na CoiteInspectorAmanda WalkerCase No20180124

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 not available for inspection.

Mortality records were not available for inspection.

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

The biosecurity measures plan for the site was not available for inspection.

Following discussions during the visit and subsequent e-mail communications a site specific biosecurity measures plan has been established. It was agreed that any future observed moralities will be recorded in a day diary and a movement book was left on site for recording any future shellfish movement on and off site.

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

Date: 09/05/2018

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

FHI 059, Version 11	Issu	ued by: FHI	Date of issue: 12/09/2017			
Case No: 2018-0125			Date of visit: 18/04/2018			
Time spent on site:	0.5hrs	Main Inspect	tor: AJW			
Site No: FS0634 Business No: FB0125	Site Name: Business Name:	Loch Spelve (A) Scottish Sea Farms Ltd				
Case Types: 1 REG	2 3	4 5	6			
Water Temp (°C):	Thermometer No:	T146	FHI 045 completed			
Observations:	Region: ST	Water type: S	CoGP MA: M-39			
Dead/weak/abnormally behaving Clinical signs of disease obsertions pathology observed? Diagnostic samples taken?		N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N				
UNI/REG only - if unable to car	rry out intended visit detail rea	ason below:				

Site fallow since November 2017 with no plans to restock. Plan to increase from 8 to 12 Cages at B. Site A to be inactivated.

Two cages on site to be removed within the next month.

All fish on site moved to Spelve B. Moved in Wellboat and treated with salmosan and peroxide during transfer

No health issues prior to move. Issue with seal at A and B. Single seal shot at A and B and issue appears to be resolved.

Site visited by FHI at beginning of Nov 2017 when stocked. Was fallow by end Nov 2017.

FHI 059, Version 11		_	Issu	ed by: FHI	_		Date of issu	e: 12/09/2017	
Case No:	2018-0125		Site No:	FS0634					
Date of Visit:		18/04/2018]		Inspector(s):	AJW]	
Registration/Authorisation Details 1. Business/site details summary checked by site representative? 2. Changes made to details? Y Y									
Site Details									
Total No facilities Species Age group No Fish	fallow	2	Facilities sto	cked	0	No facilitie	es inspected	2	
Mean Fish Wt									
Next Fallow Date (S	ite)	fallow since	Nov 2017	Next Input Da	ite (Site)	no plans to	o restock		
Recent (last 4 wks) of the second (last 4 wks) o	disease probl	ems?		N/A	Any escapes	s (since last	visit)?	N	
Movement Records	S								
 Movement record Date of last inspec 	ction:	·					08/11/2017	Y	
 Are records comp Are movement rec 		•		,				Y N/A	
5. Are records comp								N/A	
6. Are health certification		•		able?				N/A	
Transport Records									
1. Are any movement of yes, is there a systematical syste		• '		,					
Mortality Records									
Mortality records a	available for in	nspection?						N/A	
2. How are mortalities		•			Incinerated -	on site			
If other detail:									
3. Mortality records of	•	correctly ent						N/A	
4. Recent mortality (•	turnical marta	fallow					N/A	
5. Evidence of recently yes, facility nos/no		•		/reason:				IN/A	
ii yee, raeiiity riee/rie			on per recently	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
6. Any other peaks in	n mortality du	ring period ch	necked?					N/A	
If yes, detail:	inevalained)	mortalitica ha	on reported to	yet or EUI2				N/A	
7. Have increased (ull figure year) detail action:	mexpialiteu) i	nortailles de	en reported to	VELUI FII!				IN/A	
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	IRT case and e	enter on morta	ality events	sheet.	N/A	

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?	
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).	
Pacards chacked between: Nov 2017 start to fallow	

Nov 2017 start to fallow.

Case No:	2018-0125			Date of visit	: 18/04/2018	В		
Site No:	FS0634]		Inspector	: AJW]		
Results Summary	Freq. Date of Notification							
resource Summary	1 104.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	+			+	+			+
				1	1			
				<u> </u>	<u> </u>			
Danast Cusassass			-	7				
Report Summary	Dete	la a a	and .	4				
Case Type Reg	Date	Insp	2 nd Insp DCB	4				
Reg	09/05/2018	AJW	DCR	4				
				4				
				4				
				4				
				-				
				4				
	+							
	+			1				
	+							





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0125Date of Visit18/04/2018Site NoFS0634Site NameLoch Spelve (A)InspectorAmanda WalkerCase No20180125

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. As there is no intention to restock this site in the foreseeable future it has been registered as inactive. Should you wish to restock the site at any stage please inform the fish health inspectorate prior to restocking.

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: 09/05/2018

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	Iss	sued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0126			Date of visit: 18/04/2018
Time spent on site:	5 hours	Main Ins	pector: AJW
Site No: FS0253 Business No: FB0125	Site Name: Business Name:	Loch Spelve (B) Scottish Sea Farms Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 7.3	Thermometer No:	Site	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA: M-39
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	· ·	N If yes, see additional	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.
UNI/REG only - if unable to care	ry out intended visit detail re	eason below:	

lumpfish from Anglesey. Wrasse all wild caught from D Lamont.

Wrasse and lump fish mixed in all cages.

This crop all fish mortalities are being disposed of by incineration on site. Contingency for disposal by Billy Bowie for larger numbers.

Morts were being attributed to seals in March 2018. Cages 6 and 7 targeted; in Jan 834 lost in cage 7 and 588 in cage 6. total morts for site in Jan; 2092. Feb morts for site; 1932 (cage 6; 493 (38263 fish in cage) and cage 7; 960 (39822 fish in cage)).

SLICE treatment; 29/1/18 -whole site, Salmsan and/or peroxide treatment in wellboat transfer. Thermolice 4/1/18 and March

Hoping for input 21000 lump fish from hatchery in Wales this week, transported by Migdale. Use creels to graded cleaner fish off prior to thermolicer. Reported wrasse were kept at Scallastle of 2ndry use but population was badly predated.

Lice currently; 0.58 average female. Hoping lump fish will start to work. Backup plan is thermolice.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	ie: 12/09/2017
Case No:	2018-0126		Site No:	FS0253	3			
Date of Visit:		18/04/20	118		Inspector(s):	AJW]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summar		y site representa	ative?			Y Y	}
Site Details								
Total No facilities		8	Facilities sto	cked	7	No facilitie	s inspected	8
0	Sal	wrasse	lumpsucked					
Species	2017 S1	adult	adult					
Age group No Fish	252,202	2,000	5,000			+		
	2.35	200g	50g					
Mean Fish Wt Next Fallow Date (S		Oct 2018	oog	Next Input Da	oto (Sito)	March 201	0	
TVEXT Allow Date (C	ite)	00.2010		Next input be		Iviai Cii Zo i	9	
Recent (last 4 wks)	disease pro	blems?		N	Any escapes	s (since last	visit)?	N
If yes, detail:								
Movement Records	•							
Movement record		for inspection	2					Y
2. Date of last inspe		Of iliopeolioi	l'				05/10/2016	
3. Are records comp		rrectly entere	ed?				03/10/2013	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 movemen		• •		•	•			N
If yes, is there a syst	tem in place	for mainten	ance of transpor	rtation records	?			
Mortality Records								
Mortality records a	available for	inspection?						Y
2. How are mortalities		•			Incinerated -	on site		
If other detail:	JO GIOPETE	01.			11101110101010	OIT OILS		
3. Mortality records	complete ar	nd correctly e	entered?					Y
				ality approxima	ately 200/site	week attribut	ted to; unkno	wn,
4. Recent mortality (last 4 wks):			runts, physical	•			
5. Evidence of recer	nt increased	/atypical mor	rtalities?					N
If yes, facility nos/no	mortality pe	er facility/no s	stock per facility	/reason:				
6. Any other peaks in		<u> </u>						Y
If yes, detail:			ditional commen					NI/A
7. Have increased (u	unexplained) mortalities	been reported to) vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality ev	(antal baan i	reported to E	UIO If no odd M	IDT aggs and a	ontor on mort	ality avanta s	hoot	Y
o. Have mortality ev	ents peen i	eponed to r	mr ii no, add ivi	ik i case and e	anter on morta	anty everns s	nieet.	

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

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?	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.)?	V
7. Is documentation available regarding the measures in place to maintain the physical containment of	ī
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?	Y
If yes, detail (if not detailed under recent disease problems).	
Gill issues, AGD Nov 2017.	
Records checked between: Input, Nov 2017 to date	

٠.	ii 055, version i i							100	ded by.				
	Case no:	2018-01	126	Site No:		FS0253			Date of Samplin		18/0	04/2018	
	Priority samples:	VI		ВА		PA		MG		g. HI			
	Time sampling starts/ends: Environmental conditions:		0:00 Indoors		0:00] 3	Inspecto	or:	AJW	5	VMD No	o.	12
	Summary samples	HIST	macoro	BA		MG				PA		Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2	3									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	2kg	2kg	2kg									
	Sex												
	Water Type	SW	SW	SW									
Stock Details	Stock Origin Facility No	ധ Loch Spelve A	Loch Spelve A	ω Loch Spelve A									
			1	0									

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

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017
Case Number:	2018-0126		Site No:	FS0253		Insp:	AJW
Date of Visit	18/04/2018		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	
	Number of sup	ncluding third country	0			14	-
Mayamanta aff			0				10
Movements off	Frequency of m		0			10	3
Exposure via water	1.10.1.00.01.000	Site contacts	0				
Water contacts with other farms (holding species	Farm is protect disinfection or I	ed (secure water supply through	0				
susceptible to same		or in a coastal zone with category I					-
diseases)	farms upstrean	n or within 1 tidal excursion	1	2	4		1
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V					
	farms upstrean	n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing own	n fish (re-cycling risk)	1	1			
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	from zone or compartment of us	4				
	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	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	Inpasteurised feed	0	1			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	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			1			0
100000 10 00000	No		2				
					Total Rank		17 MEDIUM
					Nailk		INICOLOIM

						-	
Case No:	2018-0126		Si	te No:	FS0253		
	(Seawater Sites Only) enced sea lice problems	in the provious 4 years	2				V
•	•	•		, ainala w	aar alaaa baaia?		ĭ V
	Management Area (or ed		_				Y
azamethiphos and em can these be deployed	access to a range of lice amectin benzoate) as wast in a reasonable period cumented farm manage equivalent)?	well as access to suitable of time?	ole biological and	d/or mecl	hanical control measu	ures, and	Y
•	ecords available for insp	pection? (Legal SSI, Co	oGP Annex 6)			ſ	Υ
	tely 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 below (CoGP Annex 6)	ow the suggested criter	ria for treatment	in the Co	oGP during the period	that	Υ
8. Have average adult records are inspected	female sea lice (L. saln??	nonis) numbers per fish	h been at a leve	l of 3 or a	above during the perio	od that	Y
If yes, have these bee	n reported to the Fish H	ealth Inspectorate? If n	no, FHI see com	ment.			N
9. Is <i>C. elongatu</i> s infe	station at a level which	is considered to cause	significant welfa	are proble	ems? (CoGP 4.3.81, 5	5.3.50)	N
•	reatments been administreatment or where <i>C. e</i>						Y
11. Has any other acti	on been taken (where a	pplicable)?				ſ	Υ
12. Have therapeutic t	reatments or the actions	s taken had a significan	nt impact upon th	he lice le	vels recorded?	ŀ	Υ
13. Are treatments, wh	nere conducted, carried	out in cooperation betw	veen participatin	ng farms?	>	ŀ	N/A
	ng strategy for the site,	·	•	~			N
•	cific written lice manage scalation of a sea lice in	•	aypoints describ	oing set a	actions to deal with re	cognised	Υ
16. Does the stock on reasons.	site appear satisfactory	in relation to sea lice lo	evel and sea lice	e count d	lata? If no please deta	ail	Υ
Containment Inspect	ion						
•	enced equipment damag	ge due to predators in the	he current or pre	evious pro	oduction cycles?	ſ	N
	ace to mitigate against the					ŀ	Υ
A.D.D., M.M.L., Ten	sioned Nets, Top Nets	s					
If other, detail below	·						
3. Have escape incide	ents or events been exp	erienced on or in the vi	icinity 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	l local fisheries trusts fo	orthwith (where t	they exist	t)? (CoGP – 4.4.37, 5	5.4.17)	
7. Were methods (if ar	ny) used to recover esca	apees? If yes give deta	il				
8. If all nets were den	loyed was this action ag	reed with local wild fish	n interests and w	vas nerm	ission given by Scotti	sh	
Ministers? (Legal, Co0		need with local wild his	Timeresis and v	vas perm	ission given by ocotti		
	ken to prevent and minir	mise the risk of further	escapes? (Not o	covered in	n code but could		
	er satisfactory measur						
	ed as satisfactory with re	, and the second	If no, please de	etail reaso	on(s)		Y

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: 2018-0126	Site No: FS0253	
Date of Visit: 18/04/2018	Inspector: AJW	
Point of Compliance		
1. Is the farm under inspection located volume of N, no further questions require complete.		Y
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 relevan5. Does the FMAg/S identify the fish farr	It farm management area? In site(s) to which it applies? It commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health Manag	ement	
farm? 9. Does the FMAg/S identify the vaccina 10. Does the FMAg/S identify the specie 11. Does the FMAg/S identify the maxim individual farm?	m health standards for the stocks to be introduction requirements for stocks held in the area of the stocking density of any pen on any farm in the storage and disposal of any dearm?	or farm? Y or farm? Y n the area or the
Arrangements for The Management of	of Sea Lice	
13. Does the FMAg/S identify arrangem	ents for the sharing of data on sea lice numbe	ers and treatments?
of statement? 15. Does the FMAg/S identify any requir lice on farms in the area or individual far 16. Does the FMAg/S identify the circumused on farms in the area or individual far	nstances under which biological controls and c	reatments for sea Y cleaner fish are to be
Live Fish Movements		
area or farm?	nstances 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 accepta	able harvest practices on farms in the area or individ	lual farms?
Fallowing		
21. Does the FMAg/S identify the date date when a farm or area may be rest	es by which the area or individual farm will be fallow tocked?	and the earliest Y
•	r one or more year classes may be stocked onto site	es covered by the Y
	r broodstock or potential broodstock are to be kept ont?	on any site
Point of Compliance for Farm Mana	agement Agreements Only	
24. Does the farm management agree parties to the agreement?	ement include arrangements for persons to become	e, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed an	nd operated in accordance with the agreement or sta	atement?
26. What is the version no/date of issu	ue of the FMAg/S? 3/3/17 -review 2019.	

Site No: FS0253

Case No: 2018-0126

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0126			Date of visit:	18/04/2018]			
Site No:	FS0253	1		Inspector:	AJW]			
Results Summary	Тгоа			Date of Notification					
Results Summary	Freq.	Database	Insp		Insp	Writing	Insp	2 nd Insp	
						Ü	·	Z mop	
	<u> </u>								
	†							1	
	1								
	+								
	+								
Report Summary				1					
Case Type	Date	Insp	2 nd Insp	1					
Case Type ECI, SLI, CNI, VMD	09/05/2018	AJW	DCB	1					
	 								
	+								





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0125Date of Visit18/04/2018Site NoFS0253Site NameLoch Spelve (B)InspectorAmanda WalkerCase No20180126

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 have had average adult female *Lepeophtheirus salmonis* ('sea lice') per fish counts of 3 or above. These counts had not been reported to the Fish Health Inspectorate as part of the required measures to demonstrate that satisfactory measures are in place for the control of sea lice. Where the average adult female sea lice per fish count reaches 3 or above this must be reported to the Fish Health Inspectorate within seven days of the date of the count. Please ensure that future counts that exceed the reporting level are reported to the Fish Health Inspectorate.

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

Date: 09/05/2018

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

FHI 059, Version 11	Is	sued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0130			Date of visit: 16/04/2018
Time spent on site:	1.5 hours	Main Insp	pector: ASM
Site No: FS0544 Business No: FB0317	Site Name: Business Name:	Glen Orrin Fish Farm Glen Orrin Fish Farm	
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6
Water Temp (°C): 10	Thermometer No:	T172	FHI 045 completed
Observations:	Region: HI	Water type: F	CoGP MA:
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?		N If yes, see additional	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detail r	eason below:	

Ova on site from stripping of own fish on 14/01/18. About 50% of ova (not eyed yet) lost February-March due to poor water quality after the loch that feeds the ponds froze.

No fish moved onto the site. Only own fish stripped.

No treatments undertaken since 2014.

Fish go for restocking of fisheries

Fish sampled for VMD appearred healthy externally and internally

FHI 059, Version 11			Iss	ued by: FHI			Date of issu	ie: 12/09/2017
Case No:	2018-0130		Site No:	FS054	4			
Date of Visit:		16/04/201	.8		Inspector(s):	ASM]
Registration/Authornamental 1. Business/site detail 2. Changes made to	ails summary		site represent	tative?			y n	}
Site Details								
Total No facilities		20	Facilities sto	ocked	5	No faciliti	ies inspected	20
Species	RTR	RTR	RTR	RTR	RTR			
Age group	2014	2015	2016	2017	Ova			
No Fish	20	300	2,500	3,500	~10,000			
Mean Fish Wt	800g	400-800g	200-400g	100g	<1g			
Next Fallow Date (S	ite)	No plans		Next Input D	Date (Site)	No plans		
Recent (last 4 wks)	disease prob	olems?			N Any escapes	s (since last	t visit)?	N
If yes, detail:								
Movement Records	s							
Movement record		or inspection	7					Y
2. Date of last inspe		n mopes					04/09/2017	
3. Are records comp		rectly entered	J?					Y
4. Are movement re		•		?				Y
5. Are records comp								N/A
6. Are health certific	ates for intro	ductions (out	with GB) avail	lable?				N/A
Transport Records								
1. Are any movemen		• '	•	· ·	•			Y
If yes, is there a sys	tem in place	Tor maintena	nce of transpo	ortation records	5?			
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortalities		•			Domestic wa	aste - <25kç	g	
If other detail:								
3. Mortality records		d correctly en						У
4. Recent mortality (`			e to being over	mature.			
5. Evidence of recer		• •						N
If yes, facility nos/no	mortality pe	r facility/no st	ock per facility	y/reason:				
6. Any other peaks i	n mortality d	uring period (checked?					N
If yes, detail:	Tillorianty 2.	aning ponde s	moonod.					
7. Have increased (u	unexplained)	mortalities b	een reported	to vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	eported to FF	II? If no, add I	MRT case and	enter on morta	ality events	sheet.	N/A

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

Treatments and Medicines Records								
1. Recent treatments (last 4 wks)?	N							
If yes, detail:								
If other, detail:								
2. Medicines records available for inspection?	Y							
3. Are records complete and correctly entered?	Y							
4. Are fish in a withdrawal period?	N							
5. If yes, what treatment(s)?								
If other, detail:								
6. Are medicines stored appropriately?	N/A							
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								
health status, certification if required)?								
6. Have the hughendry and his courity managers implemented between each enidemiclasical 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/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: 04/09/17 - 16/04/18

П	al 059, version i i							155	ueu by. i	FT111			
	Case no:	2018-01	30	Site No:		FS0544			Date of Samplin		16/0	04/2018	
	Priority samples:	VI		ВА		PA		MG		g. HI			
	Time sampling starts/ends:	13:0	0:00		0:00		Inspecto	or:	ASM		VMD No	o. I	1
	Environmental conditions:	1	Sunny	2	Dry	3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1											
	Pool Group												
	Species	RTR											
	Average weight	0.3000											
	Sex	N/A											
	Water Type	FW											
		rm											
		Fa											
		sh											
		正											
<u>0.</u>		iri											
Details		Ō											
Ä	Staals Origin	Glen Orrin Fish Farm											
Stock	Stock Origin Facility No												
S.	Tacility NO	2											

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:	2018-0130			Site No:	FS0544		Insp:	ASM
Date of Visit	16/04/2018		No of mo	ovements/s	upp./dest.		Score	
Live fish movements				0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivaler	nt MS	0	5	10	14	
with GB) of susceptible species		novements on from equivaler	0	0	10	26		
	Number of sup	cluding third country	0	9 5	18 10	26 14	-	
NA	Frequency of m							10
Movements off	0	3	6	10 10	10			
Exposure via water	Number of des		e contacts	0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or l	ed (secure water supply thro porehole)	ough	0				
susceptible to same diseases)	farms upstream	or in a coastal zone with cat or within 1 tidal excursion		1	2	4		1
	farms upstream	or in a coastal zone with cat n or within 1 tidal excursion		1	3	6		
		or in a coastal zone with cat n or within 1 tidal excursion	tegory V	1	4	8		
Management practices				None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjac	ent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro			0				0
	Processing own	n fish (re-cycling risk)		1				
		from MS of equivalent statu		2				
	equivalent statu		of	4				
		from Category III farm		8				
	Processing fish	from Category V farm		10				
Disposal of fish and fish by-	Site's own was	e only processed.		0				0
products	Common proce	sses with other farms		3				
	Collection poin	for waste from other farms		5				-
Use of unpasteurised feeds	No feeding of u	npasteurised feed		0				0
·	Feeding unpas	•		5				H
Biosecurity		Numb	er of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0	1	2		0
	Sites sharing s	aff and equipment		0	1	2		0
Disinfection of equipment	Yes			0				0
between sites, use of footbaths etc	No			1				
CoGP/Regulator								
Practices in accordance with regulator or industry	Yes			0				
code of practice	No			3				3
Platform access to cages	Yes			0				0
	No			2				
						Total Rank		17 MEDIUM

Case No:	2018-0130		Site No:	FS0544	
Sea Lice Inspection (1. Has the site experie	Seawater Sites Only) nced sea lice problems in	he previous 4 years?			
2. Is the CoGP Farm M	Management Area (or equiv	alent) fallowed synchronous	ly on a single y	ear class basis?	
azamethiphos and ema	amectin benzoate) as well in a reasonable period of cumented farm manageme	ed in-feed and bath sea lice r as access to suitable biologi time? ent agreement or statement re	cal and/or mec	hanical control measur	res, and
•		ion? (Legal SSI, CoGP Anne	ex 6)		
		ndard specified in the SSI and	•	egal SSI, CoGP Anne	(6)
7. Are sea lice (<i>L. salm</i> records are inspected?		the suggested criteria for trea	atment in the Co	oGP during the period	that
8. Have average adult records are inspected?		is) numbers per fish been at	a level of 3 or a	above during the period	d that
If yes, have these been	reported to the Fish Heal	th Inspectorate? If no, FHI se	e comment.		
9. Is C. elongatus infe	station at a level which is o	onsidered to cause significar	nt welfare proble	ems? (CoGP 4.3.81, 5	.3.50)
		ed or other actions taken who gatus is considered to have water			
11. Has any other action	on been taken (where appl	cable)?			
12. Have therapeutic tr	reatments or the actions ta	ken had a significant impact	upon the lice le	vels recorded?	
		in cooperation between partiere fewer populations or part			t for
15. Is there a site spec	ific written lice manageme scalation of a sea lice infes	nt procedure with waypoints of tation?	describing set a	actions to deal with rec	ognised
16. Does the stock on reasons.	site appear satisfactory in	relation to sea lice level and	sea lice count o	data? If no please detai	1
Containment Inspect	ion				
•		ue to predators in the curren	t or previous pr	oduction cycles?	N
2. Are measures in pla	ce to mitigate against the p	oredation experienced on site	? (Detail below	<i>ı</i>)	Y
Tank lids/covers, To	p Nets				
If other, detail below:					
0.11				1 (5111)	N
•	·	enced on or in the vicinity of the	ne site since th	e last FHI inspection?	IV.
•	estions $4 - 9$. If No skip to ported to Scottish Ministers	•			
4. Have these been rep	Softed to Scottisti Willisters)			
5. Have these been rep	ported to local DSFB forthy	vith (where they exist)? (CoG	P - 4.4.37, 5.4	1.17)	
6. Have these been rep	ported to the SSPO and lo	cal fisheries trusts forthwith (v	where they exis	et)? (CoGP – 4.4.37, 5.4	4.17)
7. Were methods (if ar	y) used to recover escape	es? If yes give detail			
8. If gill nets were depl	oyed was this action agree	d with local wild fish interests	and was perm	nission given by Scottis	h
Ministers? (Legal, CoG					
9. What action was tak	en to prevent and minimis	e the risk of further escapes?	(Not covered i	n code but could	
	r satisfactory measures				
10. Is the site inspecte	d as satisfactory with rega	ds to containment? If no, ple	ase detail reas	on(s)	Υ

Issued by: FHI

Date of issue: 12/09/2017

FHI 059, Version 11

Case No:	2018-0130			Date of visit:	16/04/2018			
Site No:	FS0544	1		Inspector	ASM	1		
Results Summary	Freq.	<u> </u>			ite of Notifica	tion		
Nesults Summary	1 164.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	+	1			†			
D	_			1				
Report Summary	D /		- nd -	_				
Case Type ECI, CNI, VMD	Date	Insp	2 nd Insp	_				
ECI, CNI, VIVID	24/04/2018	ASM	KAS	-				
				_				
	+	-		-				
				-				
				-				
		1		-				





Glen Orrin Fish Farm Glen Orrin Lodge Urray, Muir of Ord Ross-shire IV6 7UL

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0317
SITE NO FS0544
INSPECTOR Andy Mayes

DATE OF VISIT 16/04/2018
SITE NAME Glen Orrin Fish Farm
CASE No 20180130

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.

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

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

Inspection under the 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 with respect to section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory.

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

Signed: Date: 24/04/2018
Fish Health Inspector

FHI 059, Version 11	Is	sued by: FHI	Date	e of issue: 12/09/2017
Case No: 2018-0131			Date of visit	t: 17/04/2018
Time spent on site:	2 hours	Main	Inspector:	ASM
Site No: SS0893 Business No: SB0539	Site Name: Business Name:	Keoldale Kyle of Durn Cowrie Associates Ltd		
Case Types: 1 ECI	2 3	4 5	6	
Water Temp (°C): 9.2	Thermometer No:	T172	FHI 045 cor	mpleted
Observations:	Region: HI	Water type: S	CoGP M	IA:
Dead/weak/abnormally behavir Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	· ·	N If yes, see addition	onal information/clinica onal information/clinica onal information/clinica	al score sheet.
UNI/REG only - if unable to car	ry out intended visit detail r	eason below:		

Additional Case Information:

Currently harvesting 2014 CGI. Bought in at 10g. Survival rate of about 80%.

Stock bought in from Caledonian Oysters in April 2017 and Guernsey Seafarms.

Currently grading stock from Guernsey

Mortality record kept

Increase in production to begin this year with 400 extra trestles to be added beginning May

Deputation facility to start up in cummer

Depuration facility to start up in summer

Grade B water in June to December, grade A rest of year

The manager is soon to get rid of the native oysters as they are slow to grow.

FHI 059, Version 11			Is	sued by: FHI			Date of issu	ue: 12/09/2017
Case No:	2018-0131		Site No:	SS089	93			
Date of Visit:		17/04/20	018		Inspector(s)): ASM		1
Registration/Authornament 1. Business/site deta 2. Changes made to	ails summary		y site represer	ntative?			y n	}
Site Details								
Total No facilities		247	Facilities s	stocked	210	No facilitie	es inspected	247
Species	CGI	OED	CGI	CGI				
Age group	2014	2015	2017	2017				
No Fish	25,000	10,000	100,000	220,000				
Mean Fish Wt	50g	10g	25g	2-3g				
Next Fallow Date (S	ite)	No plans		Next Input D	Date (Site)	May 2018	}	
Recent (last 4 wks)	disease prol	blems?			N Any escape	s (since last	visit)?	N
If yes, detail:								
Movement Records	s							
1. Movement record	ls available f	or inspection	n?					у
2. Date of last inspe							23/08/2016	
3. Are records comp		•						У
4. Are movement re				e?				Y
5. Are records comp		•						Y
6. Are health certific	ates for indic	ductions (o	utwith GB) ava	ailable?				
Transport Records								
1. Are any movement of yes, is there a sys					-			
	tem in piace	101 IIIamion	ance or trainsp	Ortation record	Sf			
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortalities					Other (detai	il)		
If other detail:				n roads and fed	to chickens			
3. Mortality records	complete an	nd correctly e	entered?					Y
4. Recent mortality ((last 4 wks):		Two most	likely due to ha	ndling damage	e		
5. Evidence of recer		• •						N
If yes, facility nos/no	mortality pe	er facility/no	stock per facili	ity/reason:				
6. Any other peaks i	in mortality (during period	d chacked?					N
If yes, detail:	Il Illortanty G	uning penda	CHECKEU:					
7. Have increased (unexplained) mortalities	been reported	to vet or FHI?				N/A
If yes, detail action:	•							
8. Have 'mortality ev	vents' been r	reported to F	HI? If no, add	MRT case and	enter on mort	tality events	sheet.	N/A

Issued by: FHI	Date of issue: 12/09/2017
	Issued by: FHI

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?	
Diagonwity Decords	
Biosecurity Records	
Biosecurity records available for inspection?	V
Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Ÿ
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
indicased (anexplained) 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 <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?	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: 23/08/16 - 17/04/18

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0131 SS0893 Site No: Date of Visit 17/04/2018 ASM 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 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 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 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 1 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 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

Site No: Sobsystate Sobsy	Case No:	2018-0131			Date of visit	: 17/04/2018	3		
Results Summary Freq. Database Insp Phone Insp Writing Insp 2nd Insp Insp Insp Insp Insp Insp Insp Insp	Site No:	SS0893	1		Inspector	: ASM	1		
Database Insp	Danisha Communica						· · · · ·		
Report Summary	Results Summary	Freq.	Database	Insp				Insp	2 nd Insp
Report Summary Report Summary Case Type Date Insp ECI 24/04/2018 ASM KAS Insp ECI ASM ASM KAS Insp ECI ASM ASM Case Type Date Insp ECI ASM ASM KAS Insp ECI ASM ASM KAS Insp ECI ASM ASM ASM ASM ASM ASM ASM AS				-			Ŭ		2 11100
Report Summary Case Type Date Insp Ins									
Report Summary Case Type Date Insp 2 2 d'04/2018 ASM KAS Insp Case Type Date Dat									
Report Summary Case Type Date Insp 2nd Insp 2nd Insp 2nd Insp ECI 24/04/2018 ASM KAS ASM KAS									
Report Summary Case Type Date Insp 2nd Insp 2nd Insp ECI 24/04/2018 ASM KAS ASM CASE									
Report Summary Case Type Date Insp Ins									
Report Summary Case Type Date Insp 2 nd Insp ECI 24/04/2018 ASM KAS									
Report Summary Case Type ECI 24/04/2018 ASM KAS CASE TYPE CASE T							1		_
Report Summary Case Type Date Insp ECI 24/04/2018 ASM KAS									
Report Summary Case Type Date Insp 2 nd Insp ECI 24/04/2018 ASM KAS								1	
Report Summary Case Type Date Insp 2nd Insp ECI 24/04/2018 ASM KAS					+	-			+
Report Summary Case Type Date Insp ECI 24/04/2018 ASM KAS							1		
Report Summary Case Type Date Insp ECI 24/04/2018 ASM KAS Insp									
Report Summary Case Type Date Insp ECI 24/04/2018 ASM KAS									+
Report Summary Case Type Date Insp 2nd Insp ECI 24/04/2018 ASM KAS Insp In									
Report Summary Case Type Date Insp 2nd Insp ECI 24/04/2018 ASM KAS									
Report Summary						Î	1		1
Report Summary Case Type Date Insp ECI 24/04/2018 ASM KAS									
Report Summary Case Type Date Insp 2 nd Insp ECI 24/04/2018 ASM KAS									
Report Summary Case Type Date Insp 2 nd Insp ECI 24/04/2018 ASM KAS									
Report Summary Case Type Date Insp 2 nd Insp ECI 24/04/2018 ASM KAS									
Report Summary Case Type Date Insp 2 nd Insp ECI 24/04/2018 ASM KAS									
Report Summary Case Type Date Insp 2 nd Insp ECI 24/04/2018 ASM KAS				-	_				
Case Type	Report Summary								
ECI 24/04/2018 ASM KAS	Case Type	Date	Insp	2 nd Insp					
	ECI	24/04/2018	ASM	KAS					
					4				
					4				
					4				
					-				
					-				
		+							
		+							
		+		+					





Cowrie Associates Ltd Easter Balfreish Galcantray Cawdor Nairnshire IV12 5XY

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0539DATE OF VISIT17/04/2018SITE NOSS0893SITE NAMEKeoldale Kyle of

Durness

INSPECTOR Andy Mayes Case No 20180131

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.

Signed: Date: 24/04/2018

Fish Health Inspector

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0132			Date of visit: 18/04/2018
Time spent on site:	15 mins	Main In	spector: ASM
Site No: SS0534	Site Name:	Rubh Armli	
Business No: SB0369	Business Name:	Cape Wrath Mussels	
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C):	Thermometer No:	T172	FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA:
Dead/weak/abnormally behavir	ng fish present?	If yes, see additiona	al information/clinical score sheet.
Clinical signs of disease observ	ved?		al information/clinical score sheet.
Gross pathology observed? Diagnostic samples taken?		If yes, see additiona	al information/clinical score sheet.
Diagnostic samples taken:			
UNI/REG only - if unable to car	ry out intended visit deta	il reason below:	

Additional Case Information:

Site inspected from the shore. Only mooring bouys on the site, no facilities.

Maybe using the site in the near future. At time of inspection the manager was in discussion with a colleague and the Crown Estate about installing headlines and droppers to get the site up and running again. The manager not sure about whether to inactivate the site or not yet. The manager will stay in touch and let me know what the plans are.

Site details checked over the phone

No movements onto or off the site in over 10 years

FHI 059, Version 11		_	Issu	ed by: FHI	_		Date of issu	e: 12/09/2017
Case No:	2018-0132]	Site No:	SS0534				
Date of Visit:		18/04/2018	3		Inspector(s):	ASM]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	itive?			Y N]
Site Details								
Total No facilities Species Age group No Fish	Fallow	0	Facilities sto	cked	0	No facilitie	es inspected	0
Mean Fish Wt								
Next Fallow Date (S	ite)	N/A		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	\$							
 Movement record Date of last inspect 	s available fo	r inspection?					10/09/2014	N/A
3. Are records comp		•						N/A
4. Are movement red								N/A N/A
5. Are records comp6. Are health certification		•		able?				N/A
Transport Records		•	,					
1. Are any movemer If yes, is there a syst		• •		•	•			
Mortality Records	, , , , , ,							
 Mortality records a How are mortalities 		•						N/A
If other detail:	es disposed o	1 !						
3. Mortality records of	complete and	correctly ent	ered?					N/A
4. Recent mortality (*							•
5. Evidence of recen		• •		/				N/A
If yes, facility nos/no	mortality per	racility/no sto	ock per racility.	reason:				
6. Any other peaks in	n mortality du	ring period cl	necked?					N/A
If yes, detail:								
7. Have increased (ulif yes, detail action:	ınexplained) ı	mortalities be	en reported to	vet or FHI?				N/A
8. Have 'mortality ev	ents' been re	ported to FHI	l? If no, add M	RT 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?	
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).	
Decords shooked between 10/00/44 19/04/49	

ords checked between: 10/09/14 - 18/04/18

Case No:	2018-0132			Date of visi	t: 18/04/20	18			
Site No:	SS0534	J		Inspecto	r: ASM	_			
Results Summary	Freq.	Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
	_								
	+		+	+	-			_	
	+								
				├					
				╄					
Report Summary	1	1		7					
Coss Type	Date	Inon	ond I	4					
Case Type REG	26/04/2018	Insp	2 nd Insp KAS	4					
REG	20/04/2018	ASIVI	NAS	4					
				4					
				4					
				4					
	+			4					
			1						
	İ								
			_						





Cape Wrath Mussels 38 Sangomore Durness By Lairg, Sutherland IV27 4PZ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0369Date of Visit18/04/2018Site NoSS0534Site NameRubh ArmliInspectorAndy MayesCase No20180132

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.

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: 26/04/2018

Fish Health Inspector

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0133			Date of visit: 25/04/2018
Time spent on site:	4 hrs	Main I	nspector: SAE
Site No: FS1239 Business No: FB0544	Site Name: Business Name:	Grampian Scotland	
Case Types: 1 DIA	2 3	4 5	6
Water Temp (°C): see info	Thermometer No:		FHI 045 completed
Observations:	Region: GR	Water type: B	CoGP MA:
Dead/weak/abnormally behaving	ng fish present?	Y If yes, see addition	nal information/clinical score sheet.
Clinical signs of disease observ	red?		nal information/clinical score sheet.
Gross pathology observed?		Y If yes, see addition	nal information/clinical score sheet.
Diagnostic samples taken?		Y	
UNI/REG only - if unable to car	ry out intended visit deta	il reason below:	

Additional Case Information:

Attended Moray Koi due to one batch of fish recently imported from Poland, via England showing lesions. Import received on 01/01/2018. Previous batched from Poland received in Oct/Nov 2017 have no issues. Fish from the same batch imported but separated on the first day are also showing similar lesions in a small indoor tank (22C). First 4 weeks the fish showed no signs of disease, issues started in week 5. Approximately 4-5 morts from this tank per week, but some weeks none at all. 2 dead fish were found in the tank on the day.

In Poland fish were kept at 1C, the fish were carefully acclimatised and the water temperature was slowly increased over several weeks. Temperature in the tank is currently being kept between 16-18C. All tanks have individual in and out flows, so none of the water is shared between different tanks. All tanks run on dechlorinated tap water, with individual water filter and UV for each tank.

Fish are not showing any unusual behaviour. 5 fish sampled, F1-F4 with lesions. F5 with just a small damage the caudal fin samples as healthy comparison.

	ai 059, version i i							133	ueu by. I				
	Case no:	2018-01	133	Site No:		FS1239			Date of Samplin		25/0	04/2018	25/0
	Priority samples:	VI		ВА		PA		MG		HI			
	Time sampling starts/ends:		80:00		0:00		Inspecto		SAE	e l	VMD No	o. 	
	Environmental conditions:	1	Sunny		Windy	3	Cloudy	4		5			
	Summary samples	HIST	Υ	ВА	Υ	MG	Υ	VI	Υ	PA	Υ	Total Sa	mples
A	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	CAR	CAR	CAR	CAR	CAR	CAR						
	Average weight	200g	200g	200g	200g	200g	200g						
	Sex	N/A	N/A	N/A		N/A	N/A						
	Water Type	FW	FW	FW	FW	FW	FW						
Stock Details		Polish stock imported 1 Jan 2018											
Ś	Facility No	N/A	N/A	N/A	N/A	N/A	N/A						

04/2018	Addition Brain sa	nal Sam ampled	ple Infor for histo	mation: logy.						
6		Total To	ests ass	igned	4					

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

Case no: 2018-0133 Site No: FS1239 Method of killing: Anaesthetic

Case no:	2018-0133	Site No:		FS1239		M	Method of killing: Anaesthetic				
Date of visit:	25/04/2018		Inspector(s): SAE		Sheet Relevant: Y						
S for strong preser	for strong presence: M for medium presence: W for v		weak presence								
Fish Number	· ·	F1	F2	F3	F4	F5					
	er death (if > 45 minutes)										
External Signs											
Behaviour	Moribund										
	Lethargic										
	Hanging vertical										
	Spiralling										
	Flashing										
	Loss of equilibrium										
Body	Dark										
	Distended abdomen				_		_				
	Anorexic										
	Scale Oedema				_						
Opercula	Shortened										
Haama mile	Flared										
Haemorrhaging	Throat										
	Ventrum										
	Base of fins										
Evos	Elsewhere Exophthalmic										
Eyes	Enophthalmic (sunken)										
	Cataract										
	Haemorrhagic										
Gills	Pale										
Oms	Zoned					W					
	Necrotic										
Lesions	Flank	S	s	М	S						
20010110	Elsewhere			M							
Vent	Inflamed										
	Trailing faeces										
Lice Load	Estimate numbers										
Internal Signs											
Ascites	Clear										
	Bloody		W								
Oedema	In tissues										
Heart	Pale/anaemic										
	Granulomas						100				
	Deformed						W				
Liver	Petechial haem										
	Gross haem										
	Tissue breakdown										
	Enlarged										
	Cranulamas										
	Granulomas										
Pyloric caeca	Lesions Petechial haem	W									
i yioric caeca	Tubules mauve	VV									
	Lack of fat										
Spleen	Enlarged										
Оріссії	Granulomas										
Gut	No food present										
- u	Yellow pseudo-faeces										
	External haem										
	Internal haem										
Body wall	Haemorrhaging										
Swim bladder	Haemorrhaging										
Sidddoi	Fluid filled										
Kidney	Swollen										
	Grey										
	Granular										
	Liquefied	S									
General	Parasites present										
	Anaemia										

Case no: 2018-0133

Date of visit:	25/04/2018					
	ce: M for medium presence: W for w	 		 	 	
Fish Number						
	er death (if > 45 minutes)					
External Signs Behaviour	Moribund					
benaviour	Lethargic					
	Hanging vertical					
	Spiralling					
	Flashing					
	Loss of equilibrium					
Body	Dark					
	Distended abdomen					
	Anorexic					
	Scale Oedema					
Opercula	Shortened					
	Flared					
Haemorrhaging	Throat Ventrum					
	Base of fins					
	Elsewhere					
Eyes	Exophthalmic					
	Enophthalmic (sunken)					
	Cataract					
	Haemorrhagic					
Gills	Pale					
	Zoned					
	Necrotic					
Lesions	Flank					
Vent	Elsewhere					
vent	Inflamed Trailing faeces					
Lice Load	Estimate numbers					
2.00 2000	Estimate name of					
Internal Signs						
Ascites	Clear					
	Bloody					
Oedema	In tissues					
Heart	Pale/anaemic					
	Granulomas					
Liver	Deformed Petechial haem					
Livei	Gross haem					
	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					
Out	Yellow pseudo-faeces					
	External haem					
	Internal haem					
Body wall	Haemorrhaging					
Swim bladder	Haemorrhaging					
	Fluid filled					
Kidney	Swollen					
	Grey					
	Granular					
Comorel	Liquefied Persoits present					
General	Parasites present Anaemia					
	Anaemia					

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/0
Additional comments:		
F1 + F4 perfect gills, F2 dark lines on gill	ls (see photo), F3 damaged gills, shortened la	amellae (see photo)
F1-F4 large lesions in different places, Fasome fungus like looking	3 multiple smaller lesions/ places that appear	ed that the tissue was dissolving,
F5 health with just a very small damage	on the caudal fin	
F4+F5 feeding, difficult to tell in other fish	h	
None of the fish were exhibiting unchara	cteristic behaviour.	

Site No: FS1239

Case No: 2018-0133

Nature of non-compliance:

Action taken (FHI):

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

Case No: 2018-0133 Date of visit: 25/04/2018

Site No: FS1239 Inspector: SAE

Results Summary	Freq.		Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
MG-SVC like	0/1	01/05/2018	SAE	04/05/2018	SAE	11/06/2018	SAE	PMM		
MG-KHV	0/1	01/05/2018	SAE	04/05/2018	SAE	11/06/2018	SAE	PMM		
GPAT	5/5	04/05/2018	SAE	04/05/2018	SAE	11/06/2018	SAE	PMM		
SKIN	4/5	04/05/2018	SAE	04/05/2018	SAE	11/06/2018	SAE	PMM		
HPAT	2/5	04/05/2018	SAE	04/05/2018	SAE	11/06/2018	SAE	PMM		
KPAT	5/5	04/05/2018	SAE	04/05/2018	SAE	11/06/2018	SAE	PMM		
PSFL	3/5	10/05/2018	DCB	09/05/2018	DCB	11/06/2018	SAE	PMM		
CHRY	4/5	10/05/2018	DCB	09/05/2018	DCB	11/06/2018	SAE	PMM		
AERO	4/5	10/05/2018	DCB	09/05/2018	DCB	11/06/2018	SAE	PMM		
SVCV	0/1	17/05/2018	WJM	17/05/2018	WJM	11/06/2018	SAE	PMM		
MG-CHV	0/1	17/05/2018	WJM	17/05/2018	WJM	11/06/2018	SAE	PMM		
MG-CEV	0/1	21/05/2018	SAE	17/05/2018	WJM	11/06/2018	SAE	PMM		
Dactylogyrus	4/5	21/05/2018	SAE	21/05/2018	SAE	11/06/2018	SAE	PMM		

Report Summary			
Case Type	Date	Insp	2 nd Insp
DIA	11/06/2018	SAE	PMM





62 East Church Street Buckie Moray AB56 1ER

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0544 **DATE OF VISIT** 25/04/2018

SITE No FS1239 SITE NAME Grampian - Moray Koi

INSPECTOR Svenja Elwenn CASE No 20180133

Section 1: Summary

Five ornamental koi carp were sampled for diagnostic purposes following reports by the owner of increased mortalities and lesions present on the fish.

Histopathological examination revealed mild proliferative branchitis, ulcerative dermatitis with the presence of mixed bacteria and skeletal muscle necrosis. F5 also showed a mild cardiomyositis.

Pseudomonas fluorescens, Chryseobacterium sp. and Aeromonas sp. were isolated. The level and purity of growth would not suggest these bacteria being a primary cause of morbidity, however all of these organisms are known as potential fish pathogens.

Dactylogyrus extensus a gill fluke commonly found in cyprinids was also identified. The numbers of parasites found are unlikely to have had serious detrimental effects on the fish and were more typical of "background" fauna.

The cause of fish mortality experienced on site remains undetermined.

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 fish health inspectorate received a phone call from Moray Koi on the 23 April 2018 regarding one tank of ornamental koi carp showing lesions. This batch of fish had been imported from Poland on 01 January 2018. Fish from the same batch that were separated on the first day are

R09

also showing similar lesions in a small indoor tank at 22°C. Previous imports from the same supplier in Poland in October and November 2017 have not showed any lesions or other signs of disease. In Poland the fish were kept at 1°C, upon arrival in Scotland they were carefully acclimatised and the water temperature was slowly increased over several weeks. Temperature in the tank has been kept between 16-18°C. All tanks have individual in and out flows, no water is shared between the different tanks. All tanks run on dechlorinated tap water, with individual water filter and UV for each tank.

In the first four weeks the fish showed no signs of disease, however fish started to develop lesions in week five. Since then approximately 4-5 morts per week are experienced from this tank, with some weeks showing no mortality. Two dead fish were found in the tank on the day of the visit. The fish were not showing any unusual behaviour. Five fish in total were sampled, F1-F4 with lesions on the flank, the ventral surface and towards the caudal fin and F5 sampled as a healthy comparison with a small area damage to the caudal fin. Some discolouration on the gills was noted in F2, with F3 showing damaged gills with shortened lamellae and the gills in F5 appeared slightly zoned. Internally, F1 showed minimal petechial haemorrhaging on the pyloric caeca, with the kidney appearing liquefied. F2 had some bloody ascites in the body cavity and F5 seemed to have some deformation to the heart.

<u>Samples</u>

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

Fish number	Pool number	Species	Stage	Origin
F1 – F5	P1	Cyprinus carpio	MVG	Imported from Poland on 01/01/2018

Results

Bacteriology: Kidney, spleen and lesion material from five fish was inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated from fish F1-F5:

- Pseudomonas fluorescens found in fish: F2 -F4 (lesion)
- Chryseobacterium sp. found in fish: F1 & F4 (kidney, lesion); F2 & F3 (lesion)
- Aeromonas sp. found in fish: F1-F5 (kidney, lesion)

All of these organisms are known as potential fish pathogens.

From the tests conducted on *Aeromonas* sp. isolate, we do not have evidence of resistance to amoxycillin, oxytetracycline, florfenicol or sulphamethoxazole.

From the tests conducted on the *Chryseobacterium* sp. isolate, we have evidence which may indicate some resistance to oxytetracycline and florfenicol, but no resistance to amoxycillin and sulphamethoxazole.

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

The samples tested negative for koi herpesvirus (KHV), cyprinid herpesvirus (CHV), spring viremia of carp (SVC-like) and carp edema virus (CEV).

R09

Tissue samples were tested for the presence of SVC-like viruses by cell culture. The result of this test was negative.

Parasitology: Gill arches were collected to determine the presence of parasites using light microscopy and molecular techniques (PCR) with sequencing.

From fish F1-F5 eight *Dactylogyrus* sp. were observed. Partial 18S and ITS sequencing confirmed these as *Dactylogyrus extensus*.

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

Histopathological examination by light microscopy revealed the following:

<u>Gill:</u> Mild multifocal to diffuse interlamellar hyperplasia (F1-F5), mainly noted distally (F1). Some lamellar thickness and epithelial cells hypertrophy (F1-F5), cells debris and clusters of bacteria were noted among gill filament and associated with epithelial tissue (F1-F4). Increase numbers of eosinophilic granular cells (EGC) (F1-F4) at the centre of the gill filament (F1-F4) and in F2 mainly noted distally. Free blood noted among gill filaments (F4 & F5).

<u>Skin & Muscle:</u> Partial to absence of epidermal (F1-F4) and epidermal leucocyte cell infiltration (F1-F2), mild dermal oedema with mild leucocyte infiltration (F1-F4) and presence of mixed bacteria that stained gram negative (F1, F3 & F4), skeletal muscle degeneration (F4), deposits of brown pigmentation at the basement membrane (F1), haemorrhagic necrosis of skeletal muscle (F1). F2 and F4 also showed cell infiltration on the hypodermis and among the skeletal muscle bundles.

<u>Heart:</u> Mild to moderate focal pericarditis (F2, F5), mild multifocal myocardial degeneration and foci of subendocardial infiltration, noted manly in the atrium, (F5) and few clusters of basophilic nuclei noted in the ventricle of F2.

<u>Gut and pyloric caeca:</u> Intestinal food content with high numbers of mixed bacteria (F1, F4 & F5) and some apoptotic cells noted on the epithelium of the intestinal folds (F4).

Pancreas: Within normal range.

Liver: Within normal range.

Kidney: Evidences of erythrophagocytosis noted in all fish.

<u>Spleen:</u> Within normal range. Brain: Within normal range.

Signed:

Fish Health Inspector

Date: 11/06/2018

FHI 059, Version 11	Į:	ssued by: FHI	Date of issue: 12/09/2017					
Case No: 2018-0134			Date of visit: 30/05/2018					
Time spent on site:	1.5 hrs	Main In	spector: SAE					
Site No: SS0759	Site Name:	Fearna						
Business No: SB0530	Business Name:	Loch Striven Mussel Fai	rms Ltd					
Case Types: 1 MOV	2 3	4 5	6					
Water Temp (°C):	Thermometer No:		FHI 045 completed					
Observations:	Region: ST	Water type: S	CoGP MA:					
Dead/weak/abnormally behavir	ng fish present?	N If yes, see additiona	al information/clinical score sheet.					
Clinical signs of disease observ	ved?		al information/clinical score sheet.					
Gross pathology observed?		N If yes, see additiona	al information/clinical score sheet.					
Diagnostic samples taken?		N						
UNI/REG only - if unable to carry out intended visit detail reason below:								

Additional Case Information:

16 bags of mussels inspected for export to Carlingford lough. Certificate INTRA.GB.2018.0014643 (MD18/028) signed. Very low numbers of Hiatella arctica spat observed in only a few bags and added to the certificate. Mussels look very clean. Bags inspected at the shorebase.

1. Business/site details summary checked by site representative? 2. Changes made to details? Site Details Total No facilities Species Age group Age group No Fish No Fish No facilities Mean Fish Wt Next Fallow Date (Site) End of June Next Input Date (Site) Inatural spatfall Recent (last 4 wks) disease problems? N Any escapes (since last visit)? 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?
Registration/Authorisation Details 1. Business/site details summary checked by site representative? 2. Changes made to details? Total No facilities Species MED Age group No Fish 80 tonnes Mean Fish Wt Next Fallow Date (Site) End of June Next Input Date (Site) Inatural spatfall Recent (last 4 wks) disease problems? 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?
2. Changes made to details? Site Details Total No facilities Species Age group No Fish No facilities Mean Fish Wt Next Fallow Date (Site) End of June Next Input Date (Site) No Any escapes (since last visit)? No Wovement 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?
Total No facilities Species Age group No Fish Mean Fish Wt Next Fallow Date (Site) Recent (last 4 wks) disease problems? If yes, detail: Movement Records 1. Movement records available for inspection? 2. Date of last inspection: 30 lines Facilities stocked 6.5 lines No facilities inspected 0 MED Any facilities inspected 0 No facilities inspected 1 1 1 1 1 1 1 1 1 1 1 1 1
Species Age group No Fish Mean Fish Wt Next Fallow Date (Site) End of June Next Input Date (Site) Inatural spatfall Recent (last 4 wks) disease problems? Novement 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?
Age group No Fish Mean Fish Wt Next Fallow Date (Site) End of June Next Input Date (Site) natural spatfall Recent (last 4 wks) disease problems? N Any escapes (since last visit)? N/A 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?
No Fish Mean Fish Wt Next Fallow Date (Site) End of June Next Input Date (Site) Nany escapes (since last visit)? N/A 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?
Mean Fish Wt Next Fallow Date (Site) End of June Next Input Date (Site) Recent (last 4 wks) disease problems? Nany escapes (since last visit)? N/A 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?
Next Fallow Date (Site) End of June Next Input Date (Site) natural spatfall Recent (last 4 wks) disease problems? N Any escapes (since last visit)? N/A 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?
Recent (last 4 wks) disease problems? N Any escapes (since last visit)? N/A 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?
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?
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? YARA
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? Yes a substituting the provided in the
2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 17/05/2018 Y
4. Are movement records available for dead fish and waste? N/A
5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? N/A
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? Domestic waste - <25kg
If other detail:
3. Mortality records complete and correctly entered? Yes a restrict of the first Angles of the first Angl
4. Recent mortality (last 4 wks): No mortalities since last inspection.
5. Evidence of recent increased/atypical mortalities? If yes, facility nos/no mortality per facility/no stock per facility/reason:
II yes, facility floorito floritality per facility/flo stock per facility/foacorii.
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 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)?		

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 no, 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:

17/05/2018 - 30/05/2018

Case No:	2018-0134			Date of visit	: 30/05/2018			
Site No:	SS0759	1		Inspector	: SAE	1		
Results Summary	Freq.	- I	Date of Notification					
Nesults Summary	1 164.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	-					1		1
				 				1
		1						
		1		Ì				1
			-					
Report Summary								
Case Type	Date	Insp	2 nd Insp	1				
Case Type MOV	07/06/2018	SAE	2 nd Insp DJT					
]				





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0530Date of Visit30/05/2018Site NoSS0759Site NameFearnaInspectorSvenja ElwennCase No20180134

Inspection for placing on the market in the EU

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

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

Signed: Date: 07/06/2018

Fish Health Inspector

FHI 059, Version 11	Į:	ssued by: FHI	Date of issue: 12/09/2017				
Case No: 2018-0136			Date of visit: 16/05/2018				
Time spent on site:	3.5 Hours	Main Ins	spector: DCB				
Site No: FS1244 Business No: FB0544	Site Name: Business Name:	Strathclyde Scotland					
Case Types: 1 REP	2 DIA 3	4 5	6				
Water Temp (°C): n/a	Thermometer No:		FHI 045 completed				
Observations:	Region: ST	Water type: B	CoGP MA:				
Dead/weak/abnormally behaving Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see additional information/clinical score sheet. Y If yes, see additional information/clinical score sheet. Y If yes, see additional information/clinical score sheet. Y					
UNI/REG only - if unable to carry out intended visit detail reason below:							

On Monday the 14th of May the duty inspector received a call from a member of the Ayrshire Rivers trust, concerning fish in the catrine weir trap, which were displaying signs of fungal infection and an increase in mortalities seen in the trap. At the time the staff member estimated that around 19% of fish were affected.

Upon arrival there were around 40 fish in the trap, 5 were identified as having a suspected fungal infection and removed for diagnostic purposes. There were 3 mortalities in the trap, on the side, and a bucket with a round 20 mortalities from the previous night was present.

With the exception of F3, all fish were lively. There was limited gross pathology, with F1-F2 having very slight granulation of the kidney.

Fish were kept alive in a bucket, and dispatched one at a time for sampling.

There was a concern that the layout of the weir means that the fish are spending a long time there before passing through. This could result in a build up of fish in quite a small area, increasing the chance of infection.

ГГ	HI 059, Version 11							ISS	suea by:	гпі			
	Case no:	2018-0	136	Site No:		FS1244			Date of Samplin		16/0	05/2018	17/0
	Priority samples:	VI		ВА		PA		MG		g. HI			
	Time sampling starts/ends:	09:4	5:00	13:0	0:00		Inspecto	or:	DCB		VMD No	D. [0
	Environmental conditions:	1	Sunny	2	Calm	3		4		5			
	Summary samples	HIST	Υ	ВА	Υ	MG	Υ	VI	Υ	PA	Υ	Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No	F1	F2	F3	F4	F5	P1						
	Fish nos	1	2	3	4	5							
	Pool Group	P1	P1	P1	P1	P1							
	Species	SAL	SAL	SAL	SAL	SAL							
	Average weight	30g	30g	30g	30g	30g							
	Sex	N/A	N/A	N/A	N/A	N/A							
	Water Type	FW	FW	FW	FW	FW							
Details													
ets													
		Wild	Wild	Wild	Wild	Wild							
Stock	Stock Origin												
St	Facility No	N/A	N/A	N/A	N/A	N/A							

<u>)5/2018</u>	Addition	nal Sam	ple Infor	mation:							
6		Total To	ests ass	igned	9	1					
											•

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Method of killing: Case no: 2018-0136 Site No: FS1244 Inspector(s): DCB Sheet Relevant: Y Date of visit: 16/05/2018 S for strong presence: M for medium presence: W for weak presence Fish Number Time sampled after death (if > 45 minutes) External Signs Behaviour Moribund M Lethargic Hanging vertical Spiralling **Flashing** Loss of equilibrium Body Dark Distended abdomen Anorexic Scale Oedema Opercula Shortened Flared Haemorrhaging **Throat** Ventrum Base of fins **Elsewhere** Eyes Exophthalmic Enophthalmic (sunken) Cataract Haemorrhagic Gills Pale Zoned Necrotic M **Flank** M M M Lesions M M M **Elsewhere** Vent Inflamed Trailing faeces Lice Load **Estimate numbers** Internal Signs Clear **Ascites** Bloody Oedema In tissues Heart Pale/anaemic Granulomas Deformed Liver Petechial haem

Gross haem Tissue breakdown

Petechial haem Tubules mauve Lack of fat

Yellow pseudo-faeces
External haem
Internal haem

Haemorrhaging Haemorrhaging

Parasites present

Fluid filled

Swollen
Grey
Granular
Liquefied

Anaemia

Enlarged
Colour number(s)
Granulomas
Lesions

Enlarged
Granulomas
No food present

Pyloric caeca

Spleen

Body wall

Kidney

General

Swim bladder

Gut

Case no: 2018-0136

Date of visit:	16/05/2018	1					
		_					
	nce: M for medium presence: W for	٨					
Fish Number							
	er death (if > 45 minutes)						
External Signs	Ba						
Behaviour	Moribund Lethargic						
	Hanging vertical						
	Spiralling						
	Flashing						
	Loss of equilibrium						
Body	Dark						
	Distended abdomen						
	Anorexic						
	Scale Oedema						
Opercula	Shortened						
	Flared						
Haemorrhaging	Throat						
	Ventrum Base of fins						
	Elsewhere						
Eyes	Exophthalmic						
	Enophthalmic (sunken)						
	Cataract						
	Haemorrhagic						
Gills	Pale						
	Zoned						
	Necrotic						
Lesions	Flank						
	Elsewhere						
Vent	Inflamed						
	Trailing faeces						
Lice Load	Estimate numbers						
Internal Signs							
Ascites	Clear						
7.001.00	Bloody						
Oedema	In tissues						
Heart	Pale/anaemic						
	Granulomas						
	Deformed						
Liver	Petechial haem						
	Gross haem						
	Tissue breakdown						
	Enlarged						
	Colour number(s) Granulomas						
	Lesions						
Pyloric caeca	Petechial haem						
. y.c.i.c 5acca	Tubules mauve						
	Lack of fat						
Spleen	Enlarged						
	Granulomas						
Gut	No food present						
	Yellow pseudo-faeces						
	External haem						
	Internal haem						
Body wall	Haemorrhaging						
Swim bladder	Haemorrhaging						
Kidnov	Fluid filled Swollen						
Kidney	Grey						
	Granular						
	Liquefied						
General	Parasites present						
	Anaemia						

Site No: FS1244 Case No: 2018-0136

Nature of non-compliance:

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

Case No: 2018-0136 Date of visit: 16/05/2018

Site No: FS1244 Inspector: DCB

Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
AERO	4/5	04/06/2018	DCB	29/05/2018	DCB	04/09/2018	AJW	SAE
GPAT	3/5	04/06/2018	DCB	29/05/2018		04/09/2018	AJW	SAE
SKIN	3/5	04/06/2018	DCB	29/05/2018	DCB	04/09/2018	AJW	SAE
HPAT	1/5	04/06/2018	DCB	29/05/2018	DCB	04/09/2018	AJW	SAE
PROT	4/5	04/06/2018	DCB	29/05/2018	DCB	04/09/2018	AJW	SAE
GDER	1/1	04/06/2018	DCB	29/05/2018	DCB	04/09/2018	AJW	SAE
SAPR	4/5	04/06/2018	DCB	29/05/2018	DCB	04/09/2018	AJW	SAE
ENTF	1/5	04/06/2018	DCB	29/05/2018	DCB	04/09/2018	AJW	SAE
IHNP	0/1	04/06/2018	DCB	29/05/2018	DCB	04/09/2018	AJW	SAE
IPNM	0/1	04/06/2018	DCB	29/05/2018	DCB	04/09/2018	AJW	SAE
SALP	0/1	04/06/2018	DCB	29/05/2018	DCB	04/09/2018	AJW	SAE
VHSP	0/1	04/06/2018	DCB	29/05/2018	DCB	04/09/2018	AJW	SAE
AERO	4/5	30/05/2018	DCB			04/09/2018	AJW	SAE
MPAT	3/5	13/08/2018	AJW			04/09/2018	AJW	SAE
V General	0/1	13/08/2018	AJW			04/09/2018	AJW	SAE
Apicomplexan parasite	4/5	13/08/2018	AJW			04/09/2018	AJW	SAE
MG-ISA	0/1	31/08/2018	AJW			04/09/2018	AJW	SAE
G. salaris	0/1	04/09/2018	AJW			04/09/2018	AJW	SAE

Report Summary			
Case Type DIA, REP	Date	Insp	2 nd Insp
DIA, REP	04/09/2018	AJW	SAE





Ayrshire Rivers Trust 1 Gibbsyard Auchincruive Estate Ayr KA6 5HW

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0544 **DATE OF VISIT** 17/05/2018

SITE NO FS1244 SITE NAME Strathclyde – River Ayr,

Catrine Weir Trap

INSPECTOR David Bradley CASE No 20180136

Section 1: Summary

A fish health inspector visited the River Ayr, Catrine weir trap. Five fish with external lesions were observed in the trap and samples were taken from these fish for a diagnostic investigation.

Histopathology examinations showed the presence of oomycetes associated with skin, skeletal and cardiac muscle. Marked skeletal muscle necrosis was observed, possibly associated with the presence of oomycetes.

The oomycetes microscopic characteristics indicate the presence of *Saprolegnia* sp. This fungal-like organism is commonly found in the freshwater environment and is the probable cause of the lesions observed on these fish.

None of the other isolated bacteria or parasites were found at levels that would be thought to cause morbidity in the population.

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 fish health inspectorate received a report from a member of staff at the Ayrshire Rivers Trust, regarding smolts observed in the Catrine weir trap. Fish had been observed displaying signs of a R09

fungal like infection and an increase in mortalities was also reported. An inspector visited and observed approximately 40 fish in the trap. Five of these fish were identified as having external flank lesions and were removed for diagnostic purposes. There were three dead fish in the trap and 20 dead from the previous night.

All but one of the five fish appeared active. Internally two fish had a slight granulation of the kidney.

Concern was expressed that the layout of the weir meant fish are spending a long time in the trap before passing through. This could result in a large number of fish congregating in this small area increasing the chance spreading disease if present.

<u>Samples</u>

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

Fish number	Pool number	Facility number	Species	Stage	Origin
1-5	1	Catrine Weir Trap	Atlantic Salmon	30g	River Ayr

Bacteriology: Kidney, spleen and lesion material from five fish were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated;

Aeromonas spp. (from 4 lesion swabs and 2 kidney swabs). Enterobacter sp.(from 1 lesion swab).

A fungal-like organism, thought to be *Saprolegnia* sp. was also observed on the samples taken from the lesion material from four of the fish.

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

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

A general screen was conducted on tissue samples to test for the presence of viral pathogens by cell culture. The result of this test was negative.

Parasitology: Fins were collected to determine the presence of *Gyrodactylus salaris* using light microscopy and molecular techniques (PCR).

Gyrodactylus salaris parasites were not detected in the samples examined however *Gyrodactylus derjavinoides* were identified from the samples.

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

Histopathological examination revealed the following:

R09

<u>Gill</u>: Some multifocal interlamellar epithelial hyperplasia (F1, F3) and mild leucocyte-like cell infiltration (F1). A hyphal mat was also noted surrounding the gill (F1-F2). F3 showed blood among gill filaments

Skin & Muscle: Partial erosion of the integument with partial absence of epidermal layer (F1), mild dermal oedema with mild leucocyte infiltration (F1), hyphal mat at the external layer of dermis and associated with stratum spongiosus of dermis and skeletal red muscle (F1), and marked necrosis of skeletal muscle with hyphae associated (F2, F4).

<u>Heart</u>: Heart distal cone (pericaridium, compact and spongy layer) showed focally extended presence of hyphae associated cadiomyofibres and within the ventricle chamber (F4).

<u>Gut and pyloric caeca</u>: Intestinal food content with parasites resembling Acanthocephalans (F1, F3). It was also noted in pyloric ceaca, from F2 to F5, few intraepithelial stages of coccocidia-like and some free within the intestinal lumen. F2 and F5 showed higher numbers of these parasite and some cell debris and mucous within the intestinal lumen.

Pancreas: Within normal range.

<u>Liver</u>: Within normal range.

Kidney: few renal tubules with dilated lumen (F1, f2), few shrunken glomeruli (F1) and some renal

tubules with hyaline droplets (F2). Spleen: Within normal range.

Signed:

Fish Health Inspector

Date: 04/09/2018

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: 2018-0137			Date of visit: 17/04/2018
Time spent on site:	2.5 Hrs	Main	Inspector: DCB
Site No: SS0625	Site Name:	J. Pieroni and Sons Lt	
Business No: SB0412	Business Name:	J. Pieroni and Sons Lt	d
Case Types: 1 QUA	2 3	4 5	6
Water Temp (°C): 0-5	Thermometer No:	Site	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA:
Dead/weak/abnormally behavior	ng fish present?	N If yes, see additio	nal information/clinical score sheet.
Clinical signs of disease observed	ved?		nal information/clinical score sheet.
Gross pathology observed?		N If yes, see additio	nal information/clinical score sheet.
Diagnostic samples taken?		N	
UNI/REG only - if unable to car	ry out intended visit deta	il reason below:	

Water Temperature: 0-5

Only wild caught European lobsters held on site Lobsters coming in mostly during the summer

2 separate recirc systems with two separate biological filter systems. Sand and scallops shells and porous plastic caps for holding bacterial cells. 10 UV steriliser bulbs. Smaller unit is currently empty.

1 big tank with separators, 2.5 tonnes, smaller tank one tonne capacity between two tanks 60/40 split.

Own water made – freshwater supplied from mains and then salt, from peacock salt added 26 ppm.

No current plans to bring in American lobsters, due to environmental and cost concerns. As a result, the buisiness did not apply to renew their individual licence for keeping American lobsters, and is currently operating under a general licence.

Water in tanks are only completely changed every two years, as filter system Is efficient at removing waste. Water occasionally topped up due to loss. Water is emptied into bins outside using a hose and caustic soda. After 48 hours the water is disposed of in drains. 10kg of caustic to 600l of water. Manager has been in contact with SEPA who have no issues with this method of disposal. Tanks are disinfected using barracuda.

Water temperature kept between 0 and 5oC.

Just had shop refitted, but plans to have aquarium too expensive.

Case No:	2018-0137			Date of visit	: 17/04/2018	3		
Site No:	SS0625	1		Inspector	: DCB	1		
Results Summary	Freq.	•			ate of Notifica	ation		
Results Summary	rieq.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	_							-
				-	-	<u> </u>		
				+	+	+		+
						+		
	+			1	1			+
				1		†		
						1		
Report Summary								
Case Type QUA	Date	Insp	2 nd Insp					
QUA	14/05/2018	DCB	WJM					





J. Pieroni and Sons Ltd 47 Peebles Street Ayr

KA8 8DP

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0412 **DATE OF VISIT** 17/04/2018

SITE NO SS0625 SITE NAME J. Pieroni and Sons Ltd

INSPECTOR David Bradley CASE No 20180137

The above site was inspected in order to assess if the conditions of the lobster deposit licence number LOB02/15 were being met. The site representative confirmed that American lobsters (*Homarus americanus*) had not been held on site since 2017, and there are no plans to do so in the future. As such, the site no longer operates under an individual licence and is currently operating under a general licence.

An amendment to authorisation form was requested, to remove authorisation to hold American lobsters (*Homarus americanus*), and was emailed to the site representative on the 14/05/2018.

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

Signed:

Fish Health Inspector

Date: 14/05/2018

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: 12/09/2	:017
Case No: 2018-0138			Date	e of visit: 17/04/2018	
Time spent on site:	3 hours	Mail	n Inspector:	DCB	
Site No: SS0228	Site Name:	Hunterston Terminal			
Business No: SB0149	Business Name:	Cumbrae Oysters Ltd	d.		
Case Types: 1 ECI	2 QUA 3	4 5	6		
Water Temp (°C): 7	Thermometer No:	Site	FHI	045 completed	
Observations:	Region: ST	Water type:	3 (CoGP MA:	
Dead/weak/abnormally behaving	ig fish present?	N If yes, see addit	ional informatio	on/clinical score sheet.	
Clinical signs of disease observ	red?			n/clinical score sheet.	
Gross pathology observed?		N If yes, see addit	ional informatio	n/clinical score sheet.	
Diagnostic samples taken?		N			
UNI/REG only - if unable to care	ry out intended visit deta	il reason below:			

Depuration Facility

Any waste goes to sealed skip and recorded in Shell disinfectant and dry waste disposal log, disinfected with hypochlorite 1pp 5pp and transported by William Tracy, Irvine.

Van disinfected by Delivery driver using Jeyes Fluid. Logged in Pallet delivery Bvan disinfection van.

Footbath disinfection log complete, disinfectant changed every week (usually at the end of the week)

Site disinfection log, including communal facilities, completed daily.

Tank disinfection schedule, tank number, disinfection type, conc 1.5 I added and ran for 15 minutes. Flow meter and filter also cleaned and changed. Tanks cleaned every second cycle, cycle dependent on when product is sold. Sometimes if product is held for a long time the tank may be emptied and cleaned and re stocked.

Building perimiter inspected and cleaned once per week.

Ultra violet light in every tank cleaned once a month to prevent build up of algae once per month.

Water is taken from Cumbrae oyster farm, by tanker. Afterwards, water is disinfected using hypochlorite and poured down drain.

Three stocks onsite, Othneil, Dorset, Fairlie, and Ireland (Ringstrand, Dungarvin and Killala Bay, Co. Mayo, Drumcliff Bay Co. Sligo, Jersey La Ferme (Area 27).

Site - The operator is struggling to purchase seed from facilities within the UK. Estimates that another 500,000 will need to be supplied to make the bussiness viable, although at last order only 250,000 could be supplied and these were smaller than they would usually take.

There has been some predation on site, by oyster catchers. There is one breeding pair that has been observed and the operator doesn't view this as an issue as those appear to deter other predators.

A small amount of D. vex has been observed on some of the bags, although there has not been any large patches (over 5cm2). Once bags have been emptied and shells graded, new bags are deployed, with the old ones being left high on the shore line to dry.

FHI 059, Version 11			Issı	ued by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0138		Site No:	SS022	28			
Date of Visit:		17/04/201	8		Inspector(s):	DCB]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site represent	tative?			Y	
Site Details								
Total No facilities		500	Facilities sto	ocked	400	No facilitie	es inspected	500
Species	CGI	CGI	CGI		1			
Age group	2016	2014/15	2018					
No Fish	750,000	750,000	250,000					
Mean Fish Wt	10-40g	>40g	155 mg					
Next Fallow Date (Si		No plans		Next Input D	Tate (Site)	ASAP (sor	metime this ye	ear)
NOAL I GIOW Dato (C.	16)	No plane		Noxtinpat		7.6711 (66.	illumo uno y	<i>5</i> 81 <i>)</i>
Recent (last 4 wks)	disease prob	lems?			N Any escapes	s (since last	visit)?	N
If yes, detail:	alcodoc p.c.s	1011101			inj cook) (011100 10101	vicity.	
Movement Records								
								V
1. Movement records		or inspection?					45/00/0047	ĭ
2. Date of last inspec		- att. contarac	10				15/09/2017	V
 Are records comp Are movement rec 								, V
5. Are records comp				,				Ý
6. Are health certification		•		lable?				Ý
Transport Records		adottorio (out	With Ob, ava	4010				
1. Are any movemer	nts carried ou	ut by (or on b	ehalf) of the b	ousiness (not u	using a STB)?			
If yes, is there a syst	em in place	for maintena	nce of transpo	ortation record	s?			
Mortality Records								
1. Mortality records a		•						Y
2. How are mortalitie					Other (detail)		
		s taken by sk						V
3. Mortality records of		d correctly en						Y
4. Recent mortality (· ·		No observe	d mortality				
5. Evidence of recen		* *						N
If yes, facility nos/no	mortality per	r facility/no st	ock per facility	y/reason:				
C. Any other neaks in	- martality du	ring period (-backad2					V
6. Any other peaks in		• .		a blown from	tractle cround	400 hoge w	are recovered	l and omnty
If yes, detail:		observed wit		e blown from	trestle, around	100 bags w	ere recovered	and empty
7. Have increased (u				to vet or FHI?				N/A
If yes, detail action:	,		,					
8. Have 'mortality ev	ents' been re	eported to FF	II? If no, add I	MRT 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?	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	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	

Records checked between:

15/09/2017 - 17/04/2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0138 SS0228 Site No: Date of Visit 17/04/2018 DCB 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 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 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 1 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 4 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 0

Total Risk

MEDIUM

	Case No:	2018-0138	Date of visit: 17/04/2018									
Database Insp	Site No:	SS0228	Inspector: DCB									
Database Insp	Results Summary	Freq.			Date of Notification							
			Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE		_										
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE												
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE			L		<u> </u>				<u> </u>			
Case Type Date Insp 2 nd Insp ECI 04/05/2018 DCB SAE	Report Summary	_		1	7							
ECI 04/05/2018 DCB SAE	Coop Type	Data	lnon	ond I	1							
					-							
QUA 04/05/2016 DCB SAE	CLIA				-							
	QUA	04/03/2016	рсь	SAE	-							
					-							
					-							





Cumbrae Oysters Ltd. 38A Bowfield Road Howwood Renfrewshire PA9 1BS

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0149 **DATE OF VISIT** 17/04/2018

SITE NO SS0228 SITE NAME Hunterston Terminal - Fairlie

INSPECTOR David Bradley CASE No 20180138

The depuration facility operated by Cumbrae Oysters was inspected to ensure the conditions of authorisation to allow the deposition and depuration of *Crassostrea gigas* (Pacific oysters), *Mercenaria mercenaria* (hard clams), *Cerastoderma edule* (cockles) and *Tapes decussatus* (palourdes) from an area subject to movement restrictions are being met.

Documented disinfection, daily tank checks and training records were available for inspection. Standard operating procedures (SOP) for all onsite activities have also been developed and 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:

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: 04/05/2018





Cumbrae Oysters Ltd. 38A Bowfield Road Howwood Renfrewshire PA9 1BS

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No SB0149 **DATE OF VISIT** 17/04/2018

SITE NO SS0228 SITE NAME Hunterston Terminal Fairlie

INSPECTOR David Bradley Case No 20180138

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.



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: 04/05/2018

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017						
Case No: 2018-0139			Date of visit: 18/04/2018						
Time spent on site:	5 mins	Main I	nspector: AJW						
Site No: SS0412	Site Name:	Killiemore							
Business No: SB0024	Business Name:	Celtic Sea Ltd							
Case Types: 1 REG	2 3	4 5	6						
Water Temp (°C):	Thermometer No:		FHI 045 completed						
Observations:	Region: ST	Water type: S	CoGP MA:						
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	If yes, see addition	nal information/clinical score sheet. nal information/clinical score sheet. nal information/clinical score sheet.						
UNI/REG only - if unable to carry out intended visit detail reason below:									

Site manager contacted prior to visit. I was informed the site was fallow with all equipment removed and they did not intend to stock in the foreseeable future. I arranged to conduct a drive past inspection to confirm equipment removed with a view to inactivating the site. During the visit I observed long lines in the water. On return to the lab I contacted the site manager and he reconfirmed that they had removed all equipment from the site. Further investigation has revealed the lines on the site belong to an other operator who does not have authorisation to farm at the site but did seek and gain planning permission. Issue has been passed to authorisation team

Case No:	2018-0139		Date of visit: 18/04/2018								
Cita Na		_				_					
Site No:	SS0412	_		Inspect	or: AJW	_					
Results Summary	Freq.		Date of Notification								
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
	_	+						+			
	- 			+				+			
	_							_			
	_	+						+			
	- 			+							
Report Summary	_	_		_							
Case Type	Date	Insp	2 nd Insp	-							
Case Type Reg	12/07/201	INSP	ALW	-							
rtog	12/01/201	7011	ALVV	-							





Celtic Sea Ltd Loch Melfort Arduaine Argyll PA34 4XQ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0024Date of Visit18/04/2018Site NoSS0412Site NameKilliemoreInspectorAmanda WalkerCase No20180139

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.

Further information regarding the registration of Killiemore under the authorisation conditions of Celtic Sea Ltd will be detailed in a letter to be sent out to you in due course.

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: 12/07/2018

FHI 059, Version 11	l:	ssued by: FHI	Date of issue: 12/09/2017						
Case No: 2018-0140			Date of visit: 11/06/2018						
Time spent on site:	6 Hours	Main	Inspector: DCB						
Site No: FS0240 Business No: FB0119	Site Name: Business Name:	Linnhe Marine Harvest (Scotl	and) Ltd						
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6						
Water Temp (°C): 10.6	Thermometer No:	Site	FHI 045 completed						
Observations:	Region: HI	Water type: S	CoGP MA: M-33						
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 carry out intended visit detail reason below:									

Moritella at the beginning of the cycle, antibiotic (oxytertracycline) treatment has been effective.

1.92% Wrasse, hoping to stock up to around 5% locally caught wrasse seem to perform better than those coming from Plymouth.

VMD fish were healthy when opened.

WRA mortality 1.29% since input.

Paperwork completed on the 11/06/2018, VMD samples taken on the 12/06/2018

FHI 059, Version 11			Issı	ued by: FHI			Date of issu	ıe: 12/09/2017			
Case No:	2018-0140		Site No:	FS0240)						
Date of Visit:		11/06/201	18		Inspector(s):	DCB]			
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y	3			
Site Details	Site Details										
Total No facilities		24	Facilities sto	ocked	11	No facilitie	es inspected	24			
	SAL	SAL	WRA								
3 - 3 1	17 Q1	17 Q2	MIX								
No Fish	932,390	158,349	14,093								
Mean Fish Wt	262g	180g	MIX								
Next Fallow Date (Si	ite)	August 201	19	Next Input Da	ate (Site)	February 2	2020				
Recent (last 4 wks) of	disease prob	lems?		N	Any escapes	s (since last	visit)?	N			
If yes, detail:	Alcourt	10,1110.			, any social	(OIII IO	violej.	,			
 Date of last inspect Are records comp Are movement rec Are records comp Are health certificat Transport Records Are any movement ryes, is there a syst Mortality Records Mortality records at 2. How are mortalities If other detail: 	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? Y Ensiled - on site										
3. Mortality records of	complete and	d correctly er						Y			
4. Recent mortality (I	last 4 wks):		wk 23 - 0.04	44% wk22 0.63°	% wk21 - 0.08	33% wk20 -	0.087% acros	ss the site			
5. Evidence of recent increased/atypical mortalities?											
If yes, facility nos/no mortality per facility/no stock per facility/reason:											
								V			
6. Any other peaks in If yes, detail:								T			
7. Have increased (u		03 4.46% tran		to yet or FHI?				N/A			
If yes, detail action:	пехріаніса,	mortantios 5	een reported to	O VCC OF T THE							
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)?		N						
If yes, detail:								
If other, detail:								
2. Medicines records available for inspection?		Y						
3. Are records complete and correctly entered?		Y						
4. Are fish in a withdrawal period?		Y						
5. If yes, what treatment(s)? Oxytetracycline								
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, recor	rding and safe disposal been considered?	Y						
3. Has the manner and period in which the APB will notify So	cottish 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 press is detected been included and <i>how</i> and <i>when</i> that will be no	·	Y						
5. Has the health status of aquaculture animals being stocked health status, certification if required)?	ed on the farm site been covered (equal or higher	Y						
6. Have the husbandry and biosecurity measures implement transmission of disease been covered (movement of staff, vi		Y						
7. Is documentation available regarding the measures in placaquaculture animals held on site?		Y						
8. Have the biosecurity procedures been adequately implem If no, detail:	ented on site?	Y						
Results of Surveillance								
1. Has any animal health surveillance been carried out by, or	r on behalf of, the business?	Y						
2. If yes, are results available for inspection?	, and the second	Y						
3. Any significant results?		Y						
If yes, detail (if not detailed under recent disease problems).	Moritella							
Records checked between:	6/6/17 - 11/06/18							

ГГ	HI 059, Version 11							155	uea by: Fi	11			
	Case no:	2018-01	140	Site No:		FS0240			Date of vi Sampling		11/0	06/2018	12/0
	Priority samples:	VI		ВА		PA		MG	Sampling	н			
	Time sampling starts/ends:		0:00		0:00		Inspecto	r:	DCB		VMD No). 	25
	Environmental conditions:	1	Indoors	2		3		4	_	5			
	Summary samples	HIST		ВА		MG	,	VI	Р	'A		Total Sa	mples
A	dd Fish/Pools - click												
	IDeal/Cich No	Т										-	
	Pool/Fish No	4.5	0.40	44.45	40.00	04.05							
L	Fish nos	1-5	6-10		16-20	21-25							
	Pool Group	1	2			5							
	Species	SAL	SAL	SAL	SAL	SAL							
	Average weight	262g	262g		262g	262g							
	Sex	N/A	N/A	N/A		N/A							
	Water Type	SW	SW	SW	SW	SW							
sils		i,	ort.		ort	ort							
Details		ailc	ajj	ig	ailc	ailc							
Ō		-ochailort	Lochailort	Arkaig	Lochailort	Lochailort							
Stock	Stock Origin												
S	Facility No	5	6	7	16	17							

O Total Tests assigned O O														
Total Tests assigned 0	06/2018	Additional Sample Information:												
	0		Total To	ests ass	igned	0	1							

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017
Case Number:	2018-0140		Site No:	FS0240		Insp:	DCB
Date of Visit	11/06/2018		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	
	Number of sup	ocluding third country	0			14	
Mayamanta aff			0			10	10
Movements off	Frequency of m		0			10	3
Exposure via water		Site contacts	0				
Water contacts with other farms (holding species	Farm is protect disinfection or l	ed (secure water supply through	0				
susceptible to same	Farm is on-line	or in a coastal zone with category I	4		4		
diseases)		or within 1 tidal excursion or in a coastal zone with category III	'	2	4		
		or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V					
	farms upstream	n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
the fules of the directive	Processing own	n fish (re-cycling risk)	1	1			1
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	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]			0
products	Common proce	sses with other farms	3				
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	-]			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		
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
and an account to day of	No		2				
				ı			
					Total		16
					Rank		MEDIUM

					_
Case No:	2018-0140		Site N	lo: FS0240]
	(Seawater Sites Only)	in the provious 4 vers	2		N
•	enced sea lice problems				N
	Management Area (or ed		-		Y
azamethiphos and em can these be deployed	amectin benzoate) as well in a reasonable period becomented farm manage	vell as access to suitab of time?	le biological and/or	s (including deltamethrin, mechanical control meas the site and CoGP Farm	
,	ecords available for insp	pection? (Legal SSI, Co	GP Annex 6)		Υ
	·		·	P? (Legal SSI, CoGP Anr	nex 6) Y
7. Are sea lice (<i>L. saln</i> records are inspected		ow the suggested criter	ia for treatment in th	ne CoGP during the perio	d that Y
8. Have average adult records are inspected		nonis) numbers per fish	n been at a level of 3	3 or above during the per	iod that N
If yes, have these bee	n reported to the Fish H	ealth Inspectorate? If n	o, FHI see commen	nt.	N/A
9. Is <i>C. elongatus</i> infe	station at a level which	is considered to cause	significant welfare p	problems? (CoGP 4.3.81,	5.3.50) N
				onis levels have exceede olications? (CoGP 4.3.82,	
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 significan	t impact upon the lic	ce levels recorded?	N/A
13. Are treatments, wh	nere conducted, carried	out in cooperation betw	een participating fa	rms?	Y
		·	• • •	s are held without treatmo	ent for Y
•	cific written lice manage scalation of a sea lice in		aypoints describing	set actions to deal with re	ecognised Y
16. Does the stock on reasons.	site appear satisfactory	in relation to sea lice le	evel and sea lice co	unt data? If no please de	tail Y
Containment Inspect	ion				
•	enced equipment damag	e due to predators in th	ne current or previou	us production cycles?	N
2. Are measures in pla	ace to mitigate against th	ne predation experience	ed on site? (Detail b	elow)	Y
A.D.D., M.M.L., Sea	l Blinds, Tensioned N	ets, 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 sind	ce the 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 for	rthwith (where they exis	st)? (CoGP - 4.4.37	7, 5.4.17)	
6. Have these been re	ported to the SSPO and	I local fisheries trusts fo	orthwith (where they	exist)? (CoGP – 4.4.37,	5.4.17)
7. Were methods (if ar	ny) used to recover esca	apees? If yes give detai	1		
8 If all note were don	loved was this action as	reed with local wild fich	interests and was r	permission given by Scot	tish
ծ. ո ցու nets were depi Ministers? (Legal, Co0		need with local wild fish	interests and was p	permission given by Scot	uon
	ken to prevent and minir	mise the risk of further	escapes? (Not cove	red in code but could	
	er satisfactory measur				
	ed as satisfactory with re	· ·	If no, please detail	reason(s)	Y

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: 2018-0140	Site No: FS0240	
Date of Visit: 11/06/2018	Inspector: DCB	
Point of Compliance		
1. Is the farm under inspection located v	-	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 relevan5. Does the FMAg/S identify the fish farr	t farm management area? m site(s) to which it applies? commencement of the agreement or statemer	Y Y Y
Arrangements for Fish Health Manag	ement	
farm? 9. Does the FMAg/S identify the vaccina 10. Does the FMAg/S identify the specie 11. Does the FMAg/S identify the maxim individual farm? 12. Does the FMAg/S identify the arrang fish farm in the area or the individual fa Arrangements for The Management of		or farm? Y or farm? Y on the area or the Y ead fish from any
 14. Does the FMAg/S identify the availal of statement? 15. Does the FMAg/S identify any requir lice on farms in the area or individual farms. 16. Does the FMAg/S identify the circum used on farms in the area or individual farms. 	bility and the use of medicines on farms covered the sensitivity testing of available trans? Instances under which biological controls and controls	reatments for sea Y Sleaner fish are to be
Live Fish Movements		
area or farm?	nstances when live fish may be introduced or regements 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 acceptal	ble harvest practices on farms in the area or individu	ual farms?
Fallowing		
21. Does the FMAg/S identify the date date when a farm or area may be resto	es by which the area or individual farm will be fallow a 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
_	broodstock or potential broodstock are to be kept ont?	n any site Y
Point of Compliance for Farm Mana	gement Agreements Only	
24. Does the farm management agree parties to the agreement?	ement include arrangements for persons to become,	, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and	d operated in accordance with the agreement or sta	tement?
26. What is the version no/date of issu	ue of the FMAg/S? 08/01/2018	

Site No: FS0240

Case No: 2018-0140

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0140			Date of visit:	11/06/2018			
Site No:	FS0240	1		Inspector:	DCB	1		
Results Summary	Freq.			Da	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
D	•							
Report Summary	_		nd					
Case Type ECI, CNI, SLI, VMD	Date	Insp	2 nd Insp					
ECI, CNI, SLI, VMD	18/06/2018	DCB	AJW					
	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 Visit11/06/2018Site NoFS0240Site NameLinnheInspectorDavid BradleyCase No20180140

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.

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: 19/06/2018

FHI 059, Version 11		Issued by: FHI	Da	te of issue: 12/09/2017
Case No: 2018-0141			Date of vis	sit: 18/04/2018
Time spent on site:	2.5 Hours	Main	Inspector:	DCB
Site No: FS0134	Site Name:	Glenkens		
Business No: FB0013	Business Name:	Torhouse Trout Ltd		
Case Types: 1 ECI	2 CNI 3	4 5	6	
Water Temp (°C): 7.8	Thermometer No:	Site	FHI 045 co	ompleted
Observations:	Region: DG	Water type: F	CoGP I	MA:
Dead/weak/abnormally behaving	ng fish present?	N If yes, see addition	onal information/clinic	cal score sheet.
Clinical signs of disease observ	red?		onal information/clinic	
Gross pathology observed?		N If yes, see addition	onal information/clinic	cal 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 is currently owned and operated by Torhouse trout LTD, however the production is on behalf of Kames.

Mortality - Pen 20 - has highest levels of mortality, WK 13 118, WK 14 119, WK 15 80, WK 16 60. Site was grading this pen, as it came from a different stock and there was quite a few runts, which made up the bulk of the mortality.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0141		Site No:	FS0134	.]			
Date of Visit:		18/04/2018	3		Inspector(s):	DCB]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N	
Site Details								
Total No facilities		24	Facilities sto	cked	21	No facilitie	es inspected	24
Species	RTR	RTR					T	
Age group	2016	2017						
No Fish	92,755	111,791						
Mean Fish Wt	1Kg	150g						
Next Fallow Date (S	ite)	No plans		Next Input Da	ate (Site)	Nov 2018		
					1			
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	s (since last	visit)?	N
If yes, detail:								
Movement Records								
Movement record		r inspection?						Y
2. Date of last inspec		т порсонот.					20/11/2017	
3. Are records comp		ectly entered	?				20/11/2011	Y
4. Are movement red		•						N/A
5. Are records comp								N/A
6. Are health certification		•		able?				N/A
Transport Records								
1. Are any movement If yes, is there a systematical and the statement of the system of					-			Y
	letti ili piacc i	Ul IIIaliilellai	ice or transpor	lation records	·			
Mortality Records								
Mortality records a	available for i	nenection?						Y
2. How are mortalities		•			Incinerated -	on site		
If other detail:	o dioposod s	1.			momoratod	OH OILO		
3. Mortality records of	complete and	correctly en	tered?					Y
4. Recent mortality (3 - 340 per site,	WK 14 - 319	per site, W	K 15 - 285 pe	r site, WK 16
5. Evidence of recen	nt increased/a	atypical morta						N
If yes, facility nos/no		• •		/reason:				
6. Any other peaks in	n mortality du	ring period c	necked?					N
If yes, detail:		. 20						NI/A
7. Have increased (u	inexplained)	mortalities be	en reported to) vet or FHI?				N/A
If yes, detail action:	rantal boon ro	norted to EU	10 If no odd M	IDT cope and c	enter en morte	lity ayonto	ala ant	NI/A
8. Have 'mortality ev	ents been re	ported to Fm	re ii no, add ivi	ik i case and e	enter on morta	anty events s	sneet.	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)?		N
If you dotail:		

1. Recent treatments (last 4 wks)?	N
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
1. Biosecurity records available for inspection?	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)?	
	V
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	T
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?	<u>'</u>
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: 20/11/2017 - 18/04/2018

FHI 059, Version 11		Issued by: FHI			Date	of issue	e: 12/09/201
Case Number:	2018-0141		Site No:	FS0134		Insp:	DCB
Date of Visit	18/04/2018		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	
op 00.00	Number of sup	ocluding third country	0			14	<u> </u>
							<u> </u>
Movements off	Frequency of m		0			10	3
Exposure via water	Transor or door	Site contacts					
Water contacts with other	Farm is protect	ed (secure water supply through	<u> </u>	<u> </u>			
farms (holding species	disinfection or l	•	0				0
susceptible to same diseases)		or in a coastal zone with category In or within 1 tidal excursion	1	2	4		1
		or in a coastal zone with category III					
		or within 1 tidal excursion	1	3	6		├
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices Water contacts with	I A ny nroposina	plant diagharaing into adiagont waters	None	Secure	Unsecure		
processors	Any processing	plant discharging into adjacent waters	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				
	Processing fish from zone or compartment of equivalent status						
	Processing fish from Category III farm						
	Processing fish	from Category V farm	10	-			
Disposal of fish and fish by-	Site's own was	te only processed.	0	j			0
products	Common proce	esses with other farms	3				
	Collection point	for waste from other farms	5	-			
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0]]			
ose of unpasteurised reeds	Feeding unpas	•	5				
Biosecurity	r ccang anpac	Number of sites			≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
		taff and equipment	0		2		l
Disinfection of equipment	Yes		0	1			
between sites, use of footbaths etc	No		1				
CoGP/Regulator				J			
Practices in accordance	Yes]			
with regulator or industry	No		0				-
code of practice			3	1			
Platform access to cages	Yes		0				0
	No		2				
					Total		
					Total Rank		LOW 7
					Railk		LOW

Case No:	2018-0141		Site No:	FS0134	
Sea Lice Inspection (1. Has the site experie	Seawater Sites Only) nced sea lice problems ir	the previous 4 years?			
	⁄lanagement Area (or equ		nously on a single y	ear class basis?	
3. Does the site have a azamethiphos and emcan these be deployed	access to a range of licen amectin benzoate) as we lin a reasonable period ocumented farm managen	ced in-feed and bath sea Ill as access to suitable b f time?	lice medications (indications) iological and/or med	cluding deltamethrin, hanical control measu	res, and
•	ecords available for inspe	ction? (Legal SSI, CoGP	Annex 6)		
	ely reflect the required sta		·	egal SSI, CoGP Anne	(6)
7. Are sea lice (L. saln records are inspected?	nonis) record levels below? (CoGP Annex 6)	v the suggested criteria fo	or treatment in the Co	oGP during the period	that
8. Have average adult records are inspected?	female sea lice (<i>L. salmo</i>	nis) numbers per fish be	en at a level of 3 or a	above during the period	d that
If yes, have these been	n reported to the Fish Hea	alth Inspectorate? If no, F	HI see comment.		
9. Is C. elongatus infe	station at a level which is	considered to cause sign	nificant welfare proble	ems? (CoGP 4.3.81, 5	.3.50)
	reatments been administer reatment or where <i>C. elo</i>				
11. Has any other action	on been taken (where app	olicable)?			
12. Have therapeutic to	reatments or the actions t	aken had a significant im	pact upon the lice le	vels recorded?	
	ere conducted, carried or ng strategy for the site, wh		• •		t for
15. Is there a site spec	cific written lice managem scalation of a sea lice infe		pints describing set a	actions to deal with rec	ognised
16. Does the stock on reasons.	site appear satisfactory in	relation to sea lice level	and sea lice count d	lata? If no please detai	
Containment Inspect	ion				
•	nced equipment damage	due to predators in the c	urrent or previous pr	oduction cycles?	N
2. Are measures in pla	ce to mitigate against the	predation experienced o	n site? (Detail below	·)	Υ
Top Nets					
If other, detail below	:				
Cormorant Scarers					
If Yes proceed with qu	ents or events been exper estions 4 – 9. If No skip to ported to Scottish Ministe	question 10	y of the site since the	e last FHI inspection?	N
5. Have these been re	ported to local DSFB forth	with (where they exist)?	(CoGP – 4.4.37, 5.4	l.17)	
6. Have these been re	ported to the SSPO and I	ocal fisheries trusts forth	vith (where they exis	t)? (CoGP – 4.4.37, 5.	4.17)
7. Were methods (if ar	ny) used to recover escap	ees? If yes give detail			
	oyed was this action agre	ed with local wild fish inte	erests and was perm	ission given by Scottis	h
Ministers? (Legal, Coo	·				
	ken to prevent and minimi	_	pes? (Not covered in	n code but could	
	r satisfactory measures	· · · · · · · · · · · · · · · · · · ·			.,
10. Is the site inspecte	d as satisfactory with reg	ards to containment? If n	o, please detail reas	on(s)	Υ

Issued by: FHI

Date of issue: 12/09/2017

FHI 059, Version 11

Case No:	2018-0141			Date of visit:	18/04/2018			
Site No:	FS0134	1		Inspector:	DCB]		
Results Summary	Freq.				te of Notifica	tion		
, , , , , , , , , , , , , , , , , , , ,	14	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	1							
	+							
	1							
D O				1				
Report Summary			nd					
Case Type ECI, CNI	Date	Insp	2 nd Insp					
ECI, CNI	03/05/2018	DCB	SAE					
				4				
	+			1				
	+							
				-				
	1							
	†							





Torhouse Trout Ltd Torhouse Trout Farm Wigtown Newton Stewart DG8 9DJ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOFB0013DATE OF VISIT 18/04/2018SITE NOFS0134SITE NAMEGlenkensINSPECTORDavid BradleyCASE NO20180141

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

R04

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

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.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 03/05/18
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	ued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0142			Date of visit: 18/04/2018
Time spent on site:	2.5 hrs	Main In	nspector: DCB
Site No: FS0560 Business No: FB0013	Site Name: Business Name:	Torhouse Mill Torhouse Trout Ltd	
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6
Water Temp (°C): 10.4	Thermometer No:	Site	FHI 045 completed
Observations:	Region: DG	Water type: F	CoGP MA:
Dead/weak/abnormally behavir 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 car	ry out intended visit detail rea	ason below:	

Additional Case Information:

VMD fish were looked healthy when opened.

FHI 059, Version 11			Issu	ued by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0142		Site No:	FS0560	0			
Date of Visit:		18/04/201	8		Inspector(s):	DCB]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		site represent	ative?			Y N	}
Site Details								
Total No facilities		50	Facilities sto	ocked	12	No facilitie	s inspected	50
Species	RTR	RTR						
Age group	2017	2018						
No Fish	210,000	635,000						
Mean Fish Wt	220g	0.3g						
Next Fallow Date (S	ite)	No plans		Next Input D	ate (Site)	May 18		
					7			
Recent (last 4 wks)	disease prob	lems?		1	N Any escapes	s (since last	visit)?	N
If yes, detail:								
Movement Record	s							
1. Movement record	ls available fo	or inspection	?					Υ
2. Date of last inspe		·					21/11/2017	•
3. Are records comp	olete and cor	rectly entered	! ?					Y
4. Are movement re				?				Y
5. Are records comp								Y
6. Are health certific	ates for intro	ductions (out	with GB) avail	able?				Y
Transport Records	;							
1. Are any movemen		• •		•	•			Y
If yes, is there a sys	tem in place	for maintena	nce of transpo	rtation records	s?			Y
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortalities		•			Ensiled - on	site		
If other detail:								
3. Mortality records	complete and	d correctly en	itered?					Y
4. Recent mortality ((last 4 wks):			orts - between aerator last we			RW 8/6 slightly	y higher after
5. Evidence of recer	•	atvoical morta						N
If yes, facility nos/no		• •		//reason:				
6. Any other peaks i	n mortality d	uring period o	checked?					N
If yes, detail:	L	(1121)		. =:!!				1 1 1 1 1
7. Have increased (unexplained)	mortalities b	een reported t	o vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality ev	ents' heen r	enorted to EL	112 If no add N	ART case and	enter on morts	ality events o	sheet	N/A
o. Have mortality ev	CITE DECITION	sported to PP	ii ii iio, auu N	mili case and	Chief on more	anty GVGHIS S	JI ICCL.	1 1 7 / 7

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Total control of the Patron Barra Is		

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	Y
If yes, detail: Formalin	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)? Formalin	
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 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
ricaliti status, certification il 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: 21/11/2017-18/04/2018

П	ni usa, versioni i i							155	sueu by.				
	Case no:	2018-01	142	Site No:		FS0560			Date of Samplin		18/0	04/2018	
	Priority samples:	VI		ВА		PA		MG		g. HI			
	Time sampling starts/ends:	12:0	0:00	12:3	0:00		Inspecto	or:	DCB		VMD No	o.	1
	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											ľ
	Pool Group												
	Species	RTR											Î
	Average weight	250g											
	Sex	N/A											
	Water Type	FW											
"		≡ ⊠											
Details		Torhouse Mill											
		ırhc											
Stock	Stock Origin												
Ċ,	Facility No	R6											

	Addition	nal Sam	ple Infor	mation:							
0	1	Total To	ests ass	igned	0	1					

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017
Case Number:	2018-0142		Site No:	FS0560		Insp:	DCB
Date of Visit	18/04/2018		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	5
with GB) of susceptible species		novements on from equivalent zone or	0	0	10	26	
эрсогса	Number of sup	ncluding third country	0		18 10	26 14	5
Movements off	Frequency of n Number of des		0		6	10	3
Exposure via water	Indiffiber of des	Site contacts			6-10	10	
Water contacts with other	Farm is protect	ted (secure water supply through	<u> </u>	1	0 10		
farms (holding species	disinfection or I		0				
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		1
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	from zone or compartment of	4	1			
	-	n 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	1			0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	Inpasteurised feed	0	1			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	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				\Box
					Total		MEDIUM
					Rank		MEDIUM

Case No:	2018-0142		Site No:	FS0560	
Sea Lice Inspection (S 1. Has the site experien	seawater Sites Only) ced sea lice problems in t	he previous 4 years?			
•	•	alent) fallowed synchronous	sly on a single y	ear class basis?	
azamethiphos and ema can these be deployed	mectin benzoate) as well in a reasonable period of umented farm manageme	ed in-feed and bath sea lice as access to suitable biolog time? ent agreement or statement r	ical and/or mec	hanical control measu	res, and
-		ion? (Legal SSI, CoGP Anne	ex 6)		
	·	ndard specified in the SSI an	•	egal SSI, CoGP Anne	x 6)
7. Are sea lice (<i>L. salma</i> records are inspected?		the suggested criteria for trea	atment in the Co	oGP during the period	that
8. Have average adult for records are inspected?	emale sea lice (<i>L. salmon</i>	<i>is</i>) numbers per fish been at	a level of 3 or a	above during the perio	d that
If yes, have these been	reported to the Fish Heal	th Inspectorate? If no, FHI se	ee comment.		
9. Is C. elongatus infes	tation at a level which is c	onsidered to cause significat	nt welfare proble	ems? (CoGP 4.3.81, 5	.3.50)
		ed or other actions taken wh gatus is considered to have			
11. Has any other action	n been taken (where appli	cable)?			
12. Have therapeutic tre	eatments or the actions ta	ken had a significant impact	upon the lice le	vels recorded?	
		in cooperation between partere fewer populations or part			nt for
	fic written lice management calation of a sea lice infes	nt procedure with waypoints tation?	describing set a	actions to deal with rec	ognised
16. Does the stock on s reasons.	ite appear satisfactory in	relation to sea lice level and	sea lice count c	data? If no please deta	il
Containment Inspection	on				
•		ue to predators in the curren	t or previous pr	oduction cycles?	N
2. Are measures in place	e to mitigate against the p	oredation experienced on site	e? (Detail below	<i>y</i>)	Y
If other, detail below:					
Overhead lines, fenced,	hatchery inside.				
	·	enced on or in the vicinity of t	he site since th	e last FHI inspection?	N
If Yes proceed with que	stions 4 – 9. If No skip to	question 10			
4. Have these been rep	orted to Scottish Ministers	?			
5. Have these been rep	orted to local DSFB forthy	vith (where they exist)? (CoG	6P - 4.4.37, 5.4	1.17)	
6. Have these been rep	orted to the SSPO and loo	cal fisheries trusts forthwith (where they exis	t)? (CoGP – 4.4.37, 5.	4.17)
7. Were methods (if any	v) used to recover escape	es? If yes give detail			
		d with local wild fish interests	s and was perm	nission given by Scottis	sh
Ministers? (Legal, CoGF	·	the right of further account	(Not sourced:	n aada kut sauld	
		e the risk of further escapes?	(Not covered I	n code but could	
	satisfactory measures as satisfactory with regard	of the Act) rds to containment? If no, ple	ase detail reas	on(s)	Υ

Issued by: FHI

Date of issue: 12/09/2017

FHI 059, Version 11

Site No: FS0560

Case No: 2018-0142

Nature of non-compliance:

Action taken (FHI):

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

Results Summary Freq. Date of Notification Database Insp Phone Insp Writing Insp 2 nd Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp	Case No:	2018-0142]		Date of visit:	18/04/2018			
Results Summary Freq. Database Insp Phone Insp Writing Insp 2 nd Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Ins	Site No:	FS0560]		Inspector:	DCB]		
Database Insp Phone Insp Writing Insp 2nd Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp	Results Summary	Fred	- 				tion		
Report Summary	Results Guillinary	r roq.	Database	Insp				Insp	2 nd Insp
Report Summary							j		
Report Summary									
Report Summary									
Report Summary									
Report Summary									
Report Summary									
Report Summary									
Report Summary									
Report Summary				1					ļ
Report Summary									
Report Summary									
Report Summary					1	-			-
Report Summary									
Report Summary									
Report Summary				1					
Report Summary									
Report Summary									
Report Summary				1					
Report Summary									
Report Summary									
Report Summary									
Report Summary									
Report Summary									
Report Summary and	-				•				
	Report Summary				4				
Case Type Date Insp 2 nd Insp	Case Type ECI, CNI, VMD	Date	Insp	2 nd Insp					
ECI, CNI, VMD 03/05/2018 DCB SAE	ECI, CNI, VMD	03/05/2018	DCB	SAE					
					4				
					4				
				1	-				
					4				
					-				
				1	-				
		+							
		+	 	+					





Torhouse Trout Ltd Torhouse Trout Farm Wigtown Newton Stewart DG8 9DJ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0013
SITE NO FS0560
INSPECTOR David Bradley

DATE OF VISIT 18/04/2018
SITE NAME Torhouse Mill
CASE NO 20180142

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.

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

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

Inspection under the 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 with respect to section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory.

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

Signed:

Fish Health Inspector

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: 03/05/18

FHI 059, Version 11	Issu	ued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0143			Date of visit: 19/04/2018
Time spent on site:	3 hours	Main Inspecto	or: JET
Site No: FS0056	Site Name:	Ardmair	
Business No: FB0447	Business Name:	Wester Ross Fisheries Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 7.9	Thermometer No:	T147	FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA: M-11
Dead/weak/abnormally behaving	· .		rmation/clinical score sheet.
Clinical signs of disease observ	ed?		rmation/clinical score sheet.
Gross pathology observed? Diagnostic samples taken?		N If yes, see additional info	rmation/clinical score sheet.
UNI/REG only - if unable to care	ry out intended visit detail rea	ason below:	

Additional Case Information:

Wrasse on site reused from previous production cycle at Ardmair, originally wild caught No Movements on or off site since last inspection. Fish sampled for VMD appeared healthy.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	ıe: 12/09/2017
Case No:	2018-0143		Site No:	FS0056	j			
Date of Visit:		19/04/2018	,		Inspector(s):	JET		1
Registration/Authornamental 1. Business/site deta 2. Changes made to	tails summary		ite representa	ıtive?			Y N	}
Site Details								
Total No facilities		60	Facilities stoo	cked	10	No facilitie	es inspected	60
Species	SAL	WRA						
Age group	S0 2017	2016						
No Fish	188,403	1,226						
Mean Fish Wt	554g	Mix						
Next Fallow Date (S	ite)	June 2019		Next Input Da	ate (Site)	October 2	019	
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	s (since last	visit)?	N
Movement Records	s							
1. Movement record	ds available fo	or inspection?						Y
2. Date of last inspe							25/10/2017	
3. Are records comp	•	•						Y
4. Are movement re								Y
5. Are records comp6. Are health certific	•	•		able?				N/A
Transport Records		additione (ba	III1 05, 414	DIC.				
Transport Necords								
1. Are any movemen								Y
If yes, is there a sys	tem in place f	ior maintenan	ce of transpor	tation records	?			Y
Mortality Records								
Mortality records a	available for	inspection?						Y
2. How are mortalities		•			Biogas - Bark	kip		
If other detail:								
3. Mortality records	•	•						Y
4. Recent mortality (` '			across site, m	ajority attribut	ed to seal d	lamage	NI NI
5. Evidence of recer		•						N
If yes, facility nos/no	mortality per	facility/no sto	ck per racinty/	reason:				
6. Any other peaks i	in mortality du	uring period ch	necked?					N
If yes, detail:								
7. Have increased (u	•	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								• NI/A
8. Have 'mortality ev	/ents' been re	ported to FHI	? If no, add M	RT case and e	enter on morte	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)?	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?	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	Ť
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)?	ī
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	Y
aquaculture animals held on site?	V
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	ı
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).	
Decords absolved between 25/10/2017 10/04/2019	

cords checked between: 25/10/2017 - 19/04/2018

' '	ai 059, version i i							155	ueu by. F	11			
	Case no:	2018-01	143	Site No:		FS0056			Date of vi		19/0	04/2018	
	Priority samples:	VI		ВА		PA		MG	Sampling	НІ			
	Time sampling starts/ends:	12:0	0:00	12:1	0:00		Inspecto	or:	JET		VMD No).	6
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI	F	'A		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2	3									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	0.5000	0.5000	0.5000									
	Sex	N/A	N/A	N/A									
	Water Type	SW	SW	SW									
ck Details		och Merkland	och Merkland	Loch Merkland									
Stock	Facility No	Q1	Q2	Q4									

Additional Sample Information:													
0	0 Total Tests assigned 0												

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017	
Case Number:	2018-0143		Site No:	FS0056		Insp:	JET	
Date of Visit	19/04/2018			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	Frequency of movements on from equivalent zone or				40	00		
эресіез	compartment including third country			9	18 10	26 14	0	
	Number of suppliers							
Movements off	Frequency of m		0			10	0	
Exposure via water	Number of des	Site contacts	_			10		
Exposure via water Water contacts with other	Farm is protect	ed (secure water supply through	, <u> </u>	1-5 	0-10			
farms (holding species	disinfection or l		0					
susceptible to same		or in a coastal zone with category I		_				
diseases)		or within 1 tidal excursion	1	2	4		1	
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6			
		or in a coastal zone with category V						
		n or within 1 tidal excursion	1	4	8			
Management practices			None	Secure	Unsecure			
Water contacts with	Any processing	plant discharging into adjacent waters						
processors	7.		0	1	2		0	
On farm processing within	No on farm pro	cessing]				
the rules of the directive	Processing own	n fish (re-cycling risk)	0					
			1				1	
		from MS of equivalent status	2					
	equivalent statu	from zone or compartment of	4					
		rfrom Category III farm	8					
	Processing fish	rfrom Category V farm	10					
Disposal of fish and fish by-	Sito's own woo	to only proposed	1] 1				
products		• •	0	•			0	
	•	esses with other farms	3					
	Collection point	t for waste from other farms	5					
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0				0	
	Feeding unpas	teurised feed	5					
Biosecurity		Number of sites	. 1	2 or 3	≥ 4			
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0	
	Sites sharing s	taff and equipment	0	1	2		0	
Disinfection of equipment	Yes		0	1				
between sites, use of	No		0					
footbaths etc	110		1	J				
CoGP/Regulator	lv			1				
Practices in accordance with regulator or industry	Yes		0				0	
code of practice	No		3					
Diatform access to access	Yes			1				
Platform access to cages			0				0	
	No		1 2	l				
					Total		2	
					Rank		LOW	

FHI 059, Version 11		Issued by: FHI		Date of iss	sue: 12/09/2
Case No: 2018	-0143	S	Site No: F	S0056	
Sea Lice Inspection (Seawat 1. Has the site experienced se		ıs 4 vears?			N
2. Is the CoGP Farm Manager	·	•	a single veal	r class basis?	Y
3. Does the site have access taxamethiphos and emamectin can these be deployed in a read. Is there a signed document	to a range of licenced in-feed a benzoate) as well as access asonable period of time? ed farm management agreem	and bath sea lice medic s to suitable biological ar	cations (included)	ding deltamethrin, nical control measures, and	Y
Management Area (or equival					
5. Are sea lice count records a			0.000.0	1001 0 00 4 0)	Y
6. Do records adequately refle	ct the required standard spec	cified in the SSI and the	CoGP? (Leg	al SSI, CoGP Annex 6)	Υ
7. Are sea lice (<i>L. salmonis</i>) records are inspected? (CoG		sted criteria for treatmen	nt in the CoG	P during the period that	Υ
8. Have average adult female records are inspected?		·		ove during the period that	N
If yes, have these been report	·				N/A
9. Is <i>C. elongatus</i> infestation a	at a level which is considered	to cause significant well	fare problem	s? (CoGP 4.3.81, 5.3.50)	N
10. Have therapeutic treatmer suggested criteria for treatmer					N/A
11. Has any other action been	taken (where applicable)?				N/A
12. Have therapeutic treatmer	nts or the actions taken had a	significant impact upon	the lice level	s recorded?	N/A
13. Are treatments, where con 14. Is there a harvesting strate sea lice?	·		~	eld without treatment for	Y Y
15. Is there a site specific writt scenarios during the escalatio		re with waypoints descri	ibing set acti	ons to deal with recognised	Y
16. Does the stock on site appreasons.	pear satisfactory in relation to	sea lice level and sea lic	ce count data	a? If no please detail	Υ
Containment Inspection 1. Has the site experienced ed 2. Are measures in place to m				uction cycles?	N V
A.D.D., Predator Nets (belo			Stall Delow)		•
If other, detail below:	,,				
,					
 Have escape incidents or each of the second o	4 – 9. If No skip to question 1	-	e since the la	ast FHI inspection?	N
5. Have these been reported t 6. Have these been reported t					
7. Were methods (if any) used	I to recover escapees? If yes	give detail			
8. If gill nets were deployed wa	as this action agreed with loca	al wild fish interests and	was permiss	ion given by Scottish	
Ministers? (Legal, CoGP – 4.4			nao poniniso	givon by coothon	
9. What action was taken to p	revent and minimise the risk of	of further escapes? (Not	covered in c	ode but could	
	actory measures of the Act				
10. Is the site inspected as sa	tisfactory with regards to conta	ainment? If no, please d	detail reason((s)	Y

Date of issue: 12/09/2017

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0143	Site No: FS0056	
Date of Visit: 19/04/2018	Inspector: JET	
Point of Compliance		
1. Is the farm under inspection located v	vithin a farm management area?	Y
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 relevan5. Does the FMAg/S identify the fish farr	t farm management area? m site(s) to which it applies? commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health Manag	ement	
farm? 9. Does the FMAg/S identify the vaccina 10. Does the FMAg/S identify the specie 11. Does the FMAg/S identify the maxim individual farm? 12. Does the FMAg/S identify the arrang fish farm in the area or the individual fa Arrangements for The Management of 13. Does the FMAg/S identify arrangem		or farm? Y Y n the area or the Pead fish from any Pers and treatments? Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y
of statement? 15. Does the FMAg/S identify any requir lice on farms in the area or individual far 16. Does the FMAg/S identify the circum used on farms in the area or individual far	rements for the sensitivity testing of available to rms? Instances under which biological controls and contro	reatments for sea Y cleaner fish are to be
Live Fish Movements		
area or farm?	nstances 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 accepta	able harvest practices on farms in the area or individu	ual farms?
Fallowing		
21. Does the FMAg/S identify the date date when a farm or area may be rest	es by which the area or individual farm will be fallow a cocked?	and the earliest
•	r one or more year classes may be stocked onto site	s covered by the Y
	r broodstock or potential broodstock are to be kept on nt?	n any site Y
Point of Compliance for Farm Mana	agement Agreements Only	
24. Does the farm management agree parties to the agreement?	ement include arrangements for persons to become,	or cease to be, N/A
Management and operation		
25. Is the fish farm being managed an	nd operated in accordance with the agreement or sta	tement?
26. What is the version no/date of issu	ue of the FMAg/S? Version 4, issued Noven	mber 2017

Case No:	2018-0143			Date of visit:	19/04/2018			
Site No:	FS0056	1		Inspector:	JET	1		
		1						
Results Summary	Freq.	Database	Insp	Phone Da	te of Notifica Insp	tion Writing	Insp	2 nd Insp
		Database	ПОР	1 110110	ШОР	Willing	ПОР	2 IIISP
	1							1
	1	-						<u> </u>
								1
	1							1
								•
Report Summary								
Case Type ECI,CNI,SLI,VMD	Date	Insp	2 nd Insp					
ECI,CNI,SLI,VMD	25/04/2018	JET	KAS					
	1	-						
			 					





Wester Ross Fisheries Ltd Ardmair Ullapool Ross-shire IV26 2TN

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0447Date of Visit19/04/2018Site NoFS0056Site NameArdmairInspectorJoe TriscottCase No20180143

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

R25

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

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

Inspection under the 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: 25/04/2018

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

Į:	ssued by: FHI	Date of issue: 12/09/2017
		Date of visit: 17/04/2018
5 mins	Main In	aspector: ASM
Site Name:	Site 1	
Business Name:	Alex Morrison	
2 3	4 5	6
Thermometer No:	T172	FHI 045 completed
Region: HI	Water type: S	CoGP MA:
fish present? d?	If yes, see additiona	al information/clinical score sheet. al information/clinical score sheet. al information/clinical score sheet.
out intended visit detail	reason below:	
	Site Name: Business Name: Thermometer No: Region: HI fish present? d?	Site Name: Business Name: Site 1 Alex Morrison Thermometer No: Region: HI Water type: S If yes, see additionally ges, see add

Site to be inactivated

Site inspected from shore. No stock or facilities on site

Owner still possesses the Crown Estate Lease for both sites

No plans to use the site in the foreseeable future due to access problems. There is talk of the council building a pier in the area and if that goes ahead the site maybe reused.

Site details checked over the phone

No movement onto or off the site in about 10 years

FHI 059, Version 11		_	Issu	ed by: FHI	_		Date of issu	e: 12/09/2017
Case No:	2018-0148		Site No:	SS0754				
Date of Visit:		17/04/2018	3		Inspector(s):	ASM]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	itive?			Y N]
Site Details								
Total No facilities Species Age group No Fish	Fallow	0	Facilities sto	cked	0	No facilitie	es inspected	0
Mean Fish Wt Next Fallow Date (S	ite)	N/A		Next Input Da	te (Site)	No plans		
Next I allow Date (5)	ite)	IN/A		Next Input Da		NO Plans		
Recent (last 4 wks) of the last 4 wks) of the last 4 wks) of the last 4 wks.	disease probl	ems?		N	Any escapes	s (since last	visit)?	N
Movement Records								
Movement record		r inspection?						N/A
2. Date of last inspec		орооно					10/09/2014	
3. Are records comp	lete and corre	ectly entered	?					N/A
4. Are movement red	cords availab	le for dead fis	sh and waste?					N/A
5. Are records comp		•						N/A
6. Are health certification	ates for introd	luctions (outv	vith GB) availa	able?				N/A
Transport Records								
1. Are any movement If yes, is there a systematical system of the system		• •		•	•			
Mortality Records	, , , , , ,							
								N1/A
1. Mortality records a		•						N/A
2. How are mortalitied of their detail:	es aisposea o	1?						
3. Mortality records of	complete and	correctly ent	ered?					N/A
4. Recent mortality (•		-					
5. Evidence of recen	*	typical morta	lities?					N/A
If yes, facility nos/no		• •		/reason:				
6. Any other peaks in	n mortality du	ring period cl	necked?					N/A
If yes, detail: 7. Have increased (u	inexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:	oxpiairica)		on roportou to	, , , , , , , , , , , , , , , , , , , ,				14//
8. Have 'mortality ev	ents' been re	ported to FHI	l? If no, add M	RT 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 <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).	
Decords shooked between 10/00/44 17/04/49	

ords checked between: 10/09/14 - 17/04/18

Case No:	2018-0148			Date of visit	: 17/04/2018	3		
Site No:	SS0754]		Inspector	: ASM]		
Results Summary	Freq.			Da	ate of Notifica	ition		
,	· ·	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
		<u> </u>		<u> </u>	<u> </u>	<u> </u>		<u> </u>
D (O	_			7				
Report Summary			nd	4				
Case Type REG	Date	Insp	2 nd Insp	4				
REG	25/04/2018	ASM	KAS	_				
				_				
				_				
				_				
				4				
	+							
	+							
			-					
	+		1	-				







FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS No
 SB0478
 DATE OF VISIT
 17/04/2018

 SITE No
 SS0754 and SS0755
 SITE NAME
 Site 1 and Site 2

INSPECTOR Andy Mayes Case No 20180148 and 20180149

The above sites were 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 sites were found to be fallow. No plans to use the sites in foreseeable future. All equipment has been removed from the water.

An authorisation amendment form has already been filled in to make the sites inactive. Once the form has been processed a letter will be sent confirming the sites have been inactivated.

Records

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: Date: 25/04/2018

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: 2018-0149			Date	e of visit: 17/04/2018
Time spent on site:	5 mins	Mai	in Inspector:	ASM
Site No: SS0755	Site Name:	Site 2		
Business No: SB0478	Business Name:	Alex Morrison		
Case Types: 1 REG	2 3	4 5	6	
Water Temp (°C):	Thermometer No:	T172	FHI	045 completed
Observations:	Region: HI	Water type:	s c	CoGP MA:
Dead/weak/abnormally behaving	fish present?	If yes, see addi	tional information	n/clinical score sheet.
Clinical signs of disease observe	ed?			n/clinical score sheet.
Gross pathology observed? Diagnostic samples taken?		If yes, see addi	tional information	n/clinical score sheet.
Diagnostic samples taken!				
UNI/REG only - if unable to carry	out intended visit deta	il reason below:		

Site to be inactivated

Site inspected from shore. No stock or facilities on site

Owner still posesses the Crown Estate Lease for both sites

No plans to use the site in the foreseable future due to access problems. There is talk of the council building a pier in the area and if that goes ahead the site maybe reused.

Site details checked over the phone

No movement onto or off the site in about 10 years

FHI 059, Version 11			Issı	ued by: FHI			Date of issu	ue: 12/09/2017
Case No:	2018-0149		Site No:	SS0755	5			
Date of Visit:		17/04/201	18		Inspector(s):	: ASM		
Registration/Authornament 1. Business/site deta 2. Changes made to	tails summary		site represent	ative?			Y N	}
Site Details								
Total No facilities		0	Facilities sto	ocked	0	No facilitie	es inspected	0
Species Age group	Fallow							
Age group No Fish								
Mean Fish Wt								
Next Fallow Date (S	Site)	N/A		Next Input Da	ate (Site)	No plans		
·	,				7			
Recent (last 4 wks)	disease prob	lems?		P	N Any escapes	s (since last	visit)?	N
If yes, detail:								
Movement Records								
1. Movement record		or inspection?	?				10/00/0014	N/A
2. Date of last inspe		anthr antoror	10				10/09/2014	N/A
 Are records comp Are movement re 	•	•		2				N/A N/A
5. Are records comp								N/A
6. Are health certific	•	•		able?				N/A
Transport Records								
1. Are any movement of yes, is there a sys					-			
Mortality Records	tom			riotio.				
Mortality records:	available for	inapaction?						N/A
2. How are mortalities		•						
If other detail:	30 diopoco.	<i>/</i> 1 :						
3. Mortality records	complete and	d correctly en	itered?					N/A
4. Recent mortality ((last 4 wks):							
5. Evidence of recer		* *						N/A
If yes, facility nos/no	mortality per	r facility/no st	tock per facility	//reason:				
6. Any other peaks i	in mortality di	uring period (checked?					N/A
If yes, detail:	il ilisi.	in g P	//IOCKS E					
7. Have increased (•	mortalities b	een reported t	o vet or FHI?				N/A
If yes, detail action:								\$1/A
8. Have 'mortality ev	vents' been re	eported to FF	II? If no, add I	IRT case and	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	
4. Biographity records available for inspection?	
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?	
moreased (anexplained) moreally at the site seem moreased.	
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: 10/09/14 - 17/04/18	

Site No: SS0755 Inspector: ASM Results Summary Freq. Date of Notification Database Insp Phone Insp Writing Insp 2 nd Insp	Case No:	2018-0149]		Date of visit:	17/04/2018			
Results Summary Freq. Date of Notification	Site No:	SS0755]		Inspector	ASM]		
Database Insp Phone Insp Writing Insp 2nd Insp Database Insp Phone Insp Writing Insp 2nd Insp	Poculte Summary		- I				tion		
	rtesults Summary	1 164.	Database	Insp				Insp	2 nd Insp
					<u> </u>				
			-		+	+			+
			1		ì	1			1
	D + 0				,				
Report Summary and an analysis of the state	Report Summary			nd	-				
Case Type Date Insp 2 nd Insp	Case Type REG	Date	Insp	2 nd Insp					
REG 25/04/2018 ASM KAS	REG	25/04/2018	ASM	KAS	-				
					4				
					-				
					-				
					-				
			-		-				
		+		+					
		+							







FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS No
 SB0478
 DATE OF VISIT
 17/04/2018

 SITE No
 SS0754 and SS0755
 SITE NAME
 Site 1 and Site 2

INSPECTOR Andy Mayes Case No 20180148 and 20180149

The above sites were 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 sites were found to be fallow. No plans to use the sites in foreseeable future. All equipment has been removed from the water.

An authorisation amendment form has already been filled in to make the sites inactive. Once the form has been processed a letter will be sent confirming the sites have been inactivated.

Records

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: Date: 25/04/2018

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: 2018-0150]		Date of visit: 12/06/2018
Time spent on site:	2.5 hours	Main Insp	ector: DCB
Site No: FS0249	Site Name:	Ardnish	
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-31
Dead/weak/abnormally behavio	ng fish present?		nformation/clinical score sheet.
Clinical signs of disease obser	ved?		nformation/clinical score sheet.
Gross pathology observed?		N If yes, see additional i	nformation/clinical score sheet.
Diagnostic samples taken?		IN	
UNI/REG only - if unable to car	rry out intended visit deta	il reason below:	

VMD only visit conducted as water temperture was to high to complete ECI.

VMD fish were healthy inside

FHI 059, Version 11			Issu	ied by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0150		Site No:	FS0249	9			
Date of Visit:		12/06/201	8		Inspector(s):	DCB]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N]
Site Details								
Total No facilities		94	Facilities sto	ocked	26	No facilitie	s inspected	26
Species	SAL							
Age group								
No Fish								
Mean Fish Wt	203g							
Next Fallow Date (S	ite)	June 19		Next Input Da	ate (Site)	July 2019		
	disease probl	ems?		N	Any escapes	s (since last	visit)?	N
If yes, detail:								
Movement Records	S							
1. Movement record	s available fo	r inspection	?					Y
2. Date of last inspe	ction:						19/02/2015	
· ·		•					1	Y
				?				Y
		•						Y NI/A
6. Are health certific	ates for introd	ductions (out	with GB) availa	able?				N/A
Transport Records	•							
•		• `	,	,	,			
	tem in place t	or maintena	nce of transpo	rtation records				
Mortality Records								
1 Mortality records :	available for i	nspection?						Y
•		•			Ensiled - on	site		
If other detail:								
3. Mortality records of	complete and	correctly en	itered?					Y
4. Recent mortality (last 4 wks):			1% wk 21 - 0.0	003% wk 22 -	0.08% wk 2	23 - 0.052% a	cross the
• ,	•	typical mort	_					N
		• •		/reason:				
	n mortality du	ring period of	checked?					N
•	unavalainad)	martalities b	oon ronarted t	o yet or FUI2				N/A
· ·	ortal No facilities pecies pecies SAL ge group or Fish Bean Fish Wt ext Fallow Date (Site) June 19 Next Input Date (Site) July 2019 eccent (last 4 wks) disease problems? yes, detail: Overment Records		IV/A					
	tal No facilities ecies SAL		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: 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?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
December the cloud histories 10/02/2015 12/05/2019	

Records checked between: 19/02/2015 - 12/06/2018

Г	mi 059, version i i							155	sueu by.	ГПІ			
	Case no:	2018-01	150	Site No:		FS0249			Date of Samplin		12/0	06/2018	
	Priority samples:	VI		ВА		PA		MG		lg. HI			
	Time sampling starts/ends:	09:3	0:00	10:3	0:00		Inspecto	or:	DCB		VMD No	o.	2
	Environmental conditions:	1	Dry	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
Δ	dd Fish/Pools - click												
Г	Pool/Fish No												
	Fish nos	1-2											
	Pool Group	1											
	Species	SAL											
	Average weight	203g											
	Sex	N/A											
	Water Type	SW											
		>											
Details		och Lochy											
ja		بّ											
		성											
Stock	Stock Origin												
Ċ	Facility No	A9											

	Addition	nal Sam	ple Infor	mation:							
0	1	Total To	ests ass	igned	0	1					

Site No: FS0249

Case No: 2018-0150

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0150			Date of visit:	12/06/2018			
Site No:	FS0249	l		Inspector:	DCB	l		
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp		Insp	Writing	Insp	2 nd Insp
					-			
	Į							
	1			-				
	Î							
Report Summary								
Case Type VMD	Date	Insp	2 nd Insp					
VMD	19/06/2018	DCB	AJW					
	Į							
	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 Visit12/06/2018Site NoFS0249Site NameArdnishInspectorDavid BradleyCase No20180150

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.



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: 19/06/2018

FHI 059, Version 11		Issued by: FHI		Date of issue:	: 12/09/2017
Case No: 2018-0153			Dat	te of visit: 23/04	/2018
Time spent on site:	5 hrs	Ma	ain Inspector:	PMM	
Site No: FS0749 Business No: FB0125	Site Name: Business Name:	Holms Geo Scottish Sea Farms	s Ltd		
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6		
Water Temp (°C): 7.5	Thermometer No:	T155	FHI	045 completed	
Observations:	Region: SH	Water type:	s o	CoGP MA: S-1	11
Dead/weak/abnormally behavir Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	•	N If yes, see addi	itional informatio	on/clinical score shon/clinical score shon/clinical score sh	neet.
UNI/REG only - if unable to car	ry out intended visit deta	il reason below:			

SSF only using two sites in COGP MA S-11 this cycle Holms Geo and Teisti Geo. It was reported that the Dury Voe area, COGP MA S5 will be stocked with S1's this cycle rather than S0. Very detailed FMAg currently in place between SSF and GSS which details time frame for conducting treatments and better co-ordination of treatments with the whole area to be treated within 14 days.

All cages have sea lice skirts installed and these were reported to have been installed prior to cages being stocked. Lice skirts are 6m deep (5.5m below the water) and have reported to be successful after use at the Slocka Ronas Voe site. No tarp treatments have been conducted at this site since lice skirts installed, but company experience at other sites has shown no issues with conducting treatments.

SSF sites in the area are conducting daily water checks and with the revised FMAg for this cycle there is a greater emphasis on sharing data and increased communication between SSF and GSS.

Site is due to receive an input of Lump fish from FAI Shetland in the next couple of weeks. Lumpfish were reported to be vaccinated with a Ridgeway vaccine, however, site manger unsure of what the vaccination was against.

30 fish removed for VMD, all appeared in very good condition. 11 dead observed across site, not fresh dead and these were removed by site staff during the course of the inspection. 5 failed smolts observed across site at time of inspection, these were still actively swimming.

May use the South Havra site for the next cycle of fish (2020 input)

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	ue: 12/09/2017
Case No:	2018-0153		Site No:	FS0749	3			
Date of Visit:		23/04/2018	3		Inspector(s):	PMM		1
Registration/Authornament 1. Business/site det 2. Changes made to	ails summary		site representa	ative?			Y N	-
Site Details								
Total No facilities		12	Facilities sto	cked	11	No facilitie	es inspected	12
Species	Sal 18 S1							
Age group No Fish	332,244							
	160g							
Mean Fish Wt Next Fallow Date (S		Aug / Sept 2	2010	Next Input Da	oto (Sito)	2020 S1		
Next Fallow Date (C	ile)	Aug / Sept 2	.019	Next Input Da		2020 31		
Recent (last 4 wks) If yes, detail:	disease prob	olems?		N	Any escapes	s (since last	visit)?	N
Movement Record								
 Movement record Date of last insper Are records comp Are movement re Are records comp Are health certific 	ection: plete and correctords available plete and correctes for intro	rectly entered' ble for dead fis rectly entered'	? sh and waste? ?				20/07/2016	Y Y Y N/A
 Are any moveme 		ut by (or on be	shalf) of the hi	usinoss (not us	ing a STR\2			Y
If yes, is there a sys		• `		•	· ·			Y
Mortality Records								
Mortality records How are mortalities	es disposed o	of?					Vaste to Ener	'gy
If other detail: 3. Mortality records				s will be dispos	sed of to 1 VVIV	1A Shetiand	- ensiling	Y
3. Wortailty records	Complete and	J Conechy em		e for previous 4	4 weeks (3.14	8 failed smo	olts, 1,274 sno	-
4. Recent mortality	(last 4 wks):			8 seal predatio	,			out and tail
5. Evidence of recei	nt increased/	atypical morta	lities?					N
If yes, facility nos/no	mortality pe	r facility/no sto	ock per facility	/reason:				
C. Arrivether needs	·	wine noried of	المعادة عام					N
6. Any other peaks if yes, detail:	n mortality di	uring period ci	тескей?					N
7. Have increased (unexplained)	mortalities be	en 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		
1. Recent treatments (last 4 wks)?	Y	
If yes, detail: T.M.S.		
If other, detail:		
2. Medicines records available for inspection?	Y	
·	Y	
•	Y	
	Y	
6. Are medicines stored appropriately?	Ť	
Biosecurity Records		
Biosecurity records available for inspection?	Y	
·	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	
	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	
1. Recent treatments (last 4 wks)? If yes, detail: If other, detail: 2. Medicines records available for inspection? 3. Are records complete and correctly entered? 4. Are fish in a withdrawal period? 5. If yes, what treatment(s)? If other, detail: 6. Are medicines stored appropriately? Biosecurity Records 1. Biosecurity records available for inspection? 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered? 3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any increased (unexplained) mortality at the site been included? 4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and how and when that will be notified to Scottish Ministers? 5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)? 6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)? 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site? 8. Have the biosecurity procedures been adequately implemented on site? If no, detail: Results of Surveillance 1. Has any animal health surveillance been carried out by, or on behalf of, the business?		
1. Recent treatments (last 4 wks)? If yes, detail: 2. Medicines records available for inspection? 3. Are records complete and correctly entered? 4. Are fish in a withdrawal period? 5. If yes, what treatment(s)? If other, detail: 6. Are medicines stored appropriately? Biosecurity Records 1. Biosecurity records available for inspection? 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? 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?		
December the short of the state		

	ni 059, version i i							133	ueu by. F	1 11			
	Case no:	2018-01	153	Site No:		FS0749			Date of vi		23/0	04/2018	23/0
	Priority samples:	VI		ВА		PA		MG	Sampling	HI			
	Time sampling starts/ends:		0:00		0:00		Inspecto	or:	PMM		VMD No).	15
	Environmental conditions:	1	Indoors	2		3		4	ш	5			
	Summary samples	HIST		ВА		MG		VI	F	PΑ		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-10	11-20	21-30									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	160g	160g	160g									
	Sex	N/A	N/A	N/A									
	Water Type	SW	SW	SW									
Stock Details		O Loch Ba / Knock	Loch Ba / Knock	Noch Ba / Knock									

1111 000, 1010101111							looded by TTI								
Additional Sample Information:															
0 Total Tests assigned 0															

FHI 059, Version 11		Issued by: FHI			Date of	of issue	: 12/09/2017
Case Number:	2018-0153		Site No:	FS0749		Insp:	PMM
Date of Visit	23/04/2018		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	_		4.0	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	0		6-10	10	3
Water contacts with other	Farm is protect	ed (secure water supply through	, <u> </u>	I-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		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 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	cessing	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
	Processing fish	from Category V farm	10				0
Disposal of fish and fish by-	Site's own wast	e only processed.	0	i I			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 sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing st	aff and equipment	0	1	2		1
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				0
CoGP/Regulator				_			
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				0
Platform access to cages	Yes		0				0
	No		2				0
					Total		21
					Rank		MEDIUM

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2
Case No: 2018-0153	Site No:	FS0749
Sea Lice Inspection (Seawater Sites 1. Has the site experienced sea lice p		У
·	ea (or equivalent) fallowed synchronously on a single y	rear class basis?
3. Does the site have access to a rangazamethiphos and emamectin benzoacan these be deployed in a reasonabl 4. Is there a signed documented farm	ge of licenced in-feed and bath sea lice medications (incate) as well as access to suitable biological and/or med	cluding deltamethrin, hanical control measures, and
Management Area (or equivalent)?	for increasing (Legal CCL CoCD Array C)	V
	e for inspection? (Legal SSI, CoGP Annex 6)	egal SSI, CoGP Annex 6)
o. Do records adequately reflect the h	equired standard specified in the SSI and the CoGP? (L	Legal SSI, COGF Allilex 6)
7. Are sea lice (<i>L. salmonis</i>) record le records are inspected? (CoGP Annex	vels below the suggested criteria for treatment in the Co	oGP during the period that N
records are inspected?	(L. salmonis) numbers per fish been at a level of 3 or a	above during the period that
•	e Fish Health Inspectorate? If no, FHI see comment.	Y
9. Is <i>C. elongatus</i> infestation at a leve	el which is considered to cause significant welfare proble	ems? (CoGP 4.3.81, 5.3.50)
•	administered or other actions taken when <i>L. salmonis</i> ere <i>C. elongatus</i> is considered to have welfare implications.	
11. Has any other action been taken (where applicable)?	N
12. Have therapeutic treatments or the	e actions taken had a significant impact upon the lice le	vels recorded?
	carried out in cooperation between participating farms? he site, where fewer populations or part populations are	
	management procedure with waypoints describing set a ea lice infestation?	actions to deal with recognised Y
16. Does the stock on site appear sat reasons.	sfactory in relation to sea lice level and sea lice count d	data? If no please detail
Lice levels above 3 previous cycle		
	at damage due to predators in the current or previous progainst the predation experienced on site? (Detail below	
A.D.D., M.M.L., Top Nets		
If other, detail below:		
 Have escape incidents or events b Yes proceed with questions 4 – 9. If Have these been reported to Scotti 		e last FHI inspection?
·		
	OSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4 SPO and local fisheries trusts forthwith (where they exis	
7. Were methods (if any) used to reco	ver escapees? If yes give detail	
8. If all nets were deployed was this a	action agreed with local wild fish interests and was perm	nission given by Scottish
Ministers? (Legal, CoGP – 4.4.38, 5.4		g
9. What action was taken to prevent a	and minimise the risk of further escapes? (Not covered in	n code but could
be considered under satisfactory		
10. Is the site inspected as satisfactor	y with regards to containment? If no, please detail reason	on(s) Y

Date of issue: 12/09/2017

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0153	Site No: FS0749	
Date of Visit: 23/04/2018	Inspector: PMM	
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 statemer	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 spec 11. Does the FMAg/S identify the maxi individual farm? 12. Does the FMAg/S identify the arran fish farm in the area or the individual fa		or farm? Y Y or farm? Y The area or the Y Pad fish from any Y
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 c	reatments 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 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	es 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 of the second s	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	ratement?
26. What is the version no/date of issue	e of the FMAq/S? 28/09/2017	

Case No:	2018-0153	Date of visit: 23/04/2018						
Site No:	FS0749	Inspector: PMM						
Results Summary	Freq.			Da	te of Notificat	tion		
, , , , , , , , , , , , , , , , , , , ,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
								0p
				•				
Report Summary								
Case Type ECI, CNI, SLI, VMD	Date	Insp	2 nd Insp					
ECI, CNI, SLI, VMD	20/06/2018	PMM	AJW					





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0125Date of Visit23/04/2018Site NoFS0749Site NameHolms GeoInspectorPaul McKayCase No20180153

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 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: 20/06/2018

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	Iss	ued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0154			Date of visit: 24/04/2018
Time spent on site:	5 hrs	Main Inspe	ector: PMM
Site No: FS0382 Business No: FB0095	Site Name: Business Name:	Uyea Isle Cooke Aquaculture Scotlar	nd Ltd
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 7.4	Thermometer No:	T155	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA: S-2
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional in	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.
UNI/REG only - if unable to care	ry out intended visit detail re	eason below:	

Additional Case Information:

1 dead observed across site during inspection not fresh dead, no lethargic or moribund fish observed. I fish removed and sampled for VMD, fish appeared healthy and in good condition. Site is due to fallow by mid-May and will restock with fish from Balta Isle site, which will be used as a nursery site. Operator has changed practice in Uyeasound area and now that Balta is a nursery site, will no longer split down from Uyea Isle, instead 3 out of the 4 production sites (Uyea Isle, Winnaness, Vee Taing and East of Holm Heogoland (Burkewell)) wil be used each cycle with the fallow site being rotated each input. The operators other site within Uyeasound area - Turness holds potential broodstock and won't be affected by this change in stocking cycle. Wick of Belmont is within the same CoGP MA (S-2), but will be stocked with S1 input this cycle which will be split down to Fetlar later in year.

All harvests are conducted by Johnson Marine wellboats. Johnson Marine has reportedly installed electric stunners on the wellboat, which the site manager commented were very effective. All harvests are tankered from wellboat at Cullivoe to the Mid Yell processing plant.

New FMS signed at beginning of February. Only salmon operator in Unst and Yell.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0154		Site No:	FS0382				
Date of Visit:		24/04/2018	3		Inspector(s):	PMM]
Registration/Authorisation Details 1. Business/site details summary checked by site representative? 2. Changes made to details? N								
Site Details								
	SAL	14	Facilities sto	cked	6	No facilitie	s inspected	14
Age group No Fish	2016 S0 91,080							
Mean Fish Wt	4.718 kg							
Next Fallow Date (Si	ite)	May 2018		Next Input Da	ite (Site)	June 2018		
Recent (last 4 wks) of If yes, detail:	disease probl	ems?		N	Any escapes	(since last	visit)?	N
 Date of last inspect Are records comp Are movement records comp Are records comp Are health certificat Transport Records Are any movement 	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 a How are mortalities		•			Whole fish -	TWMA (She	etland)	Y
If other detail:						(211	,	
3. Mortality records complete and correctly entered?								
2,459 (2.7%) for site for previous 4 weeks. Attributed to CMS and handling 4. Recent mortality (last 4 wks):								
5. Evidence of recen		• •		1				N
If yes, facility nos/no	mortality per	racility/no sto	ock per facility/	reason:				
6. Any other peaks in	n mortality du	ring period ch	necked?					Y
				Mortality Ever	nts sheet			
7. Have increased (u								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	heet.	Y

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

1. Recent treatments (last 4 wks)?	Y
If yes, detail: T.M.S.	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)? T.M.S.	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
1. Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Lies the action that will be taken in the event that the presence or evenision of the presence of a lieted disease.	V
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)?	
riediti status, certification il 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. Her any animal health aurveillance been carried out by or an hehalf of the hypiness?	V
1. Has any animal health surveillance been carried out by, or on behalf of, the business?2. If yes, are results available for inspection?	
	ı v
3. Any significant results? If was detail (if not detailed under recent disease problems) CMS confirmed by FVC Lon 2019.	Ť
If yes, detail (if not detailed under recent disease problems). CMS confirmed by FVG - Jan 2018	

Records checked between: Dec 2016 to 24/04/18

rni 039, version i i							133	sueu by.				
Case no:	2018-01	154	Site No:		FS0382			Date of Samplin		24/0	04/2018	24/(
Priority samples:	VI		ВА		PA		MG		g. HI			
Time sampling starts/ends:	13:0	0:00	13:3	0:00		Inspecto	or:	PMM		VMD No).	10
Environmental conditions	: 1	Indoors	2		3		4		5			
Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
Add Fish/Pools - click												
Pool/Fish No												
Fish nos	1											
Pool Group												
Species	SAL											
Average weight	6.5 kg											
Sex	N/A											
Water Type	SW											
Details	East of Holm Heogland (Burkewell)											
Stock Origin Facility No												
ಸ್ Facility No	6											

	111 000, Volument 1											
04/2018 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:	2018-0154		Site No:	FS0382		Insp:	PMM
Date of Visit	24/04/2018		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	20	
species	Compartment in Number of supp	ncluding third country	0		18 10	26 14	0
Movements off	Frequency of m		0			10	0
Exposure via water	Inumber 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 processors	Any processing	plant discharging into adjacent waters	0	1	2		1
On farm processing within	No on farm pro	coccina		<u>'</u> 1			H
the rules of the directive			0				0
		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
		from Category V farm	10				0
Disposal of fish and fish by-	Site's own wast	te only processed.	0	<u>.</u> 			0
products		esses with other farms	3	•			3
	-	t for waste from other farms	5				0
	<u>'</u>]			
Use of unpasteurised feeds		npasteurised feed	0				0
D	Feeding unpas	Number of sites	5		5.4		0
Biosecurity Contacts with other sites	Sites operating	from single shorebase	1	2 or 3	≥4		
Contacts with other sites		taff and equipment	0		2		2
		ан ани ечиртен	0	1	2		<u> </u>
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				0
Platform access to cages	Yes			1			0
	No		2				0
				J			
					Total		10
					Rank		LOW

FHI 059, Version 11		Issued by: FHI		Date of iss	ue: 12/09/2
Case No: 20	018-0154		Site No:	FS0382	
Sea Lice Inspection (Sea	water Sites Only) d sea lice problems in the pre	evious 4 vears?			N
	agement Area (or equivalent)	•	on a single v	vear class basis?	N
3. Does the site have acce azamethiphos and emame can these be deployed in a	ess to a range of licenced in-fe	eed and bath sea lice me cess to suitable biologica	edications (in al and/or med	cluding deltamethrin, chanical control measures, and	Y
Management Area (or equi	ivalent)?				
	ds available for inspection? (•	•	1001 0 00 4 0)	Y
6. Do records adequately r	reflect the required standard s	specified in the SSI and t	the CoGP? (L	Legal SSI, COGP Annex 6)	Y
7. Are sea lice (<i>L. salmonis</i> records are inspected? (C	s) record levels below the su coGP Annex 6)	ggested criteria for treatr	ment in the C	oGP during the period that	N
records are inspected?	ale sea lice (L. salmonis) nu	·		above during the period that	Υ
	ported to the Fish Health Insp				Y
9. Is <i>C. elongatu</i> s infestati	on at a level which is conside	ered to cause significant	welfare probl	ems? (CoGP 4.3.81, 5.3.50)	N
	ments been administered or oment or where <i>C. elongatus</i>				Υ
11. Has any other action b	een taken (where applicable))?			N/A
12. Have therapeutic treatr	ments or the actions taken ha	ad a significant impact up	oon the lice le	evels recorded?	Υ
13. Are treatments, where	conducted, carried out in coo	pperation between partici	ipating farms	?	Υ
14. Is there a harvesting st sea lice?	trategy for the site, where few	ver populations or part po	opulations are	e held without treatment for	Υ
	written lice management prod ation of a sea lice infestation		escribing set	actions to deal with recognised	Υ
16. Does the stock on site reasons.	appear satisfactory in relation	n to sea lice level and se	ea lice count o	data? If no please detail	Υ
Containment Inspection					
	d equipment damage due to				N
•	o mitigate against the predati	ion experienced on site?	(Detail below	V)	Y
Tensioned nets, top nets	3, IVI.IVI.L				
If other, detail below:					
·	or events been experienced ons 4 – 9. If No skip to questied to Scottish Ministers?		e site since th	e last FHI inspection?	N
5. Have these been reporte	ed to local DSFB forthwith (w	here they exist)? (CoGP	- 4.4.37, 5.4	4.17)	
6. Have these been reporte	ed to the SSPO and local fish	neries trusts forthwith (wh	nere they exis	et)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if any) u	ised to recover escapees? If	yes give detail			
	d was this action agreed with	local wild fish interests a	and was perm	nission given by Scottish	
Ministers? (Legal, CoGP –	·	ick of further assessed (Not covered	in code but could	
	to prevent and minimise the ratisfactory measures of the		Not covered	in code but codid	
	s satisfactory with regards to		se 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: 2018-0154	Site No: FS0382	
Date of Visit: 24/04/2018	Inspector: PMM	
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 in4. Does the FMAg/S identify the relevant5. Does the FMAg/S identify the fish fair	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 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		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 factorists. Does the FMAg/S identify the circulated on farms in the area or individual	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 reagements for the movement of live fish on and or	

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Harvesting		
20. Does the FMAg/S identify acceptable	harvest practices on farms in the area or indi-	vidual farms?
Fallowing		
21. Does the FMAg/S identify the dates by date when a farm or area may be restocked	y which the area or individual farm will be fallo	ow and the earliest Y
22. Does the FMAg/S identify whether one agreement or statement?	e or more year classes may be stocked onto	sites covered by the Y
23. Does the FMAg/S identify whether brocovered by the agreement or statement?	oodstock or potential broodstock are to be kep	pt on any site Y
Point of Compliance for Farm Manager	ment Agreements Only	
24. Does the farm management agreeme parties to the agreement?	ent include arrangements for persons to becor	me, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and op	perated in accordance with the agreement or	statement?
26. What is the version no/date of issue o	of the FMAg/S? 07/02/2018	

Results Summary Freq. Date of Notification Database Insp Phone Insp Writing Insp 2 nd Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp Insp	Case No:	2018-0154			Date of visit:	24/04/2018					
Results Summary Freq. Database Insp Phone Insp Writing Insp 2 nd Insp Insp Phone Insp Insp Insp Insp Insp Insp Insp Insp	Site No:	FS0382	1		Inspector:	PMM	1				
Database Insp Phone Insp Writing Insp 2 nd Insp Insp Phone Insp Writing Insp 2 nd Insp Insp Insp Phone Insp Writing Insp 2 nd Insp Insp Insp Insp Insp Insp Insp Insp Insp			•				- Ation				
Report Summary	Results Summary	Freq.	Datahasa	Inen				Inen	and I.e. a.e.		
Report Summary			Dalabase	шэр	THORIE	шэр	vviitiig	шор	Zinsp		
Report Summary Case Type Date Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary											
Report Summary Case Type Date Insp 2nd Insp 2nd Insp 2nd Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW AJW											
Report Summary											
Report Summary											
Report Summary Date Insp 2 nd Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type Date Insp 2 nd Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type Date Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type Date Insp 2 nd Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type Date Insp 2 nd Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type Date Insp 2 nd Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type Date Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type ECI, CNI, SLI, VMD 20/06/2018 PMM AJW					+						
Report Summary Case Type ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type Date Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type Date Insp 2 nd Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type Date Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type Date Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW					i						
Report Summary Case Type Date Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type Date Insp 2 nd Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW											
Report Summary Case Type Date Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW					_						
Case Type Date Insp 2 nd Insp ECI, CNI, SLI, VMD 20/06/2018 PMM AJW	Report Summary										
ECI, CNI, SLI, VMD 20/06/2018 PMM AJW	Case Type	Date	Insp	2 nd Insp							
	ECI, CNI, SLI, VMD	20/06/2018	PMM	AJW							
					-						
					-						
				 							





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 Visit24/04/2018Site NoFS0382Site NameUyea IsleInspectorPaul McKayCase No20180154

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: 20/06/2018

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	ued by: FHI	Date of issue: 12/09/2017				
Case No: 2018-0155			Date of visit: 25/04/2018				
Time spent on site:	6 hrs	Main Inspect	or: PMM				
Site No: FS1018 Business No: FB0125	Site Name: Business Name:	Slocka Ronas Voe Scottish Sea Farms Ltd					
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6				
Water Temp (°C): 7.4	Thermometer No:	T155	FHI 045 completed				
Observations:	Region: SH	Water type: S	CoGP MA: S-7				
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	-	N If yes, see additional info	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.				
UNI/REG only - if unable to carry out intended visit detail reason below:							

Additional Case Information:

All cages fitted with sea lice skirts, 5.5m depth (5m below the water line). It was reported that sea lice skirts have been very effective and to date, site has only conducted SLICE treatments and one mechanical treatment (Thermolicer). No bath treatments required for sea lice, one bath treatment conducted for AGD end of summer 2017. There has been a sudden rise in sea lice numbers and operator is unsure the cause, numbers of adult females have increased five fold in course of a week. Operator has access to there owner thermolicer, however, this is currently on slip out of action. Another operator on mainland Scotland was approached for the hire of their thermolicer, this is due to arrive in Shetland on Friday 27th April with treatments to begin on Saturday 28th April. Site manager estimates that the whole site should be treated by Tuesday 1st May (3 cages per day).

Previous treatments with the thermolicer have given a 94% clearance of mobile stages, sea lice counts yesterday suggest the majority of sea lice on site are mobile stages. Therefore, operator is expecting a drop in sea lice numbers post treatment back below the reporting levels. The end two cages on site are left fallow and used for treatments with treated fish being pumped into a fallow cage.

Site was due to begin harvestng on Monday 31st, however, this has been delayed until after thermolicer treatment. Larger grade fish are >6kg and have performed well.

1 fish removed for VMD appeared in good condition, fish on site showed a good feeding response at time of inspection. Fish were shoaling deeper in the water column, but visibility was very good. 1 dead observed at time of inspection, 10 fish observed across site deeper in water with lesions on flank. Site has had a moritella infection, site staf have been removing moribund fish during daily checks.

Storm Caroline caused phyiscal damage to fish in outer cages as there were exposed to sustained NW'ly winds, over the six week period from 01/12 a total of 22,122 fish were lost to phyiscal damage. All nets are well tensioned and the nets had recently changed from 10m deep to 15m deep nets.

During previous cycle all cages were stocked with sea lice skirts and half of the cages also had the Stingray system in place. The Stingray system wasn't reported to be affective during this trial and sea lice counts were higher in some of the cages with Stingray than those without. All cages are fed and monitored from camera system accessible from shorebase. No reported problems with sea lice skirts and tarp treatments or float lines.

FHI 059, Version 11			Issu	ed by: FHI			Date of issue	e: 12/09/2017
Case No:	2018-0155		Site No:	FS1018				
Date of Visit:		25/04/2018			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		14	Facilities sto	cked	12	No facilitie	s inspected	14
	SAL 17 S1							
Age group No Fish	350,329							
Mean Fish Wt	3.726 kg							
Next Fallow Date (Si	· ·	July / August	2018	Next Input Da	ate (Site)	Spring 201	19	
110/11/2010	10,	odiy / / taga-	ZUIC	Noxt IIIput =	1	Oprinig _c		
Recent (last 4 wks) disease problems? Y Any escapes (since last visit)?								
If yes, detail:	Moritella infe	ction						
Movement Records	3							
1. Movement record	s available for	r inspection?						Y
2. Date of last inspec							12/05/2014	
3. Are records comp		•						Y
4. Are movement red								Y
5. Are records comp		•		h100				Y N/A
6. Are health certification		luctions (outw	ith GB) availa	ible?				IN/A
Transport Records								
1. Are any movemer	nts carried out	t by (or on bel	half) of the bu	siness (not usi	ing a STB)?			Y
If yes, is there a syst		• •		•				Y
Mortality Records								
1. Mortality records a	available for ir	nspection?						Y
2. How are mortalities	2. How are mortalities disposed of? Whole fish - TWMA (Shetland)							
If other detail:								
3. Mortality records complete and correctly entered?								
4. Recent mortality (last 4 wks): 3,400 for site for past four weeks attributed to Moritella infection 5. Evidence of recent increased/atypical mortalities?								
5. Evidence of recently figures, facility nos/no		* *		/raccon:				N
II yes, facility 1105/110	mortality per	Tacility/110 Sto	ск регласину/	Teason.				
6. Any other peaks in	n mortality du	ring period ch	ecked?					Y
•		• .		physical dama	age due to wir	nter storms		
7. Have increased (u								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	ılity events s	sheet.	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: T.M.S.					
If other, detail:					
2. Medicines records available for inspectio	n?	Y			
3. Are records complete and correctly entered?					
4. Are fish in a withdrawal period?		Y			
5. If yes, what treatment(s)?	T.M.S.	_			
16 (1 1 6 2)	•				

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? Moritella infection - sores are now healing and If yes, detail (if not detailed under recent disease problems). numbers decreasing.

Records checked between:

Feb 2017 to 25/04/18

Г	mi uba, version i i							155	ueu by. i	-111			
	Case no:	2018-01	155	Site No:		FS1018			Date of Samplin		25/0	04/2018	25/(
	Priority samples:	VI		ВА		PA		MG		g. HI			
	Time sampling starts/ends:	14:3	0:00	15:0	0:00		Inspecto	or:	PMM		VMD No).	7
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	ımples
Δ	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1											
	Pool Group												
	Species	SAL											
	Average weight	5kg											
	Sex	n/a											
	Water Type	SW											
U													
Detaile													
٥	3	支											
\	Stock Origin	Knock											
Stock	Facility No	2											
_	4												

	111 000, Voloidi 11											
04/2018	Addition	nal Sam	ple Infor	mation:								
0		Total To	ests ass	igned	0	l						
												•

FHI 059, Version 11		Issued by: FHI				Date of	of issue	: 12/09/2017
Case Number:	2018-0155		S	Site No:	FS1018		Insp:	PMM
Date of Visit	25/04/2018		N	No of mo	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 cluding third country	e or	0	9	18	26	0
	Number of supp			0	5	10	14	0
Movements off	Frequency of m			0	3	6	10	10
Movements on	Number of dest			0	3	6	10	3
Exposure via water		Site conta	acts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or b	,		0				0
susceptible to same diseases)	Farm is on-line farms upstream		1	2	4		2	
	Farm is on-line farms upstream		1	3	6		0	
		or in a coastal zone with category or within 1 tidal excursion	V	1	4	8		0
Management practices			N	None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent wa	aters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro			0				0
	Processing owr	n fish (re-cycling risk)		1				0
		from MS of equivalent status		2				0
	Processing fish equivalent statu		4				0	
	Processing fish		8				0	
	Processing fish	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		5				0	
Use of unpasteurised feeds	No feeding of u	npasteurised feed		0				0
	Feeding unpast	eurised feed		5				0
Biosecurity		Number of s	sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0	1	2		1
	Sites sharing st	aff and equipment		0	1	2		1
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				0
	No			2				0
						Total Rank		20 MEDIUM

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0155	Site No:	FS1018
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems		N
·	equivalent) fallowed synchronously on a single ye	ear class basis?
3. Does the site have access to a range of lic azamethiphos and emamectin benzoate) as can these be deployed in a reasonable period	enced in-feed and bath sea lice medications (inc well as access to suitable biological and/or mecl	cluding deltamethrin, hanical control measures, and
Are sea lice count records available for ins	pection? (Legal SSL CoGP Annex 6)	Y
	standard specified in the SSI and the CoGP? (L	egal SSI, CoGP Annex 6) Y
	low the suggested criteria for treatment in the Co	
	monis) numbers per fish been at a level of 3 or a	above during the period that
If yes, have these been reported to the Fish H	Health Inspectorate? If no, FHI see comment.	Y
9. Is C. elongatus infestation at a level which	is considered to cause significant welfare proble	ems? (CoGP 4.3.81, 5.3.50) N
	istered or other actions taken when <i>L. salmonis lelongatus</i> is considered to have welfare implications.	
11. Has any other action been taken (where a	applicable)?	N/A
12. Have therapeutic treatments or the action	s taken had a significant impact upon the lice lev	vels recorded?
14. Is there a harvesting strategy for the site, sea lice?	I out in cooperation between participating farms? where fewer populations or part populations are ement procedure with waypoints describing set a infestation?	held without treatment for Y
_	y in relation to sea lice level and sea lice count d	ata? If no please detail
	ge due to predators in the current or previous pro	•
	the predation experienced on site? (Detail below	Υ Υ
A.D.D., M.M.L., Tensioned Nets, Top Ne	ts	
If other, detail below:		
 Have escape incidents or events been explicitly and the second sections 4 – 9. If No skip 4. Have these been reported to Scottish Ministration. 		e last FHI inspection?
·	orthwith (where they exist)? (CoGP – 4.4.37, 5.4 d local fisheries trusts forthwith (where they exist	
7. Were methods (if any) used to recover esc	capees? If yes give detail	
Ministers? (Legal, CoGP – 4.4.38, 5.4.18) 9. What action was taken to prevent and min be considered under satisfactory measurements.	greed with local wild fish interests and was perm imise the risk of further escapes? (Not covered in res of the Act) egards to containment? If no, please detail reasons	n code but could

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0155	Site No: FS1018	
Date of Visit: 25/04/2018	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	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	Int farm management area? Irm site(s) to which it applies? If commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health Managements	gement	
8. Does the FMAg/S identify the minim farm?	um health standards for the stocks to be introd	uced to the area or Y
10. Does the FMAg/S identify the spec	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 i	or farm?
12. Does the FMAg/S identify the arrar fish farm in the area or the individual farm.	ngements for the storage and disposal of any do arm?	ead fish from any
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 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 circu used on farms in the area or individual	mstances under which biological controls and of	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 circu area or farm?	mstances when live fish may be introduced or i	
19. Does the FMAg/S identify the arrar 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: 12/09/20
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 date when a farm or area may be restoc	by which the area or individual farm will be fallow	w and the earliest
22. Does the FMAg/S identify whether of 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 be covered by the agreement or statement?	roodstock or potential broodstock are to be kept?	t on any site
Point of Compliance for Farm Manage	ement Agreements Only	
24. Does the farm management agreem parties to the agreement?	nent include arrangements for persons to becom	ne, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and	operated in accordance with the agreement or s	statement?
26. What is the version no/date of issue	of the FMAg/S? 15/03/2017	

Case No:	2018-0155			Date of visit: 25/04/2018					
Site No:	FS1018	1		Inspector:	Inspector: PMM				
Results Summary	Freq.			Da	Date of Notification				
,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
	-								
	1								
D 1 O									
Report Summary			m.d						
Case Type ECI,CNI,SLI,VMD	Date	Insp	2 nd Insp						
ECI,CNI,SLI,VMD	20/06/2018	PMM	AJW						
	+								
	1								
	1								





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0125 SITE NO FS1018

INSPECTOR Paul McKay

DATE OF VISIT 25/04/2018

SITE NAME Slocka Ronas Voe

CASE No 20180155

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.

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:

Fish Health Inspector

Date: 20/06/2018

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	ls	ssued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0156			Date of visit: 26/04/2018
Time spent on site:	7 hrs	Main Ir	nspector: PMM
Site No: FS1076 Business No: FB0440	Site Name: Business Name:	Setterness North (Boml Grieg Seafood Shetland	,
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 9.7	Thermometer No:	T155	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA: S-4
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	<u> </u>	N If yes, see addition	al information/clinical score sheet. al information/clinical score sheet. al information/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detail	reason below:	

Additional Case Information:

Site is most tidal Greig site in the MA. It was reported that the tides have been stronger recently and to counteract this the nets are double weighted, however they have still experienced losses to physical damage (scrubbed fish). About 30 fish per cage exhibiting physical damage could be observed deeper in the water column of cages 3,4 & 5. These three cages are the outer cages and worst affected by weather. It was reported that the fish on site were the last of the 17 S1 batch to come out of the hatchery and were slightly smaller than the batches recieved at other sites.

Site is conducting daily water samples, with the samples being processed at main office in Lerwick. Greig Shetland have reportedly been communicating with Greig operations in Canada regarding plankton and algal blooms. Two larger grades of fish have been harvested already and averaged >6kg. The stock on site were still on a cyclic feeding to attempt get the site average to catch up with the other sites within the MA. It was reported that water temperatures have been 1-2 oC cooler than previous years. It was also reported that caligus numbers have been slightly higher than normal.

No cleaner fish stocked on this site. Lumpfish are stocked on the neighbouring site (Poseidon) and have reported to be very effective with that site having two SLICE treatments at beginning of cycle and only two freshwater treatments since input. No other bath or mechanical treatments conducted. Since stocking in January 17 the site has had two SLICE treatments at the beginning and 1 freshwater treatment and 2 Salmosan treatments. FW treatments are reported very effective, giving very good clearances. The treatment time per cage is about 5 hours. Greig sites in MA have used the InterCaledonia and Oysund for FW treatments. FW is collected and held in a tarp in Copister.

Site has recently been trialing an ROV for mortality removal, this is reported to be very effective and area manager hopefully of getting one full time.

The Bight of Foraness site is to be stocked for the 2019 input of fish.

Fish sampled for VMD appeared in good condition.

Sea Lice skirts had been trialled in the area, however, it was found that during algal blooms the counts from water samples were much higher within the cages with the skirts than samlpes taken outside of the cages. Due to this the decision was taken to remove the skirts to improve water exchange.

Aeriation systems are to be installed at all four GSS sites operating in DMA 2c

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017		
Case No:	2018-0156		Site No:	FS1076						
Date of Visit:		26/04/2018	1		Inspector(s):	РММ				
Registration/Author 1. Business/site deta 2. Changes made to Site Details	ails summary		ite representa	ative?			Y Y	}		
Olic Details										
Total No facilities		12	Facilities sto	cked	11	No facilitie	es inspected	12		
	SAL									
3 - 3 - 1	2017 S1									
No Fish	486,149									
Mean Fish Wt	3.17 kg									
Next Fallow Date (Si	te)	Sept / Oct 18	}	Next Input Da	te (Site)	Feb 2019				
Recent (last 4 wks) of the second (last 4 wks) o	disease probl	ems?		N	Any escapes	(since last	visit)?	N		
Movement Records										
 Movement records Date of last inspect Are records completed. Are movement records completed. Are health certificat Transport Records Are any movement fyes, is there a system Mortality Records 	ction: lete and corrected available lete and corrected attention a	ectly entered? le for dead fisl ectly entered? ductions (outw t by (or on bel	th and waste?	able? usiness (not usi	_		19/07/2016	Y Y Y N/A		
	vellable for it	- an antion?						V		
 Mortality records a How are mortalitie 		•			Whole fish -	TM/MA (She	otland)	<u>'</u>		
2. How are mortalities disposed of? Whole fish - TWMA (Shetland) If other detail:										
3. Mortality records of	complete and	correctly enter	ered?					Y		
16/04/18 - 1,277 (0.26%) for site (256 to poor performer and 1,027 damage), 09/04/18 - 1,590 for site (0.3%) (584 post treatment los 1,006 pysical damage), 02/04/18 - 885 for site(0.18%) (147 to poor 311 physical damage and 217 to post treatment losses) 26/03/18 (0.26%) for site (185 poor performer and 1,087 to physical damage 4. Recent mortality (last 4 wks):										
5. Evidence of recen		• •						N		
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:						
	et e l'éco e als s	·						V		
6. Any other peaks in If yes, detail:	•	• .		04/07/40 7.00	t for site of	- I I-I - ove		Y		
7. Have increased (u				31/07/18 - 7,83	4 for site - alg	al bloom		N/A		
If yes, detail action:	illexplained, i	HUITAIILIES DEL	en reported to) Vet Of TTIT:				14/		
8. Have 'mortality eve	ents' been re	ported to FHI'	? If no, add M	IRT case and e	enter on morta	lity events s	sheet.	N/A		

Treatments and Medicines Records									
1. Recent treatments (last 4 wks)?	Y								
If yes, detail: T.M.S., Salmosan									
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?	1								
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?	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?	V								
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	Ť								
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: 19/07/16 to 26/04/18									

Pr Tii sta Er	ase no: riority samples: me sampling arts/ends: nvironmental conditions: ummary samples		0:00 Indoors		5:00	FS1076	Inspecto	MG	Date of Samplin		26/0 VMD No	04/2018	
Tii sta Er	me sampling arts/ends: nvironmental conditions:	1		14:3	5:00		Inspecto	MG		_	VMD No	, r	16
sta Er	arts/ends: nvironmental conditions:	1			5:00		Inspecto	r:	PMM		VMD No	, [16
	ummary samples	HIST				3		4		5			16
St		11101		ВА		MG		VI		PA		Total Sa	ımples
	Fish/Pools - click												
Po	ool/Fish No												
Fis	sh nos	1	2	3									
Po	ool Group												
Sp	pecies	SAL	SAL	SAL									
A۱	verage weight	3 kg	3 kg	3 kg									
Se	ex												
W	ater Type	SW	SW	SW									
	tock Origin acility No	ص Girlsta Hatchery	Girlsta Hatchery	1 Girlsta Hatchery									

1111000, 1613	SIOII I I					issued by. I ill								
04/2018 Addit	ional Sam	ple Infoi	mation:											
0	Total T	ests ass	igned	0	1									

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017
Case Number:	2018-0156		Site No:	FS1076		Insp:	PMM
Date of Visit	26/04/2018		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 dest	Site contacts				10	3
Water contacts with other	Farm is protect	ed (secure water supply through	1	I-3	0-10		
farms (holding species	disinfection or b		0				0
susceptible to same		or in a coastal zone with category I	1	2	4		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	-			
	Processing fish						
	equivalent statu	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				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	I 0]			
oos or ampaoroumous roots	Feeding unpas	•	5				0
Biosecurity	<u> </u>	Number of sites		J 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	Ιο	1	2		2
	Sites sharing st	taff and equipment	0		2		1
Disinfection of equipment	Yes			1			
between sites, use of	No		0	-			0
footbaths etc	110		1				0
CoGP/Regulator	Tv			1			
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				3
Platform access to cages	Yes		0	1			0
. Idilomi doccoo to cages	No		2				0
				J			
					Total		26
					Rank		HIGH

						_	
Case No:	2018-0156		Site	e No:	FS1076		
	(Seawater Sites Only) enced sea lice problems	in the previous 4 years	:?				N
	Management Area (or e			sinale v	par class hasis?		V
	access to a range of lice						т У
azamethiphos and em can these be deployed	amectin benzoate) as of the distribution in a reasonable period cumented farm manage	well as access to suitab I of time?	le biological and/	or mech	nanical control measu	ures, and	Υ
•	ecords available for ins	pection? (Legal SSI, Co	GP Annex 6)				Υ
	ely reflect the required	, ,	,	GP? (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	n the Co	oGP during the period	that	N
8. Have average adult records are inspected	female sea lice (<i>L. salr</i> ?	monis) numbers per fish	n been at a level o	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	o, FHI see comm	nent.			N/A
9. Is <i>C. elongatus</i> infe	station at a level which	is considered to cause	significant welfar	e proble	ems? (CoGP 4.3.81,	5.3.50)	Ν
	reatments been administreatment or where <i>C. e</i>						Υ
11. Has any other acti	on been taken (where a	applicable)?					N
12. Have therapeutic t	reatments or the actions	s taken had a significan	nt impact upon the	e lice lev	vels recorded?		Υ
13. Are treatments, wh	nere conducted, carried	out in cooperation betw	veen participating	farms?			Υ
	ng strategy for the site,	•				nt for	Υ
	cific written lice manage scalation of a sea lice in		aypoints describir	ng set a	ctions to deal with re-	cognised	Υ
16. Does the stock on reasons.	site appear satisfactory	in relation to sea lice lo	evel and sea lice	count d	ata? If no please deta	ail	Υ
Containment Inspect	ion						
•	enced equipment damaç	ge due to predators in the	ne current or prev	ious pro	oduction cycles?		N
	ace to mitigate against t						Υ
A.D.D., top nets, ter	nsioned nets						
If other, detail below							
<u>'</u>							
3. Have escape incide	ents or events been exp	erienced on or in the vi	cinity of the site s	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	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 th	iey exist	t)? (CoGP – 4.4.37, 5	5.4.17)	
7. Were methods (if ar	ny) used to recover esc	apees? If yes give deta	il				
8. If gill nets were den	loyed was this action ag	greed with local wild fish	n interests and wa	as perm	ission given by Scotti	sh	
Ministers? (Legal, Co		,			J. 1. 3, 230		
9. What action was tak	ken to prevent and mini	mise the risk of further	escapes? (Not co	vered in	n code but could		
be considered unde	er satisfactory measur	res of the Act)					
10. Is the site inspecte	ed as satisfactory with re	egards to containment?	If no, please deta	ail 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: 2018-0156	Site No: FS1076	
Date of Visit: 26/04/2018	8 Inspector: PMM	
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? If 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		or farm? Y r farm? Y n the area or the Pad fish from any Y
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	reatments for sea Y leaner fish are to be
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or rengements 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 accepta	able harvest practices on farms in the area or individu	ual farms?
Fallowing		
21. Does the FMAg/S identify the date date when a farm or area may be restored.	es by which the area or individual farm will be fallow a cocked?	and the earliest Y
	r one or more year classes may be stocked onto site	es covered by the Y
	r broodstock or potential broodstock are to be kept ont?	on any site
Point of Compliance for Farm Mana	agement Agreements Only	
24. Does the farm management agree parties to the agreement?	ement include arrangements for persons to become,	, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed an	nd operated in accordance with the agreement or sta	atement?
26. What is the version no/date of issu	ue of the FMAg/S? 26/01/2017	

Case No:	2018-0156			Date of visit:	26/04/2018				
Site No:	FS1076	l	Inspector: PMM						
Results Summary	Freq.				te of Notificat				
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
	1								
Donort Cureman									
Report Summary	Б. /		- nd -						
Case Type	Date	Insp	2 nd Insp						
ECI,CNI,SLI,VMD	14/06/2018	РИМ	AJW						
	1								
	1								





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** 26/04/2018

SITE NO FS1076 SITE NAME Setterness North (Bomlo)

INSPECTOR Paul McKay Case No 20180156

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.

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: 20/06/2018

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	Į:	ssued by: FHI	Date of issue: 12/09/2017				
Case No: 2018-0157			Date of visit: 19/04/2018				
Time spent on site:	1 hr	Main Ir	nspector: WJM				
Site No: FS0575 Business No: FB0061	Site Name: Business Name:	Ormsary Smolt Unit Landcatch Natural Sele	ection Ltd				
Case Types: 1 MOV	2 3	4 5	6				
Water Temp (°C): N/A	Thermometer No:		FHI 045 completed				
Observations:	Region: ST	Water type: F	CoGP MA:				
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score. N If yes, see additional information/clinical score. N N							
UNI/REG only - if unable to carry out intended visit detail reason below:							

Additional Case Information:

Inspection of smolts that are to be exported to Dubai 23/04/2018 (MD18/023). All fish being exported coming from tank E18. Mortalities from 02/04/2018 - 19/04/2018 for this tank was 3. Fish appeared healthy and no abnormal health issues reported on site.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0157		Site No:	FS0575	j j			
Date of Visit:		19/04/2018	3		Inspector(s):	WJM		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			N N/A	
Site Details								
Total No facilities		108	Facilities sto	cked	67	No facilitie	es inspected	1
	SAL	SAL						
3-3-1	2018 S1	S0 + S1						
No Fish	470,771	5,182,112						
Mean Fish Wt	63g	1g						
Next Fallow Date (Si	ite)	N/A		Next Input Da	ate (Site)	Unknown		
Recent (last 4 wks) of the second (last 4 wks) o	disease prob	lems?		N	N Any escapes	s (since last	visit)?	N
Movement Records	e							
Movement records		er inspection?						Y
2. Date of last inspec		І шореспол.					06/04/2018	
3. Are records comp		ectly entered	?				00,0	Y
4. Are movement red		•						N/A
5. Are records comp		•						N/A
6. Are health certification	ates for introd	ductions (outv	vith GB) availa	ible?				N/A
Transport Records								
1. Are any movement If yes, is there a syst								
Mortality Records								
1. Mortality records a	available for i	inspection?						Y
2. How are mortalities		•			Incinerated -	on site		
If other detail:								
3. Mortality records of	•	correctly ent						Y
4. Recent mortality (` '			es per tank per	week.			N
5. Evidence of recen		* *						N
If yes, facility nos/no	mortality per	facility/no sto	ock per racility/	reason:				
6. Any other peaks in	in mortality di	uring period c	hacked?					N
If yes, detail:	Tilloriani, J.	illig period t.	ICONCU.					
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

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

Records checked between: 06/04/2018 - 19/04/2018

Case No:	2018-0157			Date of visit:	19/04/2018			
Site No:	FS0575	Inspector: WJM						
Results Summary	Freq.			Da	te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type MOV	Date	Insp	2 nd Insp KAS					
MOV	23/04/2018	WJM	KAS					





Landcatch Natural Selection Ltd Ormsary Fish Farm Lochgilphead Argyll PA31 8PE

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0061 **DATE OF VISIT** 19/04/2018

SITE NO FS0575 SITE NAME Ormsary Smolt Unit

INSPECTOR Warren Murray CASE No 20180157

Inspection for export to a third country

The above site was visited and a consignment of Atlantic salmon smolts for export to Dubai was inspected. A health certificate was issued which must travel with the consignment to the destination.

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

Signed: Date: 20/04/2018

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: 2018-0159			Date of visit: 24/04/2018
Time spent on site:	6.5h	Main Inspecto	r: DJT
Site No: FS0212	Site Name:	Invasion Bay	
Business No: FB0119	Business Name:	Marine Harvest (Scotland) Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 7.3	Thermometer No:	T173	FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA: M-34
Dead/weak/abnormally behaving	•		mation/clinical score sheet.
Clinical signs of disease observed?	ed?		mation/clinical score sheet.
Gross pathology observed? Diagnostic samples taken?		N II yes, see additional inform	mation/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detail rea	son below:	

Additional Case Information:

Recent morts w/b 16 269 last week, 0.17%, w/b 9/4/18 348 0.21%, w/b 2/4/2018 710 0.33%, w/b 26/3/18 357 0.16%

Last treatment of slice in December, thermolicer has been used througout the cycle.

Some eye damage reported in December considered to be caused by large wrasse. CMS and pysical damage/post treatment the main cause mortalities from October onwards.

Some salmon obseved with damaged eyes, thought to be caused from treatment, fish could not be caught for futher examination.

FHI 059, Version 11			Issu	ued by: FHI			Date of issu	ie: 12/09/2017
Case No:	2018-0159		Site No:	FS0212	2			
Date of Visit:		24/04/2018	3		Inspector(s):	DJT]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			у	}
Site Details								
Total No facilities		18	Facilities sto	ocked	9	No facilitie	es inspected	9
Species	SAL	LUM	WRA					
Age group	2016 Q4	mix2017/20	wild 2017					
No Fish	96,000	20,000	8,000					
Mean Fish Wt	5.8 kg	n/a	n/a					
Next Fallow Date (Si	ite)	30 May 2018	3	Next Input Da	ate (Site)	Oct 2018		
Recent (last 4 wks)	disease nrol	olems?		N	Any escapes	s (since last	visit\?	Υ
•		nt net 1/11/2017	7 (reported to		Arry escapes	(Silice last	visit) :	'
Movement Records								
 Movement records Date of last inspect Are records comp Are movement records Are records comp Are health certificat Transport Records Are any movement yes, is there a syst Mortality Records Mortality records 	ction: blete and cor cords availal blete and cor ates for intro the carried or tem in place	rrectly entered? ble for dead fis rectly entered? oductions (outwood	? sh and waste? ? with GB) availa ehalf) of the bu	able? usiness (not us			01/03/2016	y y y y n/a
2. How are mortalities		•			Whole fish -	Dundas Che	emicals	
			size of fish sin	mpler to collect				
3. Mortality records of	complete an	d correctly ent	ered?					Y
4. Recent mortality (last 4 wks):			nal comments f 17/site/April, wr		•	r site last fou	r weeks.
5. Evidence of recen	it increased/	atypical mortal						N
If yes, facility nos/no		* *		//reason:				
6. Any other peaks in	n mortality d	uring period ch	necked?					Y
		•)17 wk 29 1947 lice treatments	•	:31 2667 lum	npfish Wk 32	1019
7. Have increased (u)			Υ
If yes, detail action:	похраниса)		•	les taken for th	ne salmon No	action take	n for lumpfisk	
8. Have 'mortality ev	ents' been r							N N

Treatments and Medicines Records								
1. Recent treatments (last 4 wks)?	Y							
If yes, detail: T.M.S.								
If other, detail: Thermolicer								
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?	у							
Biosecurity Records								
Biosecurity records available for inspection?	V							
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?	V							
(anon-plannes) monanty at the one soon monates.	,							
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	У							
health status, certification if required)?								
6. Have the hughendry and higgs surity massures implemented between each epidemiological 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.)?	У							
7. Is documentation available regarding the measures in place to maintain the physical containment of	V							
aquaculture animals held on site?	,							
8. Have the biosecurity procedures been adequately implemented on site?	V							
If no, detail:	J							
Results of Surveillance								
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	V							
2. If yes, are results available for inspection?	Y							
3. Any significant results?	Υ							
If yes, detail (if not detailed under recent disease problems).								

Records checked between: 1/

1/3/2016 to 24/4/2018

٠.	ii 055, version i i					issued by. I i ii							
	Case no:	2018-0°	159	Site No:		FS0212			Date of Samplin		24/0	04/2018	
	Priority samples:	VI		ВА		PA		MG		g. HI			
	Time sampling starts/ends:		00:00		0:00		Inspecto	or:	DJT	e l	VMD No). 	25
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
										"			
Α	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2	3									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	5kg	5kg	5kg									
	Sex	N/A	N/A	N/A									
	Water Type	SW	SW	SW									
	, i												
<u>s</u>		SS	a	an									
eta		Se	l u	nui									
Details		och Ness	Glenfinnan	Glenfinnan			ı						
첫	Stock Origin	Lo	👸	Gle			ı						
Stc	Facility No	14	9	10									
Stock	Facility No												

	Additional Sample Information:													
0 Total Tests assigned 0														

FHI 059, Version 11	Issued by: FHI Date of issu						: 12/09/2017
Case Number:	2018-0159		Site No:	FS0212		Insp:	DJT
Date of Visit	24/04/2018		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
Marranata							10
Movements off	Frequency of m		0			10	10
Exposure via water	Trambol of door	Site contacts					
Water contacts with other	Farm is protect	ed (secure water supply through					
farms (holding species	disinfection or l	•	0				
susceptible to same diseases)		or in a coastal zone with category In or within 1 tidal excursion	1	2	4		2
	Farm is on-line	or in a coastal zone with category III					
		or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
			<u> </u>				
Management practices Water contacts with	Any processing	plant discharging into adjacent waters	None	Secure	Unsecure		
processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within	No on farm pro	cessing	0]			
the rules of the directive	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	from zone or compartment of us	4				
	-	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0]			0
products	Common proce	esses with other farms	3				
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	1			0
·	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1				
CoGP/Regulator				•			
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes]			
. Idilomi doccos to cages	No		2				
	1			J			
					Total		16
					Rank		MEDIUM

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0159	Site No:	FS0212
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problem		N
2. Is the CoGP Farm Management Area (or e	equivalent) fallowed synchronously on a single ye	ear class basis?
3. Does the site have access to a range of lic azamethiphos and emamectin benzoate) as can these be deployed in a reasonable perio	cenced in-feed and bath sea lice medications (inc well as access to suitable biological and/or mech	cluding deltamethrin, hanical control measures, and
5. Are sea lice count records available for ins	spection? (Legal SSI, CoGP Annex 6)	Υ
6. Do records adequately reflect the required	standard specified in the SSI and the CoGP? (Le	egal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels be records are inspected? (CoGP Annex 6)	elow the suggested criteria for treatment in the Co	oGP during the period that N
8. Have average adult female sea lice (<i>L. sai</i> records are inspected?	Imonis) numbers per fish been at a level of 3 or a	above during the period that
If yes, have these been reported to the Fish	Health Inspectorate? If no, FHI see comment.	N
9. Is C. elongatus infestation at a level which	n is considered to cause significant welfare proble	ems? (CoGP 4.3.81, 5.3.50) N/A
·	istered or other actions taken when <i>L. salmonis lelongatus</i> is considered to have welfare implication	
13. Are treatments, where conducted, carried14. Is there a harvesting strategy for the site, sea lice?15. Is there a site specific written lice manag scenarios during the escalation of a sea lice	ns taken had a significant impact upon the lice level out in cooperation between participating farms? where fewer populations or part populations are ement procedure with waypoints describing set a	held without treatment for Y actions to deal with recognised y
reasons.	y in relation to sea lice level and sea lice count of	ata: II no piease detail
	age due to predators in the current or previous protection the predation experienced on site? (Detail below) MML Top nets	
If other, detail below:		
 3. Have escape incidents or events been ex If Yes proceed with questions 4 – 9. If No ski 4. Have these been reported to Scottish Mini 		e last FHI inspection?
	orthwith (where they exist)? (CoGP – 4.4.37, 5.4 and local fisheries trusts forthwith (where they exist	
7. Were methods (if any) used to recover esc	capees? If yes give detail	n
Ministers? (Legal, CoGP – 4.4.38, 5.4.18) 9. What action was taken to prevent and min be considered under satisfactory measure.	greed with local wild fish interests and was perminise the risk of further escapes? (Not covered in the fires of the Act) regards to containment? If no, please detail reasons.	N/A n code but could

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0159	Site No: FS0212	
Date of Visit: 24/04/201	8 Inspector: DJT	
Point of Compliance		
1. Is the farm under inspection located If N, no further questions require comp	•	Υ
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 statemen	Y Y Y
Arrangements for Fish Health Mana	gement	
farm? 9. Does the FMAg/S identify the vaccir 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 f Arrangements for The Management 13. Does the FMAg/S identify arranger	of Sea Lice ments for the sharing of data on sea lice numbe	or farm? or farm? y n the area or the y ead fish from any y y y
of statement? 15. Does the FMAg/S identify any require on farms in the area or individual factorized the farms in the area or individual factorized 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?	imstances 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 acceptal	ble harvest practices on farms in the area or individu	ual farms?
Fallowing		
21. Does the FMAg/S identify the date date when a farm or area may be resto	es by which the area or individual farm will be fallow a 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	s covered by the Y
23. Does the FMAg/S identify whether covered by the agreement or statemen	broodstock or potential broodstock are to be kept on nt?	n any site y
Point of Compliance for Farm Mana	gement Agreements Only	
24. Does the farm management agree parties to the agreement?	ement include arrangements for persons to become,	or cease to be, N/A
Management and operation		
25. Is the fish farm being managed an	d operated in accordance with the agreement or sta	tement?
26. What is the version no/date of issu	ue of the FMAg/S?	

Case No: 2018-0159 Site No: FS0212 Date of visit: 24/04/2018

Start date:	End date: (if applicable)	Size of fish:	Average weight of affected population:	Species:	Yearclass:	Timescale	Mortality rate recorded(%):	Explained/ unexplained:	If explained, select reason(s):
02/10/17	08/10/2017	≥750g	3.8	SAL	2016 Q4	Weekly	1.43	Explained	CMS
09/10/17	15/10/2017	≥750g	3.8	SAL	2016 Q4	Weekly	2.81	Explained	CMS, Treatment
16/10/17	22/10/2017	≥750g	3.8	SAL	2016 Q4	Weekly	1.84	Explained	CMS, treatment
06/11/17	12/11/2017	≥750g	4	SAL	2016 Q4	Weekly	1.28	Explained	CMS, treatment
13/11/17	19/11/2017	≥750g	4	SAL	2016 Q4	Weekly	1.15	Explained	CMS, treatment
20/11/17	26/11/2017	≥750g	4	SAL	2016 Q4	Weekly	1.62	Explained	CMS, treatment
27/11/17	03/12/2017	≥750g	4	SAL	2016 Q4	Weekly	2.00	Explained	CMS, treatment
04/12/17	10/12/2017	≥750g	4	SAL	2016 Q4	Weekly	1.20	Explained	CMS, treatment
11/12/17	17/12/2017	≥750g	4	SAL	2016 Q4	Weekly	1.59	Explained	CMS, treatment
18/12/17	24/12/2017	≥750g	4	SAL	2016 Q4	Weekly	1.78	Explained	CMS, treatment

If unexplained, select observations:	Total mortality during event (if available):	Additional information (e.g. action taken by company):	Action taken by FHI (include case no where applicable):			
	7352	samples taken confirming CMS	issue of non reporting raised in report			
	14281	on-going mort removal	issue of non reporting raised in report			
	9076	on-going mort removal	issue of non reporting raised in report			
	5187	on-going mort removal	issue of non reporting raised in report			
	4576	on-going mort removal	issue of non reporting raised in report			
	6393	on-going mort removal	issue of non reporting raised in report			
	7749	on-going mort removal	issue of non reporting raised in report			
	4551	on-going mort removal	issue of non reporting raised in report			
	5982	on-going mort removal	issue of non reporting raised in report			
	6576	on-going mort removal	issue of non reporting raised in report			

Case No:	2018-0159			Date of visit:	24/04/2018					
Site No:	FS0212]		Inspector:	DJT	1				
Results Summary	Freq.			Da	te of Notification					
,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
	↓									
	 									
	+									
	+									
	† 									
	†									
	1									
	<u> </u>									
Report Summary			I							
Case Type	Date	Inch	and Inco							
Case Type ECI,CNI,SLI,VMD	03/05/2018	Insp	2 nd Insp SAE							
LOI,OINI,OLI,VIVID	03/03/2010	D3 1	SAL							
	† 									
	†									
	1									
	1									
	1									
	Ī									





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 Visit24/04/2018Site NoFS0212Site NameInvasion BayInspectorDavid TomlinsonCase No20180159

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.

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

Reports detailing the results of animal health surveillance carried out by, on behalf of the business 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 fish farm management agreements and statements and containment and escapes.

On this occasion the site was found to have had average adult female *Lepeophtheirus salmonis* ('sea lice') per fish counts of 3 or above. One count (week 6 2018) had not been reported to the Fish Health Inspectorate as part of the required measures to demonstrate that satisfactory measures are in place for the control of sea lice. Where the average adult female sea lice per fish count reaches 3 or above this must be reported to the Fish Health Inspectorate within seven days of the date of the count. Please ensure that future counts that exceed the reporting level are reported to the Fish Health Inspectorate.

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

Signed: Date: 03/05/2018
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	ied by: FHI	Date of	of issue: 12/09/2017					
Case No: 2018-0160			Date of visit:	25/04/2018					
Time spent on site:	6h	Main	Inspector:	DJT					
Site No: FS0413 Business No: FB0119	Site Name: Business Name:	Camas Glas Marine Harvest (Scotla	and) Ltd						
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6	1					
Water Temp (°C): 7	Thermometer No:	T173	FHI 045 comp	oleted					
Observations:	Region: HI	Water type: S	CoGP MA	: M-34					
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	-	n If yes, see additional information/clinical score sheet.							
UNI/REG only - if unable to carry out intended visit detail reason below:									

Additional Case Information:

P Skyensis morts for October 10817 (1.81% for the month)w/b 13 Nov 5627 (.97% to P Skyensis) W/B 20th Nov 9271 (1.61%) Q1 population affected only, antibiotic administered to the Q1 population. W/B 27/11/17 6716 (1.2%)w/b 4th 7283 ((1.4%)

FHI 059, Version 11			Issu	ued by: FHI			Date of issu	e: 12/09/2017		
Case No:	2018-0160		Site No:	FS0413						
Date of Visit:		25/04/2018	3		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		16	Facilities sto	ocked	8	No facilitie	s inspected	8		
Species	SAL	WRA	Lump							
Age group	2017 Q1	Wild	2017							
No Fish	306,851	6,497	12,237							
Mean Fish Wt	3.2kg	mix	mix							
Next Fallow Date (S	ite)	Aug 2018		Next Input Da	ate (Site)	Oct 2018				
•	,			· ·	, <i>′</i>					
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	(since last	visit)?	N		
If yes, detail:										
Movement Records	S									
1. Movement record		or inspection?						у		
2. Date of last inspe							07/05/2016	,		
3. Are records comp		ectly entered	?					Y		
4. Are movement re-	cords availab	ole for dead fis	sh and waste?	?				N/A		
5. Are records comp		•						N/A		
6. Are health certific	ates for intro	ductions (outv	vith GB) availa	able?				N/A		
Transport Records										
1. Are any movement of yes, is there a systematical syste		• •		•				Y		
Mortality Records	·		·							
1. Mortality records a		•						Y		
2. How are mortalitie	es disposed o	ot?			Incinerated -	on site				
If other detail:	nomplete en	d correctly ent	orod?							
3. Mortality records of	complete and	a correctly ent		2004 for April 6	anned by the	maliaar and	I CMS Cloop	or fish morts		
4. Recent mortality (last 4 wks):			3994, for April on causes attr		moncer and	i Civio. Cleari	ei iisii iiioits		
5. Evidence of recer	nt increased/a	atypical morta	_					N		
If yes, facility nos/no		• •		//reason:						
6. Any other peaks in		•						Y		
If yes, detail:	•									
7. Have increased (u	unexplained)			o vet or FHI?				Y		
If yes, detail action:	antal kasas	reported to		ADT ages are l		lite a sente	haat	, KI		
8. Have 'mortality ev	rents been re	eported to FHI	r ii no, add N	ir i case and e	enter on morta	uity events s	neet.	N		

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	Υ
If yes, detail: T.M.S.	•
If other, detail: Thermolicer	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	У
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	У
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.)?	у
7. Is documentation available regarding the measures in place to maintain the physical containment of	V
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	у
If no, detail:	
Results of Surveillance	
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?	Y
If yes, detail (if not detailed under recent disease problems). CMS, P Skyensis, PGD	
7/5/0040 + 05/4/0040	

Records checked between: 7/5/2016 to 25/4/2018

1111 000, Version 11						133ueu by. 1 1 II							
	Case no:	2018-01	160	Site No:		FS0413			Date of		25/0	04/2018	
	Priority samples:	VI		ВА		PA		MG	Samplin	g. HI			
	Time sampling starts/ends:		0:00		0:00		Inspecto	or:	DJT		VMD No). 	25
	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								
	Pool Group												
	Species	SAL	SAL	SAL	SAL								
	Average weight	4kg	4kg	4kg	4kg								
	Sex	N/A	N/A	N/A	N/A								
	Water Type	SW	SW	SW	SW								
ails		ort	ort	ort	ort								
Details		nail	Jail	nail	nail		ı						
쏭	Stock Origin	-ochailort	Lochailort	Lochailort	Lochailort								
Stock	Facility No	12	10		15								
U)	7	-	. •	-	. •								

	Additional Sample Information:													
0		Total Te	ests ass	signed	0									

FHI 059, Version 11		Issued by: FHI			Date	of issue	e: 12/09/2017
Case Number:	2018-0160		Site No:	FS0413		Insp:	DJT
Date of Visit	25/04/2018		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	10	26	
	Number of sup	ocluding third country	0		18 10		
Marranata							10
Movements off	Frequency of m		0				10
Exposure via water	Transor or door	Site contacts					
Water contacts with other	Farm is protect	ed (secure water supply through					
farms (holding species	disinfection or b	•	0				
susceptible to same diseases)		or in a coastal zone with category In or within 1 tidal excursion	1	2	4		2
,		or in a coastal zone with category III					
		or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
	iairiis upstreair	TOT WITHIT T tidal excursion	'	1 7	0		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within	No on farm pro	cessing	0				
the rules of the directive	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
		from zone or compartment of					
	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				0
products	Common proce	sses with other farms	3	1			
	Collection point	for waste from other farms	5	İ			
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	1			0
·	Feeding unpas	•	5				
Biosecurity		Number of sites	1	ı 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
			'	ļ			\vdash
CoGP/Regulator Practices in accordance	Yes			1			
with regulator or industry	No		0				
code of practice	140		3	J			
Platform access to cages	Yes		0				0
	No		2				
					Total		16
					Rank		MEDIUM

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0160	Site No:	FS0413
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problem		N
2. Is the CoGP Farm Management Area (or e	equivalent) fallowed synchronously on a single y	ear class basis?
azamethiphos and emamectin benzoate) as can these be deployed in a reasonable perio	cenced in-feed and bath sea lice medications (inc well as access to suitable biological and/or med d of time? gement agreement or statement relevant to the si	hanical control measures, and
5. Are sea lice count records available for ins	spection? (Legal SSI, CoGP Annex 6)	Υ
	I standard specified in the SSI and the CoGP? (L	egal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels be records are inspected? (CoGP Annex 6)	elow the suggested criteria for treatment in the Co	pGP during the period that
8. Have average adult female sea lice (<i>L. sai</i> records are inspected?	Imonis) numbers per fish been at a level of 3 or a	
	Health Inspectorate? If no, FHI see comment.	N/A
9. Is C. elongatus infestation at a level which	n is considered to cause significant welfare proble	ems? (CoGP 4.3.81, 5.3.50) N/A
·	istered or other actions taken when <i>L. salmonis lelongatus</i> is considered to have welfare implication	
11. Has any other action been taken (where	applicable)?	N/A
	ns taken had a significant impact upon the lice le	
14. Is there a harvesting strategy for the site, sea lice?	d out in cooperation between participating farms? , where fewer populations or part populations are ement procedure with waypoints describing set a infestation?	held without treatment for Y
16. Does the stock on site appear satisfactor reasons.	ry in relation to sea lice level and sea lice count d	lata? If no please detail Y
	age due to predators in the current or previous pro	
	the predation experienced on site? (Detail below	Υ
Top nets Tensioned nets	ADDS MML	
If other, detail below:		
 3. Have escape incidents or events been ex If Yes proceed with questions 4 – 9. If No ski 4. Have these been reported to Scottish Mini 		e last FHI inspection?
· ·	forthwith (where they exist)? (CoGP - 4.4.37, 5.4 and local fisheries trusts forthwith (where they exist)	
7. Were methods (if any) used to recover esc	capees? If yes give detail	
Ministers? (Legal, CoGP – 4.4.38, 5.4.18) 9. What action was taken to prevent and min be considered under satisfactory measure.	agreed with local wild fish interests and was permaimise the risk of further escapes? (Not covered in the soft the Act) regards to containment? If no, please detail reasons	n code but could

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0160	Site No: FS0413	
Date of Visit: 25/04/2018	Inspector: DJT	
Point of Compliance		
1. Is the farm under inspection located v		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 relevan5. Does the FMAg/S identify the fish farr	t farm management area? m site(s) to which it applies? commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health Manag	ement	
farm? 9. Does the FMAg/S identify the vaccina 10. Does the FMAg/S identify the specie 11. Does the FMAg/S identify the maxim individual farm? 12. Does the FMAg/S identify the arrang fish farm in the area or the individual fa Arrangements for The Management of 13. Does the FMAg/S identify arrangem 14. Does the FMAg/S identify the availation statement?		or farm? or farm? or farm? in the area or the ead fish from any ers and treatments? Y red by the agreement Y
lice on farms in the area or individual far	rms? nstances under which biological controls and o	
	gements for synchronous treatments on farms	s within the area?
Live Fish Movements		
area or farm?	nstances when live fish may be introduced or gements for the movement of live fish on and	<u> </u>

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Harvesting		
20. Does the FMAg/S identify acceptal	ble harvest practices on farms in the area or individu	ual farms?
Fallowing		
21. Does the FMAg/S identify the date date when a farm or area may be resto	es by which the area or individual farm will be fallow a ocked?	and the earliest Y
22. Does the FMAg/S identify whether agreement or statement?	one or more year classes may be stocked onto sites	s covered by the Y
23. Does the FMAg/S identify whether covered by the agreement or statemen	broodstock or potential broodstock are to be kept on nt?	n any site Y
Point of Compliance for Farm Mana	gement Agreements Only	
24. Does the farm management agree parties to the agreement?	ement include arrangements for persons to become,	or cease to be, N/A
Management and operation		
25. Is the fish farm being managed an	d operated in accordance with the agreement or star	tement?
26. What is the version no/date of issu	ue of the FMAg/S? 01/10/2016	

Case No: 2018-0160 Site No: FS0413 Date of visit: 25/04/2018

End date: (if applicable)	Size of fish:	Average weight of affected population:	Species:	Yearclass:	Timescale	Mortality rate recorded(%):	Explained/ unexplained:	If explained, select reason(s):
26/11/2017	≥750g	1.6	SAL	2017 Q1	Weekly	1.61	Explained	P Skyensis
03/12/2017	≥750g	1.6	SAL	2017 Q1	Weekly	1.20	Explained	P Skyensis
10/12/2017	≥750g	1.6	SAL	2017 Q1	Weekly	1.40	Explained	P Skyensis
				+		+		
	26/11/2017 03/12/2017	applicable) fish: 26/11/2017 ≥750g 03/12/2017 ≥750g	applicable) fish: weight of affected population: 26/11/2017 ≥750g 1.6 03/12/2017 ≥750g 1.6	applicable) fish: weight of affected population: 26/11/2017 ≥750g 1.6 SAL 03/12/2017 ≥750g 1.6 SAL	applicable) fish: weight of affected population: 26/11/2017 ≥750g 1.6 SAL 2017 Q1 03/12/2017 ≥750g 1.6 SAL 2017 Q1	applicable) fish: weight of affected population: 26/11/2017 ≥750g 1.6 SAL 2017 Q1 Weekly 03/12/2017 ≥750g 1.6 SAL 2017 Q1 Weekly	applicable) fish: weight of affected population: weight of affected 2017 Q1 weight of affected weight of affected population: weight of affected 2017 Q1 weight	applicable) fish: weight of affected population: weight of affected population: weight of affected population: weight of affected population: unexplained: 26/11/2017 ≥750g 1.6 SAL 2017 Q1 Weekly 1.61 Explained 03/12/2017 ≥750g 1.6 SAL 2017 Q1 Weekly 1.20 Explained

If unexplained, select observations:	Total mortality during event (if available):	Additional information (e.g. action taken by company):	Action taken by FHI (include case no where applicable):
	9271	Company Vet took samples confirmed diagnosis, antibiotic to affected population	
	6716	Antibiotic administered after diagnosis confirmed	
	7283	Antibiotic administered after diagnosis confirmed	

Case No:	2018-0160			Date of visit:	25/04/2018			
Site No:	FS0413	1		Inspector:	DJT	1		
Results Summary	Freq.		Date of Notification					
,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	+							
	+	 		 		 		
	+							1
Report Summary	T							
Case Type	Date	Insp	2 nd Insp					
Case Type ECI,CNI,SLI,VMD	03/05/2018	DJT	DCB	1				
- , - , - ,				1				
	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 Visit25/04/2018Site NoFS0413Site NameCamas GlasInspectorDavid TomlinsonCase No20180160

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.

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

Reports detailing the results of animal health surveillance carried out by or on behalf of the business and 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 assistance or clarification in implementing any requirement or recommendation detailed in this report.



FHI 059, Version 11	1	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0161			Date of visit: 25/04/2018
Time spent on site:)	Main Inspe	ector: DJT
Site No: SS0292	Site Name:	Glen Uig	
Business No: SB0514	Business Name:	Moidart Shellfish Ltd	
Case Types: 1 REG 2	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?	If yes, see additional in	formation/clinical score sheet.
Clinical signs of disease observed	1?		formation/clinical score sheet.
Gross pathology observed? Diagnostic samples taken?		if yes, see additional in	formation/clinical score sheet.
Diagnostic samples taken:			
UNI/REG only - if unable to carry	out intended visit detail		
		Site fallow	

No movements on or off site since last inspection.

Site is to be sold on shortly. Authorisation amendment forms and registration forms passed on to owner.

Two lines inspected from the shore, no droppers in place.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	ıe: 12/09/2017
Case No:	2018-0161]	Site No:	SS0292				
Date of Visit:		25/04/2018			Inspector(s):	DJT]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	tive?			y N	}
Site Details								
Total No facilities Species		2	Facilities sto	cked	0	No facilitie	es inspected	2 (from shore)
Age group No Fish								
Mean Fish Wt								
Next Fallow Date (S	ite)	currently fallo)W	Next Input Da	ate (Site)	No plans		
Recent (last 4 wks)	disease probl	ems?		N/A	Any escapes	(since last	visit)?	N/A
Movement Records	S							
1. Movement record		r inspection?						Y
2. Date of last inspe		·					26/06/2013	
3. Are records comp		•						Y
4. Are movement re								N/A
5. Are records comp6. Are health certific		•		ble?				N/A 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	<i>(</i>			
Mortality Records								
1. Mortality records a		•						N/A
2. How are mortalitie	es disposed o	f?						
If other detail:	a manulata and		wo al O					N/A
 Mortality records (Recent mortality (•	correctly ente	erea?					IV/A
5. Evidence of recer	· ·	tvnical mortal	ities?					N/A
If yes, facility nos/no				reason:				14/7
6. Any other peaks i	n mortality du	ring period ch	ecked?					N/A
If yes, detail: 7. Have increased (a	Inexplained)	mortalities be	en reported to	vet or FHI2				N/A
If yes, detail action:	anoxpiamou)		on reported to					13/73
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)?	
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).	
26/5/2042 to 25/4/49	

ecords checked between:

26/6/2013 to 25/4/18

Case No:	2018-0161			Date of visit: 25/04/2018				
Site No:	SS0292	1		Inspector:	DJT	1		
Results Summary	Freq.			Da	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
						1		
D 0								
Report Summary	_		nd					
Case Type REG	Date	Insp	2 nd Insp					
REG	03/05/2018	DJT	DCB					
	1							





Moidart Shellfish Ltd Sunbeam Acharacle Argyll PH36 4JL

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0514DATE OF VISIT25/04/2018SITE NOSS0292SITE NAMEGlen UigINSPECTORDavid TomlinsonCASE NO20180161

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was visited, 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 fallow.

Records

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

The following record was 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: 03/05/2018

FHI 059, Version 11	Issu	ued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0162			Date of visit: 26/04/2018
Time spent on site:	5h	Main Inspecto	or: DJT
Site No: FS0695 Business No: FB0125	Site Name: Business Name:	Shuna Scottish Sea Farms Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 8	Thermometer No:	T173	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA: M-36
Dead/weak/abnormally behaving	-		mation/clinical score sheet.
Clinical signs of disease observ	ed?		mation/clinical score sheet.
Gross pathology observed? Diagnostic samples taken?		n III yes, see additional infor	mation/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detail rea	ason below:	

Morts low since input. All fish onsite from Ormsary smolt unit.

Site in withdrawal for SLICE

Targeted treatments used in the area with thermo licer.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0162		Site No:	FS0695	,			
Date of Visit:		26/04/2018	;		Inspector(s):	DJT]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ıtive?			у	
Site Details								
Total No facilities		10	Facilities sto	cked	10	No facilitie	es inspected	10
	SAL							
3-3-1	2018 Q1							
No Fish	234,868 182							
Mean Fish Wt		14 1 0040		11 (1 (D)	(0); .)	11 0040		
Next Fallow Date (Si	ite)	March 2019		Next Input Da	ite (Site)	Nov 2019		
Recent (last 4 wks) of the last 4 wks) of the last 4 wks.	disease probl	ems?		N	Any escapes	s (since last	visit)?	N
Movement Records	s							
1. Movement records		r inspection?						Y
2. Date of last inspec							30/06/2016	
3. Are records comp		•						Y
4. Are movement red								N/A
5. Are records comp		•						N/A
6. Are health certification	ates for introd	luctions (outw	ith GB) availa	ible?				N/A
Transport Records								
1. Are any movemen					-			N
If yes, is there a syst	tem in place i	of maintenant	ce or transpor	tation records:				
Mortality Records								
1. Mortality records a	available for in	nspection?						Y
2. How are mortalitie		•			Incinerated -	on site		
If other detail:								
3. Mortality records of	•	•						Y
4. Recent mortality (,		8525/site Ap	ril (0.33%)				
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	necked?					N
If yes, detail:	Titlorianity a.s.	iling polica c	COROG.					
7. Have increased (u	unexplained) i	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 ϵ	enter on morta	ality events	sheet.	N/A

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?	У
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of a	ny
increased (unexplained) mortality at the site been included?	У
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed di	isease 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 high health status, certification if required)?	ner y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minin	nise V
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	lise y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	у
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?	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: 25/1/18 to 19/4/18	

Г	mi 059, version i i							155	ueu by. r	-111			
	Case no:	2018-01	162	Site No:		FS0695			Date of v		26/0	04/2018	
	Priority samples:	VI		ВА		PA		MG		g. HI			
	Time sampling starts/ends:		0:00	12:3	0:00		Inspecto	or:	DJT		VMD No	o.	10
	Environmental conditions:	1		2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
Δ	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-7	7-16										
	Pool Group												
	Species	SAL	SAL										
	Average weight	180g	180g										
	Sex	N/A	N/A										
	Water Type	SW	SW										
Stock Details		Ormsary smolt unit	Ormsary smolt unit										

	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:	2018-0162		Site No:	FS0695		Insp:	DJT
Date of Visit	26/04/2018		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	
	Number of sup	ocluding third country	0			14	
Mayananta aff			0			10	10
Movements off	Frequency of m		0			10	3
Exposure via water		Site contacts	0				
Water contacts with other farms (holding species	Farm is protect disinfection or l	ed (secure water supply through	0				
susceptible to same		or in a coastal zone with category I					
diseases)	farms upstream	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					
	farms upstream	n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
the rules of the directive	Processing own	n fish (re-cycling risk)	1	1			
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	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]			0
products	Common proce	sses with other farms	3				
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	-]			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		
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
and an account to day of	No		2				
				ı			
					Total		18
					Rank		MEDIUM

FHI 059, Version 11		Issued	by: FHI	Date of iss	ue: 12/09/2
Case No:	018-0162		Site No:	FS0695	
Sea Lice Inspection (Sea 1. Has the site experience		in the previous 4 years?)		N
2. Is the CoGP Farm Mana	•			ear class basis?	Υ
3. Does the site have acce	ess to a range of lice ectin benzoate) as vareasonable period	enced in-feed and bath s well as access to suitable of time?	ea lice medications (inc e biological and/or mec	cluding deltamethrin, hanical control measures, and	Y
Management Area (or equ	ivalent)?	-		ne and ood! Tall!!	
5. Are sea lice count recor	·		·		Y
6. Do records adequately i	reflect the required s	standard specified in the	SSI and the CoGP? (L	egal SSI, CoGP Annex 6)	Υ
7. Are sea lice (<i>L. salmoni</i> , records are inspected? (C		ow the suggested criteria	a for treatment in the Co	oGP during the period that	N
records are inspected?	·			above during the period that	N
If yes, have these been rep	ported to the Fish H	ealth Inspectorate? If no	, FHI see comment.		N/A
9. Is <i>C. elongatus</i> infestati	on at a level which	is considered to cause s	ignificant welfare proble	ems? (CoGP 4.3.81, 5.3.50)	N/A
10. Have therapeutic treati suggested criteria for treat				levels have exceeded the ions? (CoGP 4.3.82, 5.3.51)	Υ
11. Has any other action b	een taken (where a	pplicable)?			N/A
12. Have therapeutic treat	ments or the actions	s taken had a significant	impact upon the lice le	vels recorded?	Υ
13. Are treatments, where14. Is there a harvesting statesea lice?		•	• • •	held without treatment for	Y Y
			ypoints describing set a	actions to deal with recognised	Υ
16. Does the stock on site reasons.	appear satisfactory	in relation to sea lice le	vel and sea lice count d	ata? If no please detail	Υ
Containment Inspection 1. Has the site experience	d equipment damag	ge due to predators in the	e current or previous pr	oduction cycles?	N
2. Are measures in place t	o mitigate against tl	he predation experience	d on site? (Detail below)	Υ
Top nets Te	ensioned nets				
If other, detail below:					
3. Have escape incidents	or events been exp	erienced on or in the vic	inity of the site since the	e last FHI inspection?	N
If Yes proceed with question	ons 4 – 9. If No skip	to question 10			
4. Have these been report	ed to Scottish Minis	ters?			
5. Have these been report	ed to local DSFB fo	rthwith (where they exist)? (CoGP – 4.4.37, 5.4	.17)	
6. Have these been report	ed to the SSPO and	l local fisheries trusts for	thwith (where they exis	t)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if any) ເ	used to recover esca	apees? If yes give detail			
8. If gill nets were deployed		reed with local wild fish	interests and was perm	ission given by Scottish	
Ministers? (Legal, CoGP –	•				
9. What action was taken t			scapes? (Not covered in	n code but could	
be considered under sa	•		f no places details	00(0)	V
10. Is the site inspected as	s satisfactory with re	egards to containment? I	i no, piease detail reas	on(s)	Y

Date of issue: 12/09/2017

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0162	Site No: FS0695	
Date of Visit: 26/04/2018	8 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 i4. Does the FMAg/S identify the releva5. Does the FMAg/S identify the fish fa	Int farm management area? Irm site(s) to which it applies? If commencement of the agreement or stateme	у У У
Arrangements for Fish Health Mana	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		or farm? y 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 factorized the farms in the area or individual factorized 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 h	narvest practices on farms in the area or ind	ividual farms?
Fallowing		
21. Does the FMAg/S identify the dates by date when a farm or area may be restocked	which the area or individual farm will be falled?	ow and the earliest y
	or more year classes may be stocked onto	sites covered by the y
	odstock or potential broodstock are to be ke	pt on any site y
Point of Compliance for Farm Managem	nent Agreements Only	
24. Does the farm management agreemer parties to the agreement?	nt include arrangements for persons to beco	me, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and op	perated in accordance with the agreement or	statement?
26. What is the version no/date of issue of	the FMAg/S? 12/6/2016 (due for re	eview for existing crop)

Case No:	2018-0162			Date of visit:	26/04/2018					
Site No:	FS0695	l		Inspector: DJT						
Results Summary	Freq.			Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
	-									
	 									
Donort Cureran										
Report Summary	D /		- nd .							
Case Type	Date	Insp	2 nd Insp							
ECI,CNI,SLI,VMD	08/05/2018	DJT	DCB							
Case completion	09/05/2018	DJT	DCB							
	1									
	1									





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0125Date of Visit26/04/2018Site NoFS0695Site NameShunaInspectorDavid TomlinsonCase No20180162

Case completion report

Recommendations in relation to the above case were made for implementation by 30th June 2018. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

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

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

Signed: Date: 09/05/2018

Fish Health Inspector





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0125Date of Visit26/04/2018Site NoFS0695Site NameShunaInspectorDavid TomlinsonCase No20180162

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.

Reports detailing the results of animal health surveillance carried out by or on behalf of the business and 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, containment and escapes.

The farm management agreement was inspected and it was found that details including stocking and fallowing dates pertain to the previous cycle of fish. The review date had past however it was confirmed that a review would be conducted in the near future. The farm management statement must be updated following this review to reflect the current practices on site to ensure compliance with the legislation.

Please ensure that this point has been addressed by 30th June 2018. Documentation should be provided as evidence that the points have been addressed. The site may be subject to further inspection or enforcement action should the appropriate action regarding the above points not be taken within the time period stipulated. Records should be sent to the Fish Health Inspectorate (contact details below).

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



FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017						
Case No: 2018-0164			Date of visit: 17/04/2018						
Time spent on site:	15 mins	Main Ins	spector: ASM						
Site No: SS0595	Site Name:	Creag An Rainich, Loch	Leurbost						
Business No: SB0078	Business Name:	Western Isles Mussels							
Case Types: 1 PSI	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	-		If yes, see additional information/clinical score sheet.						
Clinical signs of disease observe	ed?		I information/clinical score sheet.						
Gross pathology observed? Diagnostic samples taken?		ii yes, see additiona	I information/clinical score sheet.						
g									
UNI/REG only - if unable to carry	y out intended visit deta	il reason below:							

Very reliable spat supply in the last 15 years.

Hoping to stock 3 headlines with spat this year.

No eider ducks on site at all. Some starfish observed but not causing any problems with predation.

Reportedly Japanese skeleton shrimps observed about 5 years ago. These were not causing any problems but have not been observed since.

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0164 SS0595 Site No: Date of Visit 17/04/2018 ASM 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 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 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 Frequency of movements off outwith MSS Management 0 Areas 3 6 3 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 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 0 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

LOW

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0164	Site No: SS0595	
Date of case: 17/04/2018	Inspector(s):	ASM
Business/site contacts correct? (if no, upda	ate site summary sheet)	Y
Site Details		
Total No facilities: 6	No facilit	ies stocked: 1
Species MED		
Age group 2017		
No shellfish 1LL		
Mean fish Wt 20g Next fallow date (site) No plans	Next input date (site)	Summer 2018
Date of last inspection: (ECI or PSI):	28/07/2015	
Any recent increased or atypical mortalities	e? (last 4 weeks):	N
If yes, detail:	. (last 1 works).	
e.g. site		
average, max		
per facility		
Any increased mortalities? (since last inspe	ection)	N
If yes, detail:		
How are mortalities disposed of?		Other (detail)
If other detail: Seabed		
Are there any diseases on your site?		N
If yes, detail:		
Llove you experienced prodution on site?		N
Have you experienced predation on site? If yes, detail:		N
<u> </u>		
Has the site experienced increased or abno	ormal fouling?	N
If yes, detail:		
Have you observed any invasive species o	n vour site?	N
If yes, detail:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Do you have an up to date BMP, and are the	iere any issues?	N
If yes, detail:		
What quantity of spat fall have you had in t	he last 12 months? (mussel sites only):	
Excellent		

Case No:	2018-0164			Date of visit:	17/04/2018			
Site No:	SS0595	1		Inspector	ASM	1		
						4:		
Results Summary	Freq.	Database	Insp	Phone	te of Notifica	Writing	Insp	2 nd Insp
					-1	. 3	-1	Z 1113p
	1			ì	ì			
	+			+	+			
			 					
	1			ì	ì			
D	_			1				
Report Summary	D /		- nd -	-				
Case Type PSI	Date 25/04/2049	Insp	2 nd Insp					
PSI	25/04/2018	ASM	KAS	-				
			1	4				
	-			-				
				-				
				-				
	1		 					
			1					
	1							





Western Isles Mussels 10 Ranish Lochs Isle of Lewis HS2 9NN

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No SB0078 **DATE OF CASE** 17/04/2018

SITE No SS0595 SITE NAME Creag An Rainich, Loch

Leurbost

INSPECTOR Andy Mayes Case No 20180164

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

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.

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: 25/04/2018

FHI 059, Version 11		Issued by: FHI		Date of iss	sue: 12/09/2017
Case No: 2018-0165				Date of visit: 17	/04/2018
Time spent on site:	5 mins	Ma	in Inspector:	ASN	1
Site No: SS0756	Site Name:	Rubh a Chleirich			
Business No: SB0078	Business Name:	Western Isles Muss	els		
Case Types: 1 PSI	2 3	4 5	=	6	
Water Temp (°C):	Thermometer No:			FHI 045 completed	d
Observations:	Region: WI	Water type:	S	CoGP MA:	
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	If yes, see addi	tional inform	ation/clinical score ation/clinical score ation/clinical score	e sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:			

Very reliable spat supply in the last 15 years.

SSMG will harvest stock in 2019.

No eider ducks on site at all. Some starfish observed but not causing any problems with predation.

Reportedly Japanese skeleton shrimps observed about 5 years ago. These were not causing any problems but have not been observed since.

Hoping to seed more headlines with spat this year.

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0165 SS0756 Site No: Date of Visit 17/04/2018 ASM 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 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 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 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 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 0 **Number of sites** 1 2 or 3 > 4 Biosecurity

Sites operating from single shorebase

Disinfection of equipment between sites, use of footbaths etc

Sites sharing staff and equipment

Contacts with other sites

0

Yes

0

Total Risk No

0

LOW

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0165	Site No: SS0756	
Date of case: 17/04/2018	Inspector(s):	ASM
Business/site contacts correct? (if no, upda	ate site summary sheet)	Y
Site Details		
Total No facilities: 2	No facili	ities stocked: 1
Species MED		
Age group 2017		
No shellfish 1LL		
Mean fish Wt 20g		
Next fallow date (site) No plans	Next input date (site)	Summer 2018
Date of last inspection: (ECI or PSI):	28/07/2015	
Any recent increased or atypical mortalities	22 (last 4 weeks):	N
If yes, detail:	: (last + weeks).	IV.
e.g. site		
average, max		
per facility		
Any increased mortalities? (since last inspe	action)	N
If yes, detail:	etion)	I'V
<u> </u>		
How are mortalities disposed of?		Other (detail)
If other detail: Seabed		
Are there any diseases on your site?		N
If yes, detail:		IX.
,		
Have you experienced predation on site?		N
If yes, detail:		
lles the site synericaned increased or share	arma al facclia a 2	NI.
Has the site experienced increased or abnull types details	ormai fouling?	N
If yes, detail:		
Have you observed any invasive species o	n vour site?	N
If yes, detail:	. , ,	<u></u>
Do you have an up to date BMP, and are the	nere any issues?	N
If yes, detail:		
MAN at a constitue of a set follows	h a lact 40 m anth 20 (
What quantity of spat fall have you had in t	ne last 12 months? (mussel sites only):	
EXCENSIV		

Case No:	2018-0165	Date of visit: 17/04/2018						
Site No:	SS0756	1		Inspector:	ASM	1		
Dogulto Cummon.								
Results Summary	rieq.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
								2 11105
						ļ		
	1			1	-	├──		-
						-		
	1							
	Î							
						Ì		
D 40				-				
Report Summary	_							
Case Type PSI	Date	Insp	2 nd Insp					
PSI	25/04/2018	ASM	KAS					
				4				
				-				





Western Isles Mussels 10 Ranish Lochs Isle of Lewis HS2 9NN

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0078Date of Case17/04/2018Site NoSS0756Site NameRubh a ChleirichInspectorAndy MayesCase No20180165

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

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.

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

Signed: Date: 25/04/2018

Fish Health Inspector