FHI 059, Version 11		Issued by: FHI		Date of issue	: 12/09/2017
Case No: 2018-0064			[Date of visit: 16/03	3/2018
Time spent on site:	2h	Ma	in Inspector:	DJT	
Site No: ss0354	Site Name:	Kyle of Tongue Oys	ters		
Business No: SB0525	Business Name:	SCEA Huitre JMC			
Case Types: 1 MOV	2 3	4 5		6	
Water Temp (°C): N/A	Thermometer No:		F	FHI 045 completed	
Observations:	Region: HI	Water type:	S	CoGP MA:	
Dead/weak/abnormally behavir	ng fish present?	n If yes, see addi	itional informa	ation/clinical score s	heet.
Clinical signs of disease observ	/ed?	n If yes, see addi	itional informa	ation/clinical score s	heet.
Gross pathology observed?		n If yes, see addi	itional informa	ation/clinical score s	heet.
Diagnostic samples taken?		n			
UNI/REG only - if unable to car	ry out intended visit deta	uil reason below:			

One consignment of 545,000 (~25kg) Pacific oyster spat inspected prior to input to site, health certificate INTRA.IE.2018.0004211 (local reference EXP-2493) was present and completed correctly. No issues noted.

Case No:	2018-0064			Date of visit:	16/03/2018			
Site No:	ss0354	1		Inspector:	DJT	l		
Results Summary	Freq.	Date of Notification						
,		Database	Insp		Insp	Writing	Insp	2 nd Insp
D 0								
Report Summary	_		nd					
Case Type MOV	Date	Insp	2 nd Insp					
MOV	19/03/2018	DJT	PMM					
	 							





SCEA Huitre JMC 115B Rhitongue by Lairg Sutherland IV27 4XW

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0525 **DATE OF VISIT** 16/03/2018

SITE No SS0354 SITE NAME Kyle of Tongue Oysters

INSPECTOR David Tomlinson CASE No 20180064

Inspection of a consignment introduced into Scotland

An inspection was conducted outside Perth on a consignment of 245,000 Pacific oyster spat introduced into Scotland from Tralee Bay Hatchery Ltd, Ireland.

The accompanying health certificate met the requirements of the Aquatic Animal Health (Scotland) Regulations 2009 and the Trade in Animals and Related Products (Scotland) Regulations 2012.

The consignee must retain the original health certificate for at least 3 years.

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: 19/03/2018

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0065			Date of visit: 13/03/2018
Time spent on site:	1.5 hours	Main Ir	nspector: ASM
Site No: FS0258 Business No: FB0127	Site Name: Business Name:	Abbey St. Bathans Trou Abbey St. Bathans Trou	
Case Types: 1 ECI	2 CNI 3	4 5	6
Water Temp (°C): 4	Thermometer No:	T172	FHI 045 completed
Observations:	Region: BO	Water type: F	CoGP MA:
Dead/weak/abnormally behavir Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	•	N If yes, see addition	nal information/clinical score sheet. nal information/clinical score sheet. nal information/clinical score sheet.
UNI/REG only - if unable to car	ry out intended visit deta	il reason below:	

Fish brought onto site at 25g and grown on to 650g. All go to Belhaven Smokehouse for table market. Waste ensiled but it takes up to a year before containers are removed.

Most summers the site can suffer from a problem with diatoms causing increased mucus on the gills. FVG has diagnosed the problem in the past but not recently. Successful treatment issued by manager. Mortality not over notifiable limit. Drum filter used to filter out eye fluke.

In the past the site has had problems with otters but new measures (fence) have prevented predation on site.

Some ponds frozen over for a week. No major problems caused. No problems for flooding since the snow has thawed either.

FHI 059, Version 11			Issu	ued by: FHI			Date of issu	ue: 12/09/2017
Case No:	2018-0065		Site No:	FS0258	8			
Date of Visit:		13/03/2018	3		Inspector(s)	: ASM]
Registration/Authornamental 1. Business/site detail 2. Changes made to	ails summary		site representa	ative?			y n	-
Site Details								
Total No facilities		18	Facilities sto	ocked	16	No faciliti	es inspected	18
Species	RTR	RTR	RTR	RTR				
Age group	2016	2017	2017	2018				
No Fish	21,000	26,000	28,000	89,000				
Mean Fish Wt	300g+	200g - 300g	125 - 200g	40-80g				
Next Fallow Date (S	ite)	No plans		Next Input Da	ate (Site)	No plans		
Recent (last 4 wks)	disease probl	lems?		r	N Any escapes	s (since last	t visit)?	N
If yes, detail:								
Movement Records	S							
1. Movement record	s available fo	or inspection?						Y
2. Date of last inspe							28/11/2017	
3. Are records comp		•						Y
4. Are movement re				?				Y
5. Are records comp				11.0				Y N/A
6. Are health certific	ates for introd	ductions (out	vith GB) availa	able?				N/A
Transport Records	,							
1. Are any movemen		• •		•				Y
If yes, is there a sys	tem in place f	ior maintenar	ice of transpo	rtation records	s?			Y
Mortality Records								
Mortality records a	available for i	nspection?						Y
2. How are mortalities of their detail:	es disposed o	of?			Ensiled - on	site		
3. Mortality records	complete and	correctly en	rered?					Y
4. Recent mortality (•			unknown caus	ses or deform	ities		
5. Evidence of recer	`	atypical morta						N
If yes, facility nos/no		· ·		//reason:				
6. Any other peaks i	n mortality du	rina period c	hecked?					l N
If yes, detail:	Tinoricani, III	mig penes	locked.					
7. Have increased (u	unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FH	If no, add M	IRT case and	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	
1. Recent treatments (last 4 wks)?	N
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	N/A
5. If yes, what treatment(s)?	
If other, detail:	Y
6. Are medicines stored appropriately?	Ť
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	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: 28/11/17 - 13/03/18

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017
Case Number:	2018-0065		Site No:	FS0258		Insp:	ASM
Date of Visit	13/03/2018		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	
with GB) of susceptible species		novements on from equivalent zone or			40		
species	· ·	ncluding third country	0		18	26	
	Number of sup	pilers	0	5		14	
Movements off	Frequency of m		0				0
	Number of des		0			10	0
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	•	0				\mathbf{L}
susceptible to same diseases)	farms upstream	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V nor 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				
and raise of the anconve	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				
	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	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	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		0
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1				
CoGP/Regulator				_			
Practices in accordance	Yes		0				
with regulator or industry code of practice	No		3				3
Platform access to cages	Yes		0				0
	No		2				
					Total		6
					Rank		LOW

Case No:	2018-0065		Site No:	FS0258	
Sea Lice Inspection (3	••	in the previous 4 years?			
•	·	quivalent) fallowed synch	ronously on a single ve	ear class basis?	
3. Does the site have a azamethiphos and emacan these be deployed	access to a range of licamectin benzoate) as in a reasonable periodumented farm manag	enced in-feed and bath se well as access to suitable	a lice medications (inc biological and/or mech	luding deltamethrin, nanical control measure	s, and
5. Are sea lice count re	cords available for ins	pection? (Legal SSI, CoGI	P Annex 6)		
6. Do records adequate	ely reflect the required	standard specified in the	SSI and the CoGP? (Le	egal SSI, CoGP Annex	6)
7. Are sea lice (<i>L. salm</i> records are inspected?		ow the suggested criteria	for treatment in the Co	GP during the period th	nat
8. Have average adult records are inspected?	· · · · · · · · · · · · · · · · · · ·	<i>moni</i> s) numbers per fish b	een at a level of 3 or a	bove during the period	that
If yes, have these beer	reported to the Fish H	lealth Inspectorate? If no,	FHI see comment.		
9. Is <i>C. elongatus</i> infes	station at a level which	is considered to cause sig	gnificant welfare proble	ems? (CoGP 4.3.81, 5.3	5.50)
		stered or other actions takelongatus is considered to			
11. Has any other action	on been taken (where a	ipplicable)?			
12. Have therapeutic tr	eatments or the action	s taken had a significant i	mpact upon the lice lev	vels recorded?	
		out in cooperation between where fewer populations of	· · · · · · · · · · · · · · · · · · ·		for
15. Is there a site spec scenarios during the es		ement procedure with way nfestation?	points describing set a	ctions to deal with recog	gnised
16. Does the stock on streasons.	site appear satisfactor	in relation to sea lice leve	el and sea lice count da	ata? If no please detail	
•	nced equipment dama	ge due to predators in the he predation experienced		•	N Y
Screen, bunding to c	ontain any flood wat	er, electric fence, bird no	etting over whole site	e, traps for pests.	
If other, detail below:					
If Yes proceed with que 4. Have these been rep	estions 4 – 9. If No skip ported to Scottish Minis	sters?		·	N
•		rthwith (where they exist) ^d local fisheries trusts forth		•	17)
7. Were methods (if an	y) used to recover esc	apees? If yes give detail			
8. If all note were deal	aved was this action of	aread with local wild fish in	sterests and was norm:	ission given by Scottish	
8. If gill nets were depic Ministers? (Legal, CoG		greed with local wild fish ir	neresis and was permi	solon given by Scottish	
9. What action was tak	en to prevent and mini	mise the risk of further eso	capes? (Not covered in	code but could	
be considered under	•				
10. Is the site inspected	d as satisfactory with r	egards to containment? If	no, please detail reaso	on(s)	Υ

Issued by: FHI

Date of issue: 12/09/2017

FHI 059, Version 11

Case No:	2018-0065			Date of visit:	13/03/2018				
Site No:	FS0258	1		Inspector:	ASM]			
Results Summary	Freq.	Date of Notification							
Results Guillinary	1 104.	Database	Insp		Insp	Writing	Insp	2 nd Insp	
					-	-			
								1	
D + 0	•								
Report Summary									
Case Type	Date	Insp	2 nd Insp						
ECI, CNI	28/03/2018	ASM	AJW						





Abbey St. Bathans Trout Farm The Retreat, Blackerstone Duns Berwickshire TD11 3RY

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0127 Date of Visit 13/03/2018

SITE NO FS0258 SITE NAME Abbey St. Bathans Trout

Farm

INSPECTOR Andy Mayes Case No 20180065

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

R04

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

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 28/03/2018
Fish Health Inspector

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

FHI 059, Version 11	I	ssued by: FHI	Date	of issue: 12/09/2017
Case No: 2018-0066			Date of visit:	14/03/2018
Time spent on site:	4.5 hours	Main	Inspector:	ASM
Site No: FS0168 Business No: FB0388	Site Name: Business Name:	Belton Ford Belhaven Trout Comp	any Ltd	
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6]
Water Temp (°C): 4.1	Thermometer No:	T172	FHI 045 com	pleted
Observations:	Region: LO	Water type: F	CoGP MA	L
Dead/weak/abnormally behavir Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additio	onal information/clinical onal information/clinical onal information/clinical	score sheet.
UNI/REG only - if unable to car	ry out intended visit detail	reason below:		

Next input of fish from Invicta trout

Stirling university conducted a pre-transfer check prior to moving fish for a research project.

Most of production goes for restocking ponds

No FS numbers on movement records but that was corrected before inspection was over.

Culachy Estate, Drumtassie Fishery, Raeshaw Farms, Calroust Farm, Harehope Fly Fishers not registered but on movement record (movements off)

Culachy Estate:

Drumtassie Fishery (facebook): 07939 249 481

Raeshaw Farms: jpbourbeillon@yahoo.com

Harehope Fly Fishers:

Calroust Farm: dp@seedandco.com,

FHI 059, Version 11			Iss	sued by: FHI			Date of issu	ıe: 12/09/2017
Case No:	2018-0066		Site No:	FS016	8			
Date of Visit:		14/03/201	8		Inspector(s)	: ASM]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site represen	tative?			Y N	}
Site Details								
Total No facilities		19	Facilities st	tocked	16	No facilit	ies inspected	19
Species	RTR	RTR	RTR	TRO			loc mepsess	
Age group	2017	2017	2016	2016				
No Fish	4,062	5,574	2,817	1,910				
Mean Fish Wt	0-500g	501g-1kg	1kg+	200-600g				
Next Fallow Date (Si	ite)	No plans		Next Input D	ate (Site)	Week aft	ter inspection	
Recent (last 4 wks)	disease prob	lems?		ſ	N Any escapes	s (since las	t visit)?	N
If yes, detail:								
Movement Records	s							
1. Movement records	s available fo	or inspection	?					Y
2. Date of last inspec							28/11/2017	
3. Are records comp		•						Y
4. Are movement red				?				Y
5. Are records comp								Y
6. Are health certification	ates for intro	ductions (out	with GB) avai	ilable?				N/A
Transport Records								
1. Are any movemer	nts carried or	ut by (or on b	ehalf) of the t	ousiness (not us	sing a STB)?			Y
If yes, is there a syst	tem in place	for maintena	nce of transp	ortation records	s?			Y
Mortality Records								
Mortality records a	available for	inspection?						Y
2. How are mortalities		•			Biogas - Gas	sk, Turriff		
If other detail:								
3. Mortality records of	•	d correctly en						Y
4. Recent mortality (•			ound mortality				
5. Evidence of recen		• •						N
If yes, facility nos/no	mortality pe	r facility/no st	tock per facilit	ty/reason:				
6. Any other peaks in	n mortality d	uring period (chackad?					N
If yes, detail:	Thortanty di	anny penou c	Heckeu:					
7. Have increased (u	inexplained)	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	MRT case and	enter on morta	ality events	sheet.	N/A

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	N
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	N.
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)? If other, detail:	
6. Are medicines stored appropriately?	N/A
•	14/7
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?	Υ
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: 28/11/17 - 14/03/18

	al 059, version i i							153	sueu by.				
	Case no:	2018-00	066	Site No:		FS0168			Date of Samplin		14/0	03/2018	
	Priority samples:	VI		ВА		PA		MG		y. HI			
	Time sampling starts/ends:	12:0	0:00	12:1	0:00		Inspecto	or:	ASM		VMD No	D.	1
	Environmental conditions:	1	Dry	2	Cloudy	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	400g											
	Sex	N/A											
	Water Type	FW											
		E											
Details		Fa											
7		New Farm											
Stock	Stock Origin												
Ċ,	Facility No	4											

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

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/20
Case Number:	2018-0066		Site No:	FS0168		Insp:	ASM
Date of Visit	14/03/2018		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	
with GB) of susceptible species		ovements on from equivalent zone or		0	40	20	
эрешез	compartment in Number of supp	cluding third country	0			26 14	_
Movements off	Frequency of m		0			10	1
Eveneuro vio water	Number of dest	Site contacts				10	1
Exposure via water Water contacts with other	Farm is protect	ed (secure water supply through	, <u> </u>	1-3 	6-10		
farms (holding species	disinfection or b		0				
susceptible to same		or in a coastal zone with category I					
diseases)		or within 1 tidal excursion	1	2	4		⊢
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
	Farm is on-line	or in a coastal zone with category V					
	farms upstream	or within 1 tidal excursion	1	4	8		_
Management practices			None	Secure	Unsecure		
Water contacts with	Any processing	plant discharging into adjacent waters	3				
processors			0	1	2		
On farm processing within	No on farm prod	cessing	0]			
the rules of the directive	Processing owr	n fish (re-cycling risk)	1				_
		from MS of equivalent status	1				⊢
		from zone or compartment of					⊢
	equivalent statu		4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0	1			
products	Common proce	sses with other farms	3	-			_
		for waste from other farms	5				_
	<u> </u>]			<u> </u>
Use of unpasteurised feeds	_	npasteurised feed	0				_
	Feeding unpast		5	J			
Biosecurity	lo:	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites		from single shorebase	0		2		
	Sites sharing st	aff and equipment	0	1	2		
Disinfection of equipment	Yes		0	1			
between sites, use of footbaths etc	No		1	1			_
			<u>'</u>	J			_
CoGP/Regulator Practices in accordance	Yes		Τ .	1			
with regulator or industry			0				_
code of practice	INO		3				
Platform access to cares	Yes			1			
a.ioiiii addood to dagos			2				-
	1			J			
					Total		2
					Rank		HIGH
	Yes No Yes No		0 3				HIG

Case No:	2018-0066		Site No:	FS0168	
Sea Lice Inspection (and 1. Has the site experies	Seawater Sites Only) nced sea lice problems i	n the previous 4 years?			
•	•	ivalent) fallowed synchrono	ously on a single y	ear class basis?	
azamethiphos and ema	amectin benzoate) as w in a reasonable period o cumented farm manager	nced in-feed and bath sea licell as access to suitable biolof time? nent agreement or statemer	ogical and/or mecl	hanical control measure	es, and
	·	ection? (Legal SSI, CoGP Ar	inex 6)		
		andard specified in the SSI	•	egal SSI, CoGP Annex	(6)
7. Are sea lice (<i>L. salm</i> records are inspected?		w the suggested criteria for t	reatment in the Co	oGP during the period t	hat
8. Have average adult records are inspected?		onis) numbers per fish been	at a level of 3 or a	above during the period	I 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 signific	cant welfare proble	ems? (CoGP 4.3.81, 5.	3.50)
		ered or other actions taken vingatus is considered to have			
11. Has any other action	on been taken (where ap	plicable)?			
12. Have therapeutic tr	eatments or the actions	taken had a significant impa	ct upon the lice le	vels recorded?	
		ut in cooperation between p here fewer populations or pa			for
15. Is there a site spec	ific written lice managen scalation of a sea lice inf	nent procedure with waypoin estation?	ts describing set a	actions to deal with reco	ognised
16. Does the stock on reasons.	site appear satisfactory i	n relation to sea lice level ar	d sea lice count d	lata? If no please detail	
Containment Inspecti	ion				
· ·		due to predators in the curr	ent or previous pro	oduction cycles?	N
2. Are measures in pla	ce to mitigate against the	e predation experienced on s	site? (Detail below)	Υ
String over the site, e	electric fence, screens	over water outlet			
If other, detail below:					
If Yes proceed with que	ents or events been expendents or events been expendents and selections 4 – 9. If No skip to orted to Scottish Minister	•	of the site since the	e last FHI inspection?	N
5. Have these been rep	oorted to local DSFB fort	hwith (where they exist)? (C	oGP – 4.4.37, 5.4	.17)	
6. Have these been rep	ported to the SSPO and	ocal fisheries trusts forthwith	n (where they exis	t)? (CoGP – 4.4.37, 5.4	l.17)
7. Were methods (if an	y) used to recover esca	pees? If yes give detail			
		eed with local wild fish intere	sts and was perm	ission given by Scottisl	n
Ministers? (Legal, CoG					
		ise the risk of further escape	es? (Not covered in	n code but could	
	r satisfactory measure		ologoo data'i	00(0)	V
TO. IS the site inspecte	u as satisfactory with rec	ards to containment? If no,	piease detail reasc	UII(S)	Y

Issued by: FHI

Date of issue: 12/09/2017

FHI 059, Version 11

Site No: FS0168

Case No: 2018-0066

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2018-0066			Date of visit:	14/03/2018			
Site No:	FS0168]		Inspector	ASM]		
Results Summary	Freq.				ite of Notifica	tion		
results Summary	1 104.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
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	+							
	+			†	†			1
				<u> </u>				
Report Summary	1	T	т -	1				
Coop Type	Doto	lnon	and I	1				
Case Type ECI, CNI, VMD	Date 28/03/2018	Insp	2 nd Insp AJW	-				
ECI, CINI, VIVID	20/03/2010	ASIVI	AJVV	-				
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Belhaven Trout Company Ltd 6 Steading Gardens Dunbar

EH42 1GS

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0388Date of Visit 14/03/2018Site NoFS0168Site NameBelton FordInspectorAndy MayesCase No20180066

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.

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.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 28/03/2018
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: 2018-0067			Date of visit: 14/03/2018					
Time spent on site:	5 mins	Main Ins	pector: ASM					
Site No: FS0170	Site Name:	West Barns Hatchery						
Business No: FB0388	Business Name:	Belhaven Trout Company	y Ltd					
Case Types: 1 REG	2 3	4 5	6					
Water Temp (°C): N/A	Thermometer No:	T172	FHI 045 completed					
Observations:	Region: LO	Water type: F	CoGP MA:					
Dead/weak/abnormally behavior	~ .		A If yes, see additional information/clinical score sheet.					
Clinical signs of disease observ	ved?		information/clinical score sheet.					
Gross pathology observed?			Information/clinical score sheet.					
Diagnostic samples taken?		N/A						
UNI/REG only - if unable to car	ry out intended visit detail	reason below:						

Currently not being used to farm fish. No plans to reuse in the foreseeable future. Ponds and shed still on site but with no water running through.

Paperwork filled in to inactivate the site.

FHI 059, Version 11			Issi	ued by: FHI			Date of issu	ue: 12/09/2017
Case No:	2018-0067		Site No:	FS01	170			
Date of Visit:		14/03/201	18		Inspector	r(s): ASM		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site represent	ative?			Y N	}
Site Details								
Total No facilities		10	Facilities sto	ocked	0	No faciliti	ies inspected	10
Species	Fallow							
Age group No Fish								
Mean Fish Wt								
Next Fallow Date (S	ite)	N/A		Next Input	t Date (Site)	N/A		
·	·							
Recent (last 4 wks) of the second (last 4 wks) o	disease prob	lems?			N Any escar	apes (since last	t visit)?	N
Movement Records								
Movement record		or inspection	12					у
2. Date of last inspec							13/02/2014	
3. Are records comp	olete and corr	•						Y
4. Are movement rec				?				Y
5. Are records comp		•						Y N/A
6. Are health certification		ductions (our	twith GB) avail-	able?				N/A
Transport Records								
1. Are any movemen					-)?		N
If yes, is there a syst	tem in place f	for maintena	ance of transpo	rtation recor	rds?			
Mortality Records								
Mortality records a	available for i	inspection?						Y
2. How are mortalities		•			Biogas - 0	Gask, Turriff		
If other detail:								
3. Mortality records of	•	correctly er						Y
4. Recent mortality (·	to leal mor	Fallow					N
5. Evidence of recently yes, facility nos/no		* •		u/reason:				N
II yes, radiity rids/its	mortanty po.	Tachity/Tie	lock per raems,	//1643611.				
6. Any other peaks in	n mortality du	uring period	checked?					N
If yes, detail:				71.1				* 1/A
7. Have increased (u	inexplained)	mortalities b	been reported to	o vet or FHI	?			N/A
If yes, detail action: 8. Have 'mortality ev	ents' been re	eported to Fl	HI? If no. add I	MRT case at	nd enter on m	ortality 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)?	N/A
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	N1/2
4. Are fish in a withdrawal period?	N/A
5. If yes, what treatment(s)?	
If other, detail:	N/A
6. Are medicines stored appropriately?	IN/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 <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	V
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	'
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	·
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	N/A
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).	
12/02/44 14/02/49	

ecords checked between: 13/02/14 - 14/03/18

Case No:	2018-0067			Date of visit	14/03/2018			
Site No:	FS0170]		Inspector	ASM]		
Results Summary	Freq.			Da	ite of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
					1			
Danam Cumanan	_		_	1				
Report Summary	Date	1	and .	_				
Case Type REG	Date	Insp	2 nd Insp	_				
REG	28/03/2018	ASM	AJW	-				
				_				
				-				
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	1		 					
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Belhaven Trout Company Ltd 6 Steading Gardens Dunbar

EH42 1GS

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No FB0388 **DATE OF VISIT** 14/03/2018

SITE NO FS0170 SITE NAME West Barns Hatchery

INSPECTOR Andy Mayes Case No 20180067

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. No plans to use site in foreseeable future.

An amendment to authorisation form was filled in during the inspection to make the farm inactive. Once this form has been processed another letter will be issued confirming that the site has been made inactive.

Records

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

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

Mortality records were inspected and found to be adequately maintained.

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

Signed:

Date: 28/03/2018

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	2/09/2017
Case No: 2018-0068			Da	te of visit: 14/03/20	18
Time spent on site:	2 hours	Ma	ain Inspector:	ASM	_
Site No: FS1090	Site Name:	University of Edinb	urgh Fish Facilit	y	
Business No: FB0418	Business Name:	Edinburgh Universi	ty		
Case Types: 1 ECI	2 CNI 3	4 5	6		
Water Temp (°C): 20	Thermometer No:	T172	FH	II 045 completed	
Observations:	Region: LO	Water type:	F	CoGP MA:	
Dead/weak/abnormally behaving	g fish present?	N If yes, see add	litional information	on/clinical score shee	t.
Clinical signs of disease observ	ed?			on/clinical score shee	
Gross pathology observed?		N If yes, see add	litional information	on/clinical score shee	t.
Diagnostic samples taken?		N			
UNI/REG only - if unable to carr	ry out intended visit detai	il reason below:			

Registered breeding facility for Zebrafish

Myxidium (parasite) in stock at the moment. Sub-clinical infection detected by PCR and histology. Will not be treating.

The dead fish are bagged, then frozen then sent for incineration.

Some fish fed brine shrimp which are bred on site.

Experiments conducted analysing the regeneration of various body parts such as heart, spinal cord and nerves.

Site not holding susceptible species so surveillance frequency is low

FHI 059, Version 11			Issu	ed by: FHI			Date of issue	e: 12/09/2017	
Case No:	2018-0068		Site No:	FS1090					
Date of Visit:		14/03/2018	3		Inspector(s):	ASM		1	
Registration/Author 1. Business/site detai 2. Changes made to	ils summary		ite representa	tive?			Y N		
Site Details									
Total No facilities		3,500	Facilities sto	cked	2,300	No facilities	s inspected	3,500	
	Zebrafish								
Age group	0-2 years								
No Fish	60,000								
Mean Fish Wt	0-5g								
Next Fallow Date (Sit	e)	No plans		Next Input Da	ite (Site)	April 2018			
Recent (last 4 wks) d	isease probl	ems?		N	Any escapes	(since last v	visit)?	N	
Movement Records									
1. Movement records	available for	r inspection?						Y	
2. Date of last inspec		•					08/02/2017		
3. Are records comple	ete and corre	ectly entered?	?					Y	
4. Are movement rec	ords availabl	e for dead fis	sh and waste?					Y	
5. Are records comple		•						Y	
6. Are health certifica	tes for introd	luctions (outv	vith GB) availa	ıble?				Y	
Transport Records									
1. Are any movement		• •		•	•			Y	
Mortality Records	siii iii piace ii	or maintenan	ce of transpor	tation records	:				
Mortality records at the second at the		•			la sia svota d	on oite		Y	
2. How are mortalities If other detail:	s disposed o	l <u>(</u>			Incinerated -	on site			
3. Mortality records of	omplete and	correctly ent	ered?					Υ	
4. Recent mortality (la		concour, one		o unknown rea	sons				
5. Evidence of recent increased/atypical mortalities?									
If yes, facility nos/no		• •		reason:					
6. Any other peaks in	mortality du	ring period ch	necked?					N	
If yes, detail:	novaloiaed\ -	martalitica ba	on ronartad ta	vot or FUID				N/A	
7. Have increased (ull lf yes, detail action:	nexpiained) i	nortailles de	en reported to	vet of FHI?				IN/A	
8. Have 'mortality eve	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)?	N	
If yes, detail:		
If other, detail:		
2. Medicines records available for inspection?	N/A	
3. Are records complete and correctly entered?	N.	
4. Are fish in a withdrawal period?	N	
5. If yes, what treatment(s)? If other, detail:		
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?	Y	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y	
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?		
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y	
health status, certification if required)?		
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y	
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?		
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y	
aquaculture animals held on site?		
8. Have the biosecurity procedures been adequately implemented on site?		
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 1 00/00/47 45/00/40		

Case No:	2018-0068		Site No:	FS1090	
Sea Lice Inspection (and 1. Has the site experies	Seawater Sites Only) nced sea lice problems	n the previous 4 years?			
•	•	uivalent) fallowed synchror	nously on a single ye	ear class basis?	
azamethiphos and ema	amectin benzoate) as w in a reasonable period cumented farm manage	nced in-feed and bath sea I ell as access to suitable bio of time? ment agreement or stateme	ological and/or mecl	hanical control measure	s, and
•	·	ection? (Legal SSI, CoGP A	Annex 6)		
	·	tandard specified in the SS	•	egal SSI, CoGP Annex	6)
7. Are sea lice (<i>L. salm</i> records are inspected?		w the suggested criteria for	treatment in the Co	oGP during the period th	nat
8. Have average adult records are inspected?		onis) numbers per fish bee	n at a level of 3 or a	above during the period	that
If yes, have these beer	reported to the Fish He	ealth Inspectorate? If no, Fh	Il see comment.		
9. Is C. elongatus infes	station at a level which is	s considered to cause signi	ficant welfare proble	ems? (CoGP 4.3.81, 5.3	3.50)
		ered or other actions taken ongatus is considered to ha			
11. Has any other action	on been taken (where ap	plicable)?			
12. Have therapeutic tr	reatments or the actions	taken had a significant imp	act upon the lice lev	vels recorded?	
		out in cooperation between there fewer populations or p	•		for
	ific written lice manager scalation of a sea lice in	nent procedure with waypoi estation?	nts describing set a	ctions to deal with reco	gnised
16. Does the stock on reasons.	site appear satisfactory	n relation to sea lice level a	and sea lice count d	ata? If no please detail	
Containment Inspecti					N
•	• • •	e due to predators in the cu		•	N
Site inside	ce to miligate against th	e predation experienced or	i site? (Detail below)	Ť
If other, detail below:					
ii otilei, detail below.					
If Yes proceed with que	ents or events been expensions 4 – 9. If No skip poorted to Scottish Minist	•	of the site since the	e last FHI inspection?	N
5. Have these been rep	ported to local DSFB for	:hwith (where they exist)? (CoGP - 4.4.37, 5.4	.17)	
		local fisheries trusts forthw			.17)
7. Were methods (if an	y) used to recover esca	pees? If yes give detail			
		eed with local wild fish inte	rests and was perm	ission given by Scottish	
Ministers? (Legal, CoG	·				
	•	ise the risk of further escap	oes? (Not covered in	n code but could	
	r satisfactory measure		-1 1 : "	(-)	
To. Is the site inspected	a as satisfactory with re	gards to containment? If no	, please detail reasc	on(s)	

Date of issue: 12/09/2017

Case No:	2018-0068			Date of visit:	14/03/2018			
Site No:	FS1090	l		Inspector:	ASM	l		
Results Summary	Freq.	Date of Notification						
		Database	Insp		Insp	Writing	Insp	2 nd Insp
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	ĺ							
D								
Report Summary	D :		nd .					
Case Type ECI, CNI	Date	Insp	2 nd Insp					
ECI, CNI	28/03/2018	ASM	AJW					
	1							
	1		 					
			1					





Edinburgh University
The Queens Medical Research Institute
47 Little France Crescent
Edinburgh
EH16 4TJ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0418 Date of Visit 15/03/2018

SITE NO FS1090 SITE NAME University of Edinburgh

Fish Facility

INSPECTOR Andy Mayes **CASE No** 20180068

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.

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 28/03/2018
Fish Health Inspector

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0069			Date of visit: 15/03/2018
Time spent on site:	1 hour	Main Insp	pector: ASM
Site No: FS0832 Business No: FB0555	Site Name: Business Name:	Moffat Fishery (Farm Site) Moffat Fishery (Farm)	
Case Types: 1 ECI	2 CNI 3	4 5	6
Water Temp (°C): 5	Thermometer No:	T172	FHI 045 completed
Observations:	Region: DG	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 i	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detail	I reason below:	

Farm used to stock put and take fishery located next to the site. Water flows from a spring into two fishery ponds then the farm (gravity fed). Fishery mainly used to attract visitors that feed the fish.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0069]	Site No:	FS0832	2			
Date of Visit:		15/03/201	8		Inspector(s):	ASM]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N	
Site Details								
Total No facilities		5	Facilities sto	cked	2	No facilitie	es inspected	5
Species	TRO	RTR						
Age group	2017	2017						
No Fish	320	100						
Mean Fish Wt	450g	600g						
Next Fallow Date (Si	ite)	No plans		Next Input Da	ate (Site)	No plans		
Recent (last 4 wks) of the second (last 4 wks) o	disease probl	ems?		N	Any escapes	s (since last	visit)?	N
Movement Records								V
1. Movement records		r inspection?					40/40/0045	Y
2. Date of last inspect3. Are records comp		catly antored					10/12/2015	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 syst		• ,		•	~ .			Y
Mortality Records								
Mortality records a	available for i	nspection?						N
2. How are mortalitie		•			Domestic wa	aste - <25kg]	
If other detail:								
3. Mortality records of	•	correctly en						N
4. Recent mortality (•		1: no signs o	of disease				
5. Evidence of recen		•		,				N
If yes, facility nos/no	mortality per	facility/no st	ock per racility	/reason:				
6. Any other peaks in	n mortality du	rina period c	hecked?					N
If yes, detail:		31						
7. Have increased (u	nexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FH	I? If no, add M	IRT case and e	enter on morta	ality events :	sheet.	N/A

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	N/A
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	N/A
-	
Biosecurity Records	
4. Diagonurity records available for inspection?	V
Biosecurity records available for inspection? Healths mapper and frequency of martelity removal, recording and sefe dispessal been considered?	Υ V
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?	V
increased (unexplained) mortality at the site been included:	•
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and <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)?	
Tiodian oldido, ooranoadon in roquirou).	
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: 10/12/15 - 15/03/18	

FHI 059, Version 11		Issued by: FHI			Date	of issue	e: 12/09/2017
Case Number:	2018-0069		Site No:	FS0832		Insp:	ASM
Date of Visit	15/03/2018		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	
with GB) of susceptible species		novements on from equivalent zone or	_		40		
species	· ·	ncluding third country	0		18	26	
	Number of sup	pilers	0	5		14	0
Movements off	Frequency of m		0				10
	Number of des		0			10	3
Exposure via water	le · · ·	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	•	0				0
susceptible to same diseases)	farms upstream	or in a coastal zone with category I n or within 1 tidal excursion	1	2	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	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		О
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
and raide of the directive	Processing own	n fish (re-cycling risk)	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	esses with other farms	3				
	Collection point	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	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		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				l i
				•	Tatal		
					Total Rank		LOW

Case No:	2018-0069		Site No:	FS0832	
Sea Lice Inspection (and 1. Has the site experies	Seawater Sites Only) nced sea lice problems in	the previous 4 years?			
•	Ianagement Area (or equi		ronously on a single	year class basis?	
azamethiphos and ema	access to a range of licent amectin benzoate) as we in a reasonable period of cumented farm managem	II as access to suitable time?	biological and/or med	chanical control measur	res, and
	ecords available for inspec	ction? (Legal SSI, CoG	P Annex 6)		
	ely reflect the required sta		·	Legal SSI, CoGP Annex	x 6)
7. Are sea lice (<i>L. salm</i> records are inspected?	nonis) record levels below (CoGP Annex 6)	the suggested criteria	for treatment in the C	CoGP during the period	that
8. Have average adult records are inspected?	female sea lice (<i>L. salmo</i>	nis) numbers per fish b	peen at a level of 3 or	above during the period	d that
If yes, have these beer	reported to the Fish Hea	Ith Inspectorate? If no,	FHI see comment.		
9. Is C. elongatus infes	station at a level which is	considered to cause si	gnificant welfare prob	lems? (CoGP 4.3.81, 5.	.3.50)
	reatments been administer reatment or where <i>C. elor</i>				
11. Has any other action	on been taken (where app	licable)?			
12. Have therapeutic tr	eatments or the actions to	aken had a significant i	mpact upon the lice le	evels recorded?	
	ere conducted, carried oung strategy for the site, wh	•			t for
	ific written lice manageme scalation of a sea lice infe		points describing set	actions to deal with rec	ognised
16. Does the stock on reasons.	site appear satisfactory in	relation to sea lice lev	el and sea lice count	data? If no please detai	il
Containment Inspecti	ion				
1. Has the site experie	nced equipment damage	due to predators in the	current or previous p	roduction cycles?	N
2. Are measures in pla	ce to mitigate against the	predation experienced	on site? (Detail below	v)	Υ
Site inside					
If other, detail below:					
If Yes proceed with que	ents or events been experi estions 4 – 9. If No skip to ported to Scottish Minister	question 10	nity of the site since th	ne last FHI inspection?	N
5. Have these been rep	ported to local DSFB forth	with (where they exist)	? (CoGP – 4.4.37, 5.	4.17)	
6. Have these been rep	ported to the SSPO and lo	ocal fisheries trusts fort	hwith (where they exis	st)? (CoGP – 4.4.37, 5.4	4.17)
7. Were methods (if an	y) used to recover escape	ees? If yes give detail			
	oyed was this action agre	ed with local wild fish in	nterests and was pern	nission given by Scottis	h
Ministers? (Legal, CoG	·				
	en to prevent and minimis		capes? (Not covered	in code but could	
	r satisfactory measures	· · · · · · · · · · · · · · · · · · ·			
10. Is the site inspecte	d as satisfactory with rega	ards to containment? If	no, please detail reas	son(s)	Υ

Date of issue: 12/09/2017

Case No:	2018-0069			Date of visit	: 15/03/2018	В			
Site No:	FS0832	1		Inspector	: ASM	1			
Results Summary	Freq.	Database	Insp	Phone	ate of Notifica	Writing	Insp	2 nd Insp	
		Databass	ПОР	110110	пор	TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	ПОР	Z IIISP	
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				1					
				_					
Report Summary									
Case Type	Date	Insp	2 nd Insp						
Case Type ECI, CNI Case completion	28/03/2018	ASM	AJW						
Case completion	13/04/2018	ASM	ALW	_					
				_					
				4					
				4					
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	+								





Moffat Fishery (Farm)
The Green Frog
Hammerlands
Moffat
DG10 9QL

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

DATE OF VISIT 15/03/2018

SITE NAME Moffat Fishery (Farm Site)

BUSINESS NO FB0555 SITE NO FS0832

INSPECTOR Andy Mayes Case No 20180069

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 not available for inspection

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

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

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

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

In accordance with regulation 6(2)(a)(ii)-(iv) of the Aquatic Animal Health (Scotland) Regulations 2009, the operator of the aquaculture production business (APB) must make available for the inspection upon request by an inspector, a records of i. the number of any aquaculture animals that have died in each epidemiological unit (each individual holding facility) at each farm site. This record must include information on the number of mortalities removed, the date of the removal and identification of the

The record under this regulation must be retained by the operator of the APB for a period of 4 years from the date of the last entry.

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

epidemiological unit that the mortalities were removed from.

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 assistance or clarification in implementing any requirement or recommendation detailed in this report.

Signed: Date: 28/03/2018
Fish Health Inspector





Moffat Fishery (Farm) The Green Frog Hammerlands Moffat DG10 9QL

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0555 **DATE OF VISIT** 15/03/2018

SITE No FS0832 SITE NAME Moffat Fishery (Farm Site)

INSPECTOR Andy Mayes Case No 20180069

Case completion report

Issues were raised in relation to the above case, with a requirement for records unavailable for inspection to be submitted by 07/05/18. The required records have now been provided to Marine Scotland.

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: 13/04/2018

Fish Health Inspector

FHI 059, Version 11	Is	ssued by: FHI	Date of issue: 12/09/201
Case No: 2018-0070			Date of visit: 15/03/2018
Time spent on site:	1 hour	Main I	nspector: ASM
Site No: FS0102 Business No: FB0067	Site Name: Business Name:	Moffat Water Selcoth Fisheries Ltd	
Case Types: 1 ECI	2 CNI 3	4 5	6
Water Temp (°C): 4.3	Thermometer No:	T172	FHI 045 completed
Observations:	Region: DG	Water type: F	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?		N If yes, see addition	nal information/clinical score sheet. nal information/clinical score sheet. nal information/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detail r	reason below:	

All fish on site now triploid.

Hatchery part of the site is inside. Some ponds are outside and these have a bird cover to reduce predation from piscivorous birds

No ponds frozen due to recent cold weather. Increased water level due to melt water but no risk of flooding.

All inputs from Denmark

Small numbers of fish are sent to Heriot Watt for experiments.

Fish grown to about 100g then sent up the track to New Farm (also run by Selcoth Fisheries)

FHI 059, Version 11			ls:	sued by: FHI			Date of issue	e: 12/09/2017
Case No:	2018-0070		Site No:	FS0102	2			
Date of Visit:		15/03/20)18		Inspector(s):	: ASM		1
Registration/Authornal 1. Business/site detaction 2. Changes made to	tails summary		y site represer	ntative?			Y N	
Site Details								
Total No facilities		12	Facilities s	stocked	11	No facilities	s inspected	12
Species	RTR	RTR	RTR	RTR				
Age group	2017	2017	2017	2017				
No Fish	174,857	60,065	106,430	174,807				
Mean Fish Wt	1.1g	2.4g	93g	43g				
Next Fallow Date (S	Site)	No plans		Next Input Da	ate (Site)	April 2018		
Recent (last 4 wks) If yes, detail:	disease prot	olems?		ľ	N Any escapes	s (since last v	visit)?	N
Movement Record	e							
Movement record		or inspectio	n?					Y
2. Date of last inspe		Ji mop 3					22/11/2017	
3. Are records comp		rectly entere	ed?					Y
4. Are movement re				e?				N/A
5. Are records comp		•						N/A
6. Are health certific	ates for intro	ductions (or	utwith GB) ava	ailable?				Y
Transport Records	5							
1. Are any movemen	nts carried o	ut by (or on	behalf) of the	business (not us	sing a STB)?			Y
If yes, is there a sys		• '	•	•				Y
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortalitie		•			Incinerated -	on site		
If other detail:								
3. Mortality records	•	d correctly e						Y
4. Recent mortality	` '		_	known reasons				N
5. Evidence of recer If yes, facility nos/no		• •		ity/reason:				N
ii yoo, raomey rice, iii	/ Hiortanty po	1 Idollity/110	Stook por rac	tyriodosiii				
6. Any other peaks i	in mortality d	uring period	checked?					N
If yes, detail:								
7. Have increased (•	mortalities	been reported	to vet or FHI?				N/A
If yes, detail action:		reported to E	TUD If no odd	MPT case and	antar an mart	ality ayanta al	hoot	N/A
8. Have 'mortality ev	rents been in	eponed to r	HI? II No, aud	IVIR I Case and	enter on more	ality events si	neet.	11/7

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: 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?		N
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
Biosecurity records available for inspection?		Y
2. Has the manner and frequency of mortality removal, recording	•	Y
3. Has the manner and period in which the APB will notify Scott	ish 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 present	e or suspicion of the presence of a listed disease	Y
is detected been included and how and when that will be notified	ed to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked of health status, certification if required)?	on the farm site been covered (equal or higher	Y
6. Have the husbandry and biosecurity measures implemented	between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visite	ors, 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 implement If no, detail:	ed on site?	Y
ii iio, detaii.		
Results of Surveillance		
1. Has any animal health surveillance been carried out by, or or	behalf of, the business?	Y
2. If yes, are results available for inspection?		Y
3. Any significant results?		N
If yes, detail (if not detailed under recent disease problems).		
_		

Records checked between: 22/11/17 - 15/03/18

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017
Case Number:	2018-0070		Site No:	FS0102		Insp:	ASM
Date of Visit	15/03/2018		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	5
with GB) of susceptible species		novements on from equivalent zone or	0		40	00	
species	compartment in Number of supp	ncluding third country	0		18 10	26 14	5
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	, <u> </u>	I -3	0-10		
farms (holding species	disinfection or b		0				0
susceptible to same	Farm is on-line or in a coastal zone with category I			0	4		
diseases)	farms upstream or within 1 tidal excursion Farm is on-line or in a coastal zone with category III			2	4		-
	farms upstream	1	3	6			
		or in a coastal zone with category V					
	farms upstream	or within 1 tidal excursion	1	4	8		
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				Н
	Processing fish	from MS of equivalent status	2				-
		from zone or compartment of	_				-
	equivalent statu	us .	4				\Box
		from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	te only processed.	0]			
products	Common proce	esses with other farms	3	1			3
	Collection point	t for waste from other farms	5				
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 st	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0	1			
between sites, use of footbaths etc	No		1				H
			<u>'</u>	J			
CoGP/Regulator Practices in accordance	Yes			1			
with regulator or industry	No		0				${f o}$
code of practice	140		3	J.			3
Platform access to cages	Yes		0				0
	No		2				┝─┤
				J			
					Total		31
					Rank		HIGH

Case No:	2018-0070		Site No:	FS0102	
Sea Lice Inspection (3	Seawater Sites Only) nced sea lice problems in tl	ne previous 4 years?			
2. Is the CoGP Farm M	lanagement Area (or equiva	alent) fallowed synchronously	on a single y	ear class basis?	
azamethiphos and ema	amectin benzoate) as well in a reasonable period of tournented farm management	d in-feed and bath sea lice meas access to suitable biological ime? nt agreement or statement rele	l and/or mec	hanical control measu	res, and
•	·	on? (Legal SSI, CoGP Annex 6	3)		
		dard specified in the SSI and th	•	egal SSI, CoGP Anne	x 6)
7. Are sea lice (<i>L. salm</i> records are inspected?		he suggested criteria for treatm	ent in the C	oGP during the period	that
8. Have average adult records are inspected?		s) numbers per fish been at a l	evel of 3 or a	above during the perio	d that
If yes, have these beer	reported to the Fish Healt	n Inspectorate? If no, FHI see of	comment.		
9. Is C. elongatus infes	station at a level which is co	onsidered to cause significant w	velfare probl	ems? (CoGP 4.3.81, 5	.3.50)
		ed or other actions taken when atus is considered to have wel			
11. Has any other action	on been taken (where applic	cable)?			
12. Have therapeutic tr	eatments or the actions tak	en had a significant impact upo	on the lice le	vels recorded?	
13. Are treatments, wh	ere conducted, carried out	in cooperation between particip	oating farms?	?	
sea lice?	-	e fewer populations or part pop			
	ific written lice managemer scalation of a sea lice infest	t procedure with waypoints des ation?	scribing set a	actions to deal with rec	ognised
16. Does the stock on streasons.	site appear satisfactory in r	elation to sea lice level and sea	a lice count o	data? If no please deta	il
Containment Inspecti	ion				
•		ue to predators in the current or	r previous pr	oduction cycles?	Y
2. Are measures in pla	ce to mitigate against the p	redation experienced on site? (Detail below	v)	Y
Electric Fence, Site i	nside, Traps				
If other, detail below:					
0.11			*		N
·		nced on or in the vicinity of the	site since th	e last FHI inspection?	IV
•	estions $4 - 9$. If No skip to corted to Scottish Ministers				
4. nave these been rep	Dorted to Scottish Milhisters	!			
5. Have these been rep	ported to local DSFB forthw	ith (where they exist)? (CoGP -	- 4.4.37, 5.4	1.17)	
6. Have these been rep	ported to the SSPO and loc	al fisheries trusts forthwith (who	ere they exis	et)? (CoGP – 4.4.37, 5.	4.17)
7. Were methods (if an	y) used to recover escapee	es? If yes give detail			
8. If gill nets were deple	oyed was this action agreed	d with local wild fish interests ar	nd was perm	nission given by Scottis	sh
Ministers? (Legal, CoG	SP – 4.4.38, 5.4.18)				
		the risk of further escapes? (N	lot covered i	n code but could	
	r satisfactory measures o				
10. Is the site inspecte	d as satisfactory with regar	ds to containment? If no, please	e detail reas	on(s)	Υ

Date of issue: 12/09/2017

Case No:	2018-0070	Date of visit: 15/03/2018						
Site No:	FS0102	l		Inspector:	ASM	l		
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp		Insp	Writing	Insp	2 nd Insp
	1							
	1							
D				1				
Report Summary	D :		nd					
Case Type ECI, CNI	Date	Insp	2 nd Insp					
ECI, CNI	28/03/2018	AJW	ASM					
	1							
	f							





Selcoth Fisheries Ltd Selcoth Moffat Dumfriesshire DG10 9LG

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0067Date of Visit 15/03/2018Site NoFS0102Site NameMoffat WaterInspectorAndy MayesCase No20180070

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 28/03/2018
Fish Health Inspector

FHI 059, Version 11		Issued by: FHI		Date of	f issue: 12/09/201
Case No: 2018-0071				Date of visit:	15/03/2018
Time spent on site:	1 hour	N	Main Inspecto	r: [ASM
Site No: FS0680 Business No: FB0067	Site Name: Business Name:	New Farm Selcoth Fisheries	Ltd		
Ducinicos III.		Colocar Figure 1	Eta		
Case Types: 1 ECI	2 CNI 3	4	5	6	
Water Temp (°C): 4.5	Thermometer No:	T172		FHI 045 compl	leted
Observations:	Region: DG	Water type:	F	CoGP MA:	
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	-	N If yes, see ac	dditional inforr	mation/clinical semation/clinical semation/clini	core sheet.
UNI/REG only - if unable to carry	y out intended visit detai	il reason below:			

Only stocked with fish from Moffat Water.

Mainly sold for marine and freshwater sites before table. About 15% are sold for restocking fisheries.

Under going major overhaul at time of inspection to reduce flooding risk in the future.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0071		Site No:	FS0680	,			
Date of Visit:		15/03/2018	3		Inspector(s):	ASM		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N]
Site Details								
Total No facilities		15	Facilities sto	cked	5	No facilitie	es inspected	15
Species	RTR	RTR						
Age group	2017	2016						
No Fish	64,951	40,125						
Mean Fish Wt	123g	308g						
Next Fallow Date (S	ite)	No plans		Next Input Da	ite (Site)	05/04/18		
Recent (last 4 wks) disease problems? N Any escapes (since last visit)? N If yes, detail:								N
Movement Records	s							
 Movement record Date of last inspec 	ds available fo	·					22/11/2017	Y
3. Are records comp		•						Y
4. Are movement red								N/A N/A
5. Are records comp6. Are health certification		•		able?				N/A N/A
Transport Records								
1. Are any movemen								Y
If yes, is there a syst	tem in place	for maintenan	ce of transpor	tation records				1
Mortality Records								
Mortality records a	available for	inspection?						Y
2. How are mortalities		•			Incinerated -	on site		
If other detail:								
3. Mortality records of	•	d correctly ent						Y
4. Recent mortality (`			known causes				
5. Evidence of recen		• •						N
If yes, facility nos/no	mortality per	r facility/no sto	ock per facility/	reason:				
6. Any other peaks in	n mortality di	uring period c	necked?					N
If yes, detail:	Il Illorianty ac	aning penda of	ieckeu:					
7. Have increased (u	unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	eported to FHI	? If no, add M	RT case and ϵ	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)?		N

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:		V
6. Are medicines stored appropriately?		,
Biosecurity Records		
Biosecurity records available for inspection?		Y
2. Has the manner and frequency of mortality removal, record	ling and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Sco	·	
increased (unexplained) mortality at the site been included?	, i	Y
4. Has the action that will be taken in the event that the prese	·	Y
is detected been included and how and when that will be not		
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 implemente	d between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, vis	itors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place	e to maintain the physical containment of	Y
aquaculture animals held on site?		
8. Have the biosecurity procedures been adequately impleme	nted on site?	Y
If no, detail:		
Results of Surveillance		
1. Has any animal health surveillance been carried out by, or	on behalf of, the business?	Y
2. If yes, are results available for inspection?		Y
3. Any significant results?		N
If yes, detail (if not detailed under recent disease problems).		

Records checked between: 22/11/17 - 15/03/18

FHI 059, Version 11		Issued by: FHI				Date	of issue	: 12/09/2017
Case Number:	2018-0071			Site No:	FS0680		Insp:	ASM
Date of Visit	15/03/2018			No of movements/supp./dest.				Score
Live fish movements				0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	3	0	5	10	14	\Box
with GB) of susceptible species	Frequency of movements on from equivalent zone or			0	9	18	26	
	Number of sup	ncluding third country		0	5	10	14	\vdash
Movements off	Frequency of m			0		6	10	10
wovernents on	Number of des			0	3	6	10	6
Exposure via water	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				0
susceptible to same diseases)	farms upstrean	or in a coastal zone with categor n or within 1 tidal excursion		1	2	4		
	farms upstrean	or in a coastal zone with category or within 1 tidal excursion		1	3	6		
		or in a coastal zone with category n or within 1 tidal excursion	y V	1	4	8		ш
Management practices				None	Secure	Unsecure		
Water contacts with processors	Any processing	gplant discharging into adjacent w	vaters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	•		0				
	Processing own	n fish (re-cycling risk)		1				1
	Processing fish	from MS of equivalent status		2				
	equivalent stati			4				
		from Category III farm		8				
	Processing fish	from Category V farm		10				
Disposal of fish and fish by-	Site's own was	te only processed.		0				
products	Common proce	esses with other farms		3				3
	Collection poin	t for waste from other farms		5				-
Use of unpasteurised feeds	No feeding of u	inpasteurised feed		0				0
·	Feeding unpas	•		5				H
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 with regulator or industry	Yes			0				
code of practice	No			3				3
Platform access to cages	Yes			0				0
	No			2				
						Total Rank		25 MEDIUM

Case No:	2018-0071		5	Site No:	FS0680		
Sea Lice Inspection (and 1. Has the site experies	Seawater Sites Only) nced sea lice problems in	the previous 4 years	;?			Г	
•	Ianagement Area (or equi			a single y	ear class basis?		
azamethiphos and ema	access to a range of licence amectin benzoate) as we in a reasonable period of cumented farm managem	I as access to suitab time?	le biological a	nd/or mecl	hanical control mea	asures, and	
•	ecords available for inspec	ction? (Legal SSI, Co	GP Annex 6)			Г	
	ely reflect the required sta			CoGP? (L	egal SSI, CoGP Ar	nnex 6)	
7. Are sea lice (<i>L. salm</i> records are inspected?	nonis) record levels below (CoGP Annex 6)	the suggested criter	ia for treatmer	nt in the Co	oGP during the per	iod that	
8. Have average adult records are inspected?	female sea lice (<i>L. salmo</i>	nis) numbers per fish	n been at a lev	el of 3 or a	above during the pe	eriod that	
If yes, have these beer	reported to the Fish Hea	Ith Inspectorate? If n	o, FHI see cor	mment.		Ī	
9. Is C. elongatus infes	station at a level which is	considered to cause	significant wel	fare proble	ems? (CoGP 4.3.8°	1, 5.3.50)	
	reatments been administer reatment or where <i>C. elor</i>						
11. Has any other action	on been taken (where app	licable)?				Г	
12. Have therapeutic tr	eatments or the actions to	aken had a significan	t impact upon	the lice le	vels recorded?		
13. Are treatments, wh	ere conducted, carried ou	t in cooperation betw	een participati	ing farms?	•		
sea lice?	ig strategy for the site, wh						
	ific written lice manageme scalation of a sea lice infe		aypoints descr	ibing set a	actions to deal with	recognised	
16. Does the stock on reasons.	site appear satisfactory in	relation to sea lice le	evel and sea li	ce count d	lata? If no please d	letail	
Containment Inspecti	ion						
•	nced equipment damage	due to predators in th	ne current or p	revious pr	oduction cycles?	1	N
2. Are measures in pla	ce to mitigate against the	predation experience	ed on site? (De	etail below)	7	Y
Electric Fence, Top I	Nets, Traps						
If other, detail below:							
·	ents or events been experi		cinity of the sit	e since the	e last FHI inspection	on?	N
•	ported to Scottish Minister	•					
5. Have these been rep	ported to local DSFB forth	with (where they exis	st)? (CoGP – 4	4.4.37, 5.4	.17)	Г	
6. Have these been rep	ported to the SSPO and lo	ocal fisheries trusts fo	orthwith (where	they exis	t)? (CoGP – 4.4.37	', 5.4.17)	
7. Were methods (if an	y) used to recover escape	ees? If yes give detai	il				
	oyed was this action agre	ed with local wild fish	interests and	was perm	ission given by Sco	ottish	
Ministers? (Legal, CoG	·	- 41	0 (1)				
	en to prevent and minimis		escapes? (Not	covered in	n code but could		
	r satisfactory measures d as satisfactory with rega	· · · · · · · · · · · · · · · · · · ·	If no please o	letail reac	on(s)		Y
To. 13 the site inspected	a as satisfactory with rega	indo to containment?	ii iio, piease c	istali itast	OH(3)		•

Date of issue: 12/09/2017

Case No:	2018-0071			Date of visit:	15/03/2018				
O". N				·					
Site No:	FS0680			Inspector: ASM					
Results Summary	Freq.			Date of Notification					
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
Report Summary									
Case Type	Date	Insp	2 nd Insp						
ECI, CNI	28/03/2018	ASM	AJW						





Selcoth Fisheries Ltd Selcoth Moffat Dumfriesshire DG10 9LG

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0067
 DATE OF VISIT 15/03/2018

 SITE NO
 FS0680
 SITE NAME
 New Farm

 INSPECTOR
 Andy Mayes
 CASE NO
 20180071

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.

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 28/03/2018
Fish Health Inspector

FHI 059, Version 11		Issued by: FHI		Date of issu	ue: 12/09/2017	
Case No: 2018-0074				Date of visit: 12/	/03/2018	
Time spent on site:		Ma	in Inspector:	: AJW		
Site No: FS0877	Site Name:	Drimsallie Mill				
Business No: FB0379	Business Name:	River Lochy Associa	ation			
Case Types: 1 PSI 2	2 3	4 5		6		
Water Temp (°C):	Thermometer No:			FHI 045 completed	ı 🗀	
Observations:	Region: HI	Water type:	F	CoGP MA:		
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet.				
UNI/REG only - if unable to carry	out intended visit detail	reason below:				

Saprolegnia in brood fish although not a significant issue this year. Low mortality levels.

The smolts will be going out to the river in April. Garry smolts will be going into the Ness system and were health checked prior to stocking by MH health team. No significant findings.

Looking to move away from stocking out smolts to mainly eyed ova.

This year wild brood fish were captured in Oct/Nov, stripped Dec/Jan and will release eyed ova.

Future plan is to collect smolts from the wild and grow them to maturation possibly at Ardnish then stock the mature fish into the river where they will spawn naturally.

No vaccination carried out at site .

FHI 059, Version 11		Issued by: FHI			Date	of issue	e: 12/09/2017
Case Number:	2018-0074		Site No:	FS0877		Insp:	AJW
Date of Visit	12/03/2018		No of movements/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				
NA							
Movements off	Frequency of m		0				3
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		1
·		or in a coastal zone with category III					
	farms upstream	1	3	6			
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
	Tarris apstream	Tot Within Filadi executation	'		ı		
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				0
the rules of the directive	Processing own	n fish (re-cycling risk)	1				0
	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	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				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator			'	ı			
Practices in accordance	Yes		0				
with regulator or industry	No		0				
code of practice			3	J			J3
Platform access to cages	Yes		0				0
	No		2				
					Total		10
					Rank		LOW

FHI 059, Version		Issued by: FHI			Date of iss	ue: 12/09/2017			
Case No:	2018-0074 Site No:			FS0877					
Date of case:	te of case: 12/03/2018 Inspector(s): AJW								
Business/site c	ontacts correct	? (if no upda	te site summ	ary sheet)			Y		
Site Details									
Total No faciliti	es	30	No facilities	stocked	15	1			
Species	sal	sal	sal	sal					
	captive	pre-smolts	ova- Lochy	ova - Garry					
Age group	brood, Garry and Lochy								
No Fish	420	50,000	45000	25000	 				
Mean Fish Wt	1kg	60g	<0.1g	<0.1g					
Next Fallow Da	ite (Site)	none planed		Next Input D	Date (Site)	not known			
Date of last inspection: (ECI or PSI) 17/02/2016									
Any recent incr	eased or atypic	ral mortalities	? (last 4 wee	- ake)			N		
If yes, detail:	cased of atypic	ai mortantico	i (last + wee	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
e.g. site									
average, max									
per cage									
Any increased	mortalities? (si	nce last inspe	ection.)				N		
If yes, detail:	,	·	,						
							Incinerated -		
How are morta	lities disposed	of?					on site		
If other detail:									
Any treatments	? (since last in	spection)		_		_	Y		
If yes, detail: Formalin Other: salt baths and anaesthetic; phenoxyethanol looking to switch to clove oil.									
Other:	salt baths and	anaesthetic;	phenoxyetha	anol looking t	o switch to clov	/e oil.			
Any disease on site? (since last inspection)									
If yes, detail:	saprolegnia								
Has any animal health surveillance or diagnostic investigations been carried out by, or on behalf									
of, the business?									
Any significant If yes, detail	results?						IN		
				,			NI/A		
Is there a histo If yes, detail:	ry of sea lice is:	sues at the s	ite in previou	s 4 years			N/A		
Has site been a	able to keep lice	e levels belov	v the recomn	nended lice le	evels?		N/A		
If no, detail:									
Treatment disc	harge for sea li	ce in place?		1		1	N/A		
If yes, detail:				J					
Where sea lice treatments have been administered have they had an effect?									
If no, detail:									
Is a manageme	ent area agreer	nent in place	?				N/A		
Does your CoGP Farm management area fallow in synchrony?									
Any reported escapes? (check prior to phone call)									
Any escapes? (since last inspection) N/A									

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

If yes, detail: (include date)		
Any significant	changes to your biosecurity procedures since previous visit?	N
If yes, detail:		

Case No:	2018-0074			Date of visit:	12/03/2018			
Site No:	FS0877	Inspector: AJW						
Results Summary	Freq.			Da	te of Notifica	tion		
,		Database	Insp		Insp	Writing	Insp	2 nd Insp
Report Summary								
Coop Tyres	Data	laan	and .					
Case Type PSI	Date	Insp	2 nd Insp					
731	14/03/2018	AJVV	DCB					
	1							
	f							
	1							





River Lochy Association Fuaim Na Mara Morar Inverness-shire PH40 4PD

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0379Date of Case12/03/2018Site NoFS0877Site NameDrimsallie MillInspectorAmanda WalkerCase No20180074

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 third 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.

Date: 14/03/2018

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		Issued by: FHI	Date of issue: 12/09/201
Case No: 2018-0075			Date of visit: 08/03/2018
Time spent on site:	1 hour	Main	Inspector: WJM
Site No: SS0839	Site Name:	Whitesness	
Business No: SB0372	Business Name:	Shetland Mussels Ltd	
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA:
Dead/weak/abnormally behavi	ng fish present?	N If yes, see additio	nal information/clinical score sheet.
Clinical signs of disease obser	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 ca	rry out intended visit deta	ail reason below:	

Site was reseeded 2017. 5 of the 6 lines currently stocked but 2 of those only have 30 - 40% of stock on them. Imports from Ireland still appear to be weaker than locally grown spat. No evidence of fouling on the shells.

FHI 059, Version 11			Issu	ued by: FHI			Date of issu	ıe: 12/09/2017
Case No:	2018-0075		Site No:	SS0839	9			
Date of Visit:		08/03/2018	3		Inspector(s):	: WJM		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	}
Site Details								
Total No facilities		6	Facilities sto	cked	5	No facilitie	es inspected	6
Species	MED							
Age group No Fish	2017							
	100 tonnes juveniles							
Mean Fish Wt	'	fallow		Next Input D	(0:40)	- roing		
Next Fallow Date (S	ite)	never fallow		Next Input Da	ate (Site)	ongoing		
Recent (last 4 wks) of the second (last 4 wks) o	disease probl	ems?		N	N Any escapes	s (since last	visit)?	N/A
Movement Records	S							
1. Movement record		r inspection?						Y
2. Date of last inspec							28/08/2017	
3. Are records comp	olete and corre	•						Y
4. Are movement rec								N/A
5. Are records comp		•						N/A
6. Are health certification	ates for introd	luctions (outw	ith GB) availa	able?				N/A
Transport Records								
1. Are any movement If yes, is there a syst								
Mortality Records								
Mortality records a	available for i	nspection?						Y
2. How are mortalities	es disposed o	of?			Other (detail))		
If other detail:	Empty shells							
3. Mortality records of	•							N/A
4. Recent mortality (`	l.	No observed	I mortality				, NI
5. Evidence of recent		• •		/				N
If yes, facility nos/no	mortality per	facility/no sto	ck per racility/	/reason:				
6. Any other peaks in	n mortality du	ring period ch	necked?					N/A
If yes, detail:	,	Illig Form	loons a					
7. Have increased (u	•	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI'	? If no, add M	RT case and	enter on morta	ality events :	sheet.	N/A

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

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?	Υ
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)?	
C. Have the book and his and his accomity on a control of between a control or interest or it to reinimize	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.)?	
	N/A
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	14/7
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: 28/08/2017 - 08/03/2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0075 SS0839 Site No: Date of Visit WJM 08/03/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 0 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to OsHV (CGI) 0 3 0 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 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

Disinfection of equipment between sites, use of footbaths etc

Yes

0

Total Risk No

Case No:	2018-0075			Date of visit:	08/03/2018				
Site No:	SS0839	1	Inspector: WJM						
Results Summary	Freq.			Dat	te of Notificat	tion			
,		Database	Insp		Insp	Writing	Insp	2 nd Insp	
	1								
Report Summary									
Case Type	Date	Insp	2 nd Insp						
Case Type ECI	16/03/2018	WJM	PMM						





Shetland Mussels Ltd Vadlure Walls Shetland ZE2 9PF

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0372DATE OF VISIT08/03/2018SITE NOSS0839SITE NAMEWhitesnessINSPECTORWarren MurrayCASE NO20180075

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.

the 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

Date: 16/03/2018

FHI 059, Version 11		Issued by: FHI		Date of issue: 12/09/2017
Case No: 2018-0076				Date of visit: 08/03/2018
Time spent on site:	1 hour	N	/lain Inspector	: WJM
Site No: SS0563	Site Name:	East Of Linga (Va	ila Sound)	
Business No: SB0372	Business Name:	Shetland Mussels	Ltd	
Case Types: 1 ECI	2 3	4	5	6
Water Temp (°C):	Thermometer No:			FHI 045 completed
Observations:	Region: SH	Water type:	S	CoGP MA:
Dead/weak/abnormally behaving	ng fish present?	N If yes, see ad	lditional inforn	nation/clinical score sheet.
Clinical signs of disease observ	red?			nation/clinical score sheet.
Gross pathology observed?		N If yes, see ad	lditional inforn	nation/clinical score sheet.
Diagnostic samples taken?		N		
UNI/REG only - if unable to car	ry out intended visit deta	il reason below:		

Imports from Ireland still appear to be weaker than locally grown spat. Shells average 70mm. 4 out of 5 lines currently stocked with 25 - 30 bags worth per line. Shells looking clean.

FHI 059, Version 11			Issu	ued by: FHI			Date of issu	ie: 12/09/2017
Case No:	2018-0076		Site No:	SS0563	3			
Date of Visit:		08/03/2018	3		Inspector(s):	WJM		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N	}
Site Details								
Total No facilities		5	Facilities sto	cked	4	No facilitie	es inspected	5
Species	MED							
Age group No Fish	2017							
	4 Lines Juvenile							
Mean Fish Wt		rever follow		Next Input D	t- (Cita)	angoing		
Next Fallow Date (S	ite)	never fallow		Next Input Da	ate (Site)	ongoing		
Recent (last 4 wks) of the second (last 4 wks) o	disease probl	lems?		N	N Any escapes	s (since last	visit)?	N/A
Movement Records	s							
1. Movement record		or inspection?						Y
2. Date of last inspec	ection:						28/08/2017	
3. Are records comp		•						Y
4. Are movement red								N/A
5. Are records comp		•		11.0				N/A
6. Are health certification		ductions (outw	/ith GB) availa	able?				N/A
Transport Records								
1. Are any movement If yes, is there a systematical and the statement of the system of								
	letti iti piace i	Of Illamichan	Ce or transpor	Tallon records				
Mortality Records								
1. Mortality records a	available for i	inspection?						Y
2. How are mortalitie		•			Other (detail))		
If other detail:	Empty shells							
3. Mortality records of	•	•						N/A
4. Recent mortality (`		No observed	I mortality				N.I.
5. Evidence of recen		• •						N
If yes, facility nos/no	mortality per	facility/no sto	ck per racility	/reason:				
6. Any other peaks in	in mortality du	uring period cl	hecked?					N/A
If yes, detail:	Tilloria,	illig pener	iconca.					
7. Have increased (u	unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:	, ,		·					
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	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	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of	N/A
aquaculture animals held on site?	14/7
8. Have the biosecurity procedures been adequately implemented on site?	Υ
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: 28/08/2017 - 08/03/2018	

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0076 SS0563 Site No: Date of Visit WJM 08/03/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 0 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to OsHV (CGI) 0 3 0 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 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

Disinfection of equipment between sites, use of footbaths etc

Yes

0

Total Risk No

Case No:	2018-0076			Date of vis	sit: 08/03/20	018					
		_									
Site No:	SS0563 Inspector: WJM										
Results Summary	Freq.	Date of Notification									
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
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		_									
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								_			
Report Summary		_	1	7							
Cose Type	Date	Inon	ond I.s.s.s	4							
Case Type ECI	16/03/201	Insp	2 nd Insp PMM	-							
<u> </u>	10/03/201	O VVJIVI	PIVIIVI	-							
				┥							
				-							
				-							
		+		4							
			1								





Shetland Mussels Ltd Vadlure Walls Shetland ZE2 9PF

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0372 **DATE OF VISIT** 08/03/2018

SITE NO SS0563 SITE NAME East Of Linga (Vaila Sound)

INSPECTOR Warren Murray CASE No 20180076

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: 16/03/2018
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: 2018-0077			Date of visit: 14/03/2018
Time spent on site:		Main Inspecto	r: AJW
Site No: FS1286	Site Name:	Muck	
Business No: FB0119	Business Name:	Marine Harvest (Scotland) Ltd	
Case Types: 1 PSI 2	3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA: None
Dead/weak/abnormally behaving	•		mation/clinical score sheet.
Clinical signs of disease observed Gross pathology observed?	d?		mation/clinical score sheet. mation/clinical score sheet.
Diagnostic samples taken?		ii yes, see additional illion	Hation/climical score sneet.
UNI/REG only - if unable to carry	out intended visit detail rea	son below:	

The site will be harvested by end April and transported dead to PP. Will restock with fish from Inchmore in July 2018.

Current fish on site have been moved from Shuna Castle Bay and BDNC at 3.3kg on 6/10/17. They were treated with freshwater in the wellboat during transport. They were moved because they were performing poorly at Shuna and BDNC with cataract issues but have preformed well at Muck.

Site authorised for 10 cages. Currently has 5 as 5 were moved to the Barra site. Will be getting new cages for July input. Also looking to get lice skirts and lump fish. Currently lump fish stocked in two of the cages (from Otterferry). Not sure what they will to with lump fish on harvesting current stock.

Lice number; Treated 2 of the 5 cages with salmosan 15/12/18. Lice levels in these two cages had reached approximately 2 adult female average. These two cages had come from Shuna in October but had been FW treated during transport. No current issues with lice levels.

Morts; Currently low. Previous cycle preformed very well and the site was in the top 5 MH site for many areas including low morts - estimated loss of 6.9% for whole cycle. Morts ensiled on barge and ensiled material periodically removed by truck

FHI 059, Version 11		Issued by: FHI			Date of	of issue	: 12/09/201
Case Number:	2018-0077		Site No:	FS1286		Insp:	AJW
Date of Visit	14/03/2018		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			40	00	_
species	compartment in Number of supp	cluding third country	0		18 10	26 14	⊢
							<u></u>
Movements off	Frequency of m		0			10	0
-	Number of desi		0			10	
Exposure via water	Torm is protect	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	•	0				
susceptible to same diseases)		or in a coastal zone with category I or within 1 tidal excursion	1	2	4		1
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V					_
		or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				$\overline{}$
the fales 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	e 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	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 st	aff and equipment	0	1	2		0
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1				_
CoGP/Regulator							
Practices in accordance	Yes		0				
with regulator or industry code of practice	No		3				
Platform access to cages	Yes]			
i lationii access to cages	No		2				
	140		<u> </u>	J			
					Total		2
					Rank		LOW

FHI 059, Versio	on 11			Issued by: F	HI		Date of iss	sue: 12/09/2017
Case No:	2018-0077]	Site No:	FS1286	3			
Date of case:	14/03/2018]		Inspector(s):	AJW		
Business/site c	contacts correct	t? (if no updat	te site summ	nary sheet)			Y	
Site Details			1.			-		
Total No faciliti			No facilities	stocked	5			l .
Species	Sal	lumps						
Age group	2016 Q4	adult						
No Fish	125,000	5,000						
Mean Fish Wt		mixed						
Next Fallow Da	ate (Site)	April 2018		Next Input I	Date (Site)	July 2018		
Date of last ins	pection: (ECI c	or PSI)	27/07/2016	5				
Any recent incr	eased or atvoic	cal mortalities	? (last 4 wee	eks).			N	
If yes, detail:			. (
e.g. site								
average, max								
per cage								
Any increased	mortalities? (si	nce last inspe	ection.)				N	
If yes, detail:								
							Ensiled - on	
How are morta	lities disposed	of?					site	
If other detail:		<u> </u>						
								1 1
	? (since last in	spection)		_		_	Y	
If yes, detail:	Salmosan							
Other:								
Any disease or	n site? (since la	st inspection)					N	
If yes, detail:								
Has any anima	l boalth survoil	lance or diagr	noetic invocti	igations boon	carried out by	or on behalf	V	
of, the busines		iance or diagi	iostic investi	igations been	carried out by	, or on benan	Y	
Any significant							N]
If yes, detail	results:							
								· •
Is there a histo	ry of sea lice is	sues at the si	ite in previou	ıs 4 years			IN	
If yes, detail:								
Has site been a	able to keep lic	e levels belov	v the recomr	mended lice le	evels?		Y	
If no, detail:	·							
							V	
Treatment disc		ice in place?	Oi:	٦		٦	Y	
If yes, detail:	Salmosan	J	Slice	J	Alphamax	J		
Where sea lice	treatments ha	ve been admi	inistered hav	e they had a	n effect?		Y	
If no, detail:								
ls a manageme	ent area agreer	ment in place	?				N/A	
	_	·					14/14	 -
Does your CoG	SP Farm mana	gement area	fallow in syn	chrony?			Y	
Any reported e	scapes? (chec	k prior to pho	ne call)				N	1
Any escapes?							N	
If yes, detail:								
(include date)								

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

Any significant changes to your biosecurity procedures since previous visit?

N

If yes, detail:

Case No:	2018-0077]		Date of vis	it: 14/03/20)18					
Site No:	FS1286	1		Inspecto	or: AJW	_					
Results Summary	Freq.				Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
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	+	1				-		+			
	-		+					+			
			+								
	+	1	+					+			
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Report Summary											
Case Type PSI	Date	Insp	2 nd Insp								
PSI	15/03/2018	AJW	KAS								
			 								
			 								
	Ī	I	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 Case14/03/2018Site NoFS1286Site NameMuckInspectorAmanda WalkerCase No20180077

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 third 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: 15/03/2018

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

FHI 059, Version 11	1	ssued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0078			Date of visit: 21/03/2018
Time spent on site:	6 hours	Main	Inspector: JET
Site No: FS0767	Site Name: Business Name:	Tarbert South	Company
Business No: FB0169	business name.	The Scottish Salmon (Company
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5 DI	A 6
Water Temp (°C):	Thermometer No:	T147	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA: M-42
Dead/weak/abnormally behavir	ng fish present?	Y If yes, see addition	nal information/clinical score sheet.
Clinical signs of disease observ	•		nal information/clinical score sheet.
Gross pathology observed?		Y If yes, see addition	nal information/clinical score sheet.
Diagnostic samples taken?		Υ	
UNI/REG only - if unable to car	ry out intended visit detail	reason below:	

Harvesting strategy - live haul to Ardyne harvest station, then dead haul to Cairndow processing plant.

Adult female sea lice numbers below suggested criteria for treatment throughout this production cycle, prophylactic slice treatments carried out 04/12/2017 and 05/02/2018.

Input of wild caught wrasse due in April 2018.

Several moribund fish with lesions on flank observed during inspection of cages. 5 fish removed and diagnostic samples taken.

Fish sampled for VMD appeared healthy.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	ıe: 12/09/2017
Case No:	2018-0078		Site No:	FS0767	7			
Date of Visit:		21/03/2018	;		Inspector(s):	JET		
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y	}
Site Details								
Total No facilities	_	14	Facilities sto	cked	6	No facilitie	es inspected	14
Species	SAL 2017 S0							
Age group No Fish	2017 S0 370,944							
	370,944 569g							
Mean Fish Wt Next Fallow Date (S		June 2019		Next Input Da	oto (Sito)	Septembe	or 2018	
Next Fallow Date (5	ite)	June 2019		Next Input Da	ate (Site)	Septembe	r 2016	
Recent (last 4 wks) of the second (last 4 wks) o	disease probl	ems?		N	Any escapes	s (since last	visit)?	N
Movement Records	s							
1. Movement record	ls available fo	r inspection?						Y
2. Date of last inspe-							02/03/2017	
3. Are records comp		•						Y
4. Are movement re-5. Are records comp								Y
6. Are health certifications		•		able?				N/A
Transport Records		doubling		0.01				
1. Are any movemen					-			N
If yes, is there a syst	tem in place r	or maintenand	ce of transpor	tation records	?			
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalities		•			Whole fish - I	Dundas Chr	emicals	
If other detail:								
3. Mortality records of	•	•						Y
4. Recent mortality (•		761 (0.2%) a	cross site				N
5. Evidence of recer If yes, facility nos/no				reason.				N
II yes, radiity riceri.s	mortanty po.	Tacility/110 oto	ck per radiity.	reason.				
6. Any other peaks in	n mortality du	iring period ch	necked?					N
If yes, detail:								N1/A
7. Have increased (u	• •	mortalities bed	en reported to	vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality ev		ported to FHI	2 If no ladd M	IRT case and	enter on morta	ality events s	sheet	N/A
0. 11010 11101	Office Soc.	portou to		111 0000 0	511to1 5111	Alley C.C	Jilooti	

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: H2O2, T.M.S.	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)? T.M.S.	
If other, detail:	V
6. Are medicines stored appropriately?	T
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?	N
If yes, detail (if not detailed under recent disease problems).	
00/00/0047 04/00/0040	

Records checked between: 02/03/2017 - 21/03/2018

Priority samples: VI	ГГ	ai 059, version i i							155	sueu by.	ГП			
Priority samples: VI BA PA MG HI Time sampling starts/ends: 14:00:00 15:00:00 Inspector: JET VMD No. 1 Summary samples: 1 Indoors 2 3 4 5 Summary samples: HIST Y BA Y MG Y VI Y PA Total Samples Add Fish/Pools - click Pool/Fish No F1 F2 F3 F4 F5 P1 F1 F2 F3 F4 F5 P1 P0 P1		Case no:	2018-00	078	Site No		FS0767					21/0)3/2018	21/0
Starts/ends: Environmental conditions: 1 Indoors 2 3 4 5 Summary samples HIST Y BA Y MG Y VI Y PA Total Samples Add Fish/Pools - click Pool/Fish No F1 F2 F3 F4 F5 P1 8 9 10-11 9 10-11 1		Priority samples:	VI		ВА		PA		MG	-				
Add Fish/Pools - click Pool/Fish No F1 F2 F3 F4 F5 P1 P2 P3 P3 P3 P3 P3 P3 P3 P3 P4 P5 P1 P2 P3			14:0	00:00	15:0	0:00		Inspect	or:	JET		VMD No). [15
Pool/Fish No		Environmental conditions:	1	Indoors	2		3		4		5			
Pool/Fish No		Summary samples	HIST	Υ	ВА	Υ	MG	Υ	VI	Υ	PA		Total Sa	mples
Fish nos 1 2 3 4 5 1-5 6-7 8-9 10-11 Pool Group P1	A	dd Fish/Pools - click												
Pool Group P1		Pool/Fish No	F1	F2	F3	F4	F5	P1						
Species SAL		Fish nos	1	2	3	4	5	1-5	6-7	8-9	10-11			
Average weight 0.3000 0.3000 0.3000 0.3000 0.3000 0.3000 0.5000 0.5000 0.5000 Sex N/A		Pool Group	P1	P1	P1	P1	P1							
Sex N/A N/A <td></td> <td>Species</td> <td>SAL</td> <td>SAL</td> <td>SAL</td> <td>SAL</td> <td>SAL</td> <td>SAL</td> <td>SAL</td> <td>SAL</td> <td>SAL</td> <td></td> <td></td> <td></td>		Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL			
Sex N/A N/A <td></td> <td>Average weight</td> <td>0.3000</td> <td>0.3000</td> <td>0.3000</td> <td>0.3000</td> <td>0.3000</td> <td>0.3000</td> <td>0.5000</td> <td>0.5000</td> <td>0.5000</td> <td></td> <td></td> <td></td>		Average weight	0.3000	0.3000	0.3000	0.3000	0.3000	0.3000	0.5000	0.5000	0.5000			
			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
nolt unit nolt u		Water Type	SW	SW	SW	SW	SW	SW	SW	SW	SW			
Stock Origin	~			Ormsary Smolt unit										
(7) Contry 14 4 11 11 11 11 11 13 1 1	S	I dollity 140	4	4	П	11	П	IVIIX	4	11	13			

Additional Sample Information: 6	1111 000, 10101011 11		locaea by	
Total Tests assigned 4	03/2018 Additional Sample	Information:		
	6 Total Tests	ts assigned 4		

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

Case no:	2018-0078]	Site No):	FS076	7	Method of killing: Percussive				
Date of visit:	21/03/2018]	Inspec	tor(s):	JET			s	heet Re	elevant:	Υ
S for strong presen	ce: M for medium presence: W for	weak pres	sence								
Fish Number	·	1	2	3	4	5					
Time sampled after	er death (if > 45 minutes)										
External Signs											
Behaviour	Moribund	S	S	S	S	S					
	Lethargic	S	S	s	S	S					
	Hanging vertical										
	Spiralling										
	Flashing Loss of equilibrium										
Body	Dark										
	Distended abdomen										
	Anorexic			w		s					
	Scale Oedema										
Opercula	Shortened										
	Flared				_						
Haemorrhaging	Throat										
	Ventrum Rose of fine										
	Base of fins Elsewhere										
Eyes	Exophthalmic		S								
_,,00	Enophthalmic (sunken)										
	Cataract										
	Haemorrhagic										
Gills	Pale										
	Zoned										
	Necrotic										
Lesions	Flank	S		S	S						
Vant	Elsewhere				S	S					
Vent	Inflamed Trailing faeces										
Lice Load	Estimate numbers	0	0	0	0	0					
2100 2000	Zotimato Hamboro										
Internal Signs											
Ascites	Clear	m									
	Bloody										
Oedema	In tissues										
Heart	Pale/anaemic										
	Granulomas Deformed										
Liver	Petechial haem		S		m						
LIVEI	Gross haem				-						
	Tissue breakdown			w	m						
	Enlarged										
	Colour number(s)	4	6	4	4	4					
	Granulomas										
D. J	Lesions										
Pyloric caeca	Petechial haem										
	Tubules mauve Lack of fat										
Spleen	Enlarged										
1,00.1	Granulomas										
Gut	No food present										
	Yellow pseudo-faeces										
	External haem										
	Internal haem										
Body wall	Haemorrhaging										
Swim bladder	Haemorrhaging										
Kidney	Fluid filled Swollen										
Muney	Grey										
	Granular										
	Liquefied		m		m						
General	Parasites present										
	Anaemia										

Case no: 2018-0078

Date of visit:	21/03/2018					
	nce: M for medium presence: W for v		 -			
Fish Number	1 (1 (2 45 1 4)					
	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					
1 1	Necrotic					
Lesions	Flank					
Vent	Elsewhere Inflamed					
vent	Trailing faeces					
Lice Load	Estimate numbers					
Lice Load	LStilliate Hullibers					
Internal Signs						
Ascites	Clear					
	Bloody					
Oedema	In tissues					
Heart	Pale/anaemic					
	Granulomas					
	Deformed					
Liver	Petechial haem					
	Gross haem					
	Tissue breakdown					
	Enlarged					
	Colour number(s) Granulomas					
Pyloric caeca	Lesions Petechial haem					
Pyloric caeca						
	Tubules mauve Lack of fat					
Spleen	Enlarged					
орюси	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: 12/09/201
Additional comments:	133464 by. 1 1 11	Date of 1550e. 12/09/201
F3 - anterior ventral lesion through whic	h the heart was exposed. F4 – Heart was not ide	entified within cavity, no heart
sample taken. Enlarged gall bladder ob	served underneath liver, see attched photos.	

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017
Case Number:	2018-0078		Site No:	FS0767		Insp:	JET
Date of Visit	21/03/2018 No of movements/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	ncluding third country	0			14	0
			0			10	10
Movements off	Frequency of m		0			10	3
Exposure via water Site contacts		0					
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protect disinfection or l	ed (secure water supply through	0				\Box
	Farm is on-line	or in a coastal zone with category I	1	2	4		2
	Farm is on-line	or in a coastal zone with category III	1	3	6		П
	Farm is on-line	or in a coastal zone with category V	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
ane rules of the directive	Processing own	n fish (re-cycling risk)	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				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	1			
products	Common proce	esses with other farms	3				3
	Collection point	t for waste from other farms	5	Ì			
Use of unpasteurised feeds	No feeding of u	Inpasteurised feed	0	<u>.</u> 1			0
	Feeding unpas	teurised feed	5				-
Biosecurity	•	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator	_			1			
Practices in accordance with regulator or industry code of practice	Yes		0				0
	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total		21
					Rank		MEDIUM

FHI 059, Version 11		Issued by: FHI	Date of iss	sue: 12/09/2
Case No: 2018-0	0078	Site No:	FS0767	
Sea Lice Inspection (Seawate 1. Has the site experienced sea		4 vears?		Υ
2. Is the CoGP Farm Managem		•	vear class basis?	Y
3. Does the site have access to azamethiphos and emamectin becan these be deployed in a reast. Is there a signed documented.	a range of licenced in-feed an penzoate) as well as access to sonable period of time? d farm management agreemer	nd bath sea lice medications (in suitable biological and/or me	ncluding deltamethrin, echanical control measures, and	Y
Management Area (or equivaler		001 0-00 40)		V
Are sea lice count records avDo records adequately reflec	•	·	(Logal SSL CoCB Appay 6)	Y
				1
7. Are sea lice (<i>L. salmonis</i>) red records are inspected? (CoGP		ed criteria for treatment in the (CoGP during the period that	Υ
Have average adult female serecords are inspected?			r above during the period that	N
If yes, have these been reported	·			N/A
9. Is <i>C. elongatus</i> infestation at	a level which is considered to	cause significant welfare prob	olems? (CoGP 4.3.81, 5.3.50)	N
10. Have therapeutic treatments suggested criteria for treatment				N/A
11. Has any other action been t	aken (where applicable)?			N/A
12. Have therapeutic treatments	or the actions taken had a sign	gnificant impact upon the lice I	evels recorded?	N/A
13. Are treatments, where cond 14. Is there a harvesting strateg sea lice?	·	· · · · · ·		Y
15. Is there a site specific writte scenarios during the escalation		with waypoints describing set	actions to deal with recognised	Y
16. Does the stock on site appereasons.	ar satisfactory in relation to se	ea lice level and sea lice count	data? If no please detail	Υ
Containment Inspection 1. Has the site experienced equ 2. Are measures in place to miti				N Y
Seal Blinds, Tensioned Nets		· ·	•	
If other, detail below:				
				IN.
 Have escape incidents or ev Yes proceed with questions 4 Have these been reported to 	– 9. If No skip to question 10	n the vicinity of the site since t	he last FHI inspection?	N
5. Have these been reported to 6. Have these been reported to	·		·	
7. Were methods (if any) used t	o recover escapees? If yes given	ve detail		
8. If gill nets were deployed was	s this action agreed with local v	wild fish interests and was per	mission given by Scottish	
Ministers? (Legal, CoGP – 4.4.3		mia non interests and was per	This stort given by Couldsh	
9. What action was taken to pre	vent and minimise the risk of f	further escapes? (Not covered	in code but could	
be considered under satisfa	•			
10. Is the site inspected as satis	sfactory with regards to contain	nment? If no, please detail rea	son(s)	Υ

Date of issue: 12/09/2017

FHI 059, Version 11	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0078	Site No: FS0767	
Date of Visit: 21/03/2018	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 far	It 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	
8. Does the FMAg/S identify the minimu farm?	m health standards for the stocks to be introd	duced to the area or Y
10. Does the FMAg/S identify the specie 11. Does the FMAg/S identify the maxim individual farm?	ation requirements for stocks held in the area es of fish which may be stocked into the area num stocking density of any pen on any farm gements for the storage and disposal of any o	or farm? in the area or the Y Y
fish farm in the area or the individual fa		·
Arrangements for The Management of	of Sea Lice	
13. Does the FMAg/S identify arrangem	ents for the sharing of data on sea lice numb	ers and treatments?
14. Does the FMAg/S identify the availa of statement?	bility and the use of medicines on farms cove	ered by the agreement Y
15. Does the FMAg/S identify any requir lice on farms in the area or individual fai	rements for the sensitivity testing of available rms?	
	nstances under which biological controls and	cleaner fish are to be
used on farms in the area or individual f 17. Does the FMAg/S identify the arrang	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	

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 individ	ual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be resto	s by which the area or individual farm will be fallow acked?	and the earliest Y
22. Does the FMAg/S identify whether agreement or statement?	one or more year classes may be stocked onto site	es covered by the Y
_	broodstock or potential broodstock are to be kept ont?	on any site Y
Point of Compliance for Farm Mana	gement Agreements Only	
24. Does the farm management agree parties to the agreement?	ment 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	atement?
26. What is the version no/date of issu	e of the FMAg/S?	

Case No: Date of visit: 21/03/2018

Site No: FS0767 Inspector: JET

Results Summary	Freq.		Date of Notification						
		Database In	nsp F	Phone	Insp	Writing	Insp	2 nd Insp	
MG_IHN	0/1	28/03/2018 JE	ET	28/03/2018	JET	11/04/2018	JET	ALW	
MG_IPN	0/1	28/03/2018 JE	ΕT	28/03/2018	JET	11/04/2018	JET	ALW	
MG_ISA	0/1	28/03/2018 JE	ΕT	28/03/2018	JET	11/04/2018	JET	ALW	
MG_SAV	0/1	28/03/2018 JE	ET	28/03/2018	JET	11/04/2018	JET	ALW	
MG_VHS	0/1	28/03/2018 JE	ET	28/03/2018	JET	11/04/2018	JET	ALW	
MG_PMV	0/1	06/04/2018 JE	ET	06/04/2018	JET	11/04/2018	JET	ALW	
MG_PRV	1/1	06/04/2018 JE	ET	06/04/2018	JET	11/04/2018	JET	ALW	
HIST_PRV	1/5	06/04/2018 JE	ET	06/04/2018	JET	11/04/2018	JET	ALW	
HIST_SULC	4/5	06/04/2018 JE	ET	06/04/2018	JET	11/04/2018	JET	ALW	
HIST_SKIN	4/5	06/04/2018 JE	ET	06/04/2018	JET	11/04/2018	JET	ALW	
HIST_HPAT	1/5	06/04/2018 JE	ET	06/04/2018	JET	11/04/2018	JET	ALW	
HIST_ADHE	5/5	06/04/2018 JE	ET	06/04/2018	JET	11/04/2018	JET	ALW	
HIST_PMCH	5/5	06/04/2018 JE	ET	06/04/2018	JET	11/04/2018	JET	ALW	
HIST_LPAT	4/5	06/04/2018 JE	ET	06/04/2018	JET	11/04/2018	JET	ALW	
BACT_VVIS	5/5	06/04/2018 JE	ET	06/04/2018	JET	11/04/2018	JET	ALW	
BACT_VSPE	4/5	06/04/2018 JE	ET	06/04/2018	JET	11/04/2018	JET	ALW	
		+ +							

Report Summary			
Case Type	Date	Insp	2 nd Insp
ECI,SLI,CNI,VMD	28/03/2018		AJW
DIA	11/04/2018	JET	ALW
			·
·			
			·





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0169Date of Visit21/03/2018Site NoFS0767Site NameTarbert SouthInspectorJoe TriscottCase No20180078

Section 1: Summary

During a routine inspection of the above site, several moribund fish were observed. Five fish were removed for further examination and subsequent diagnostic sampling.

Histopathology examination revealed dermatitis, ulcers, marked presence of bacteria and skeletal muscle haemorrhagic necrosis (likely associated with *Moritella* sp.). *Moritella viscosa* was isolated by bacteriology testing from kidney and gill material of 5/5 fish and lesion material of 3/4 fish. *Moritella viscosa* is a known fish pathogen and the level and purity of growth, along with the histopathology observations would suggest that it is implicated in fish morbidity.

Fish 5 also showed marked myocarditis and red skeletal myositis resembling heart and skeletal muscle inflammation (HSMI) and the presence of the causative agent, piscine reovirus (PRV), was confirmed by real-time PCR (QPCR). Mild hepatic degeneration and necrosis also noted. Fish were generally poor doing.

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, several lethargic and moribund fish were observed across all stocked cages. The majority of these fish also had visible lesions. Five moribund fish were removed for further examination and subsequent diagnostic sampling.

There had been no recent significant or unexplained mortality recorded at the site, inspection of the site mortality records showed 0.2% mortality for the previous four weeks. Those mortalities had been attributed to poor doing fish.

R09

External examination of the fish showed lesions on the flanks of fish 1, 3 and 4. Fish 3 also had a lesion on the ventral surface through which the heart was exposed. Fish 5 had a lesion on the head. The eyes of fish 2 were exophthalmic.

Internal examination showed clear ascites present in fish 1. Petechial haemorrhaging of the liver was observed in fish 2 and 4, moderate liver tissue breakdown was apparent in fish 3 and 4. The kidney tissue of fish 2 and 5 appeared slightly liquefied. The gall bladder of fish 4 was enlarged.

<u>Samples</u>

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

Fish number	Pool number	Facility number	Species	Stage	Origin
1-2	1	4	Atlantic salmon	2017 S0 300g	Ormsary Smolt Unit
3-5	1	11	Atlantic salmon	2017 S0 300g	Ormsary Smolt Unit

Results

Bacteriology: Kidney and gill material from fish 1-5 and lesion material from fish 1, 3, 4 and 5 were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated:

Moritella viscosa (gill and kidney of fish 1-5, lesion of fish 3-5)

Vibrio sp. (gill of fish 1 and 2, kidney of fish 1-3, lesion of fish 1 and 4)

From the tests conducted, we do not have evidence of resistance to amoxycillin, oxytetracycline, cotrimoxazole or florfenicol for *Moritella viscosa*.

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

Piscine reovirus (PRV)

Pool Number	Endogenous control Cp value		Cp Values		Reported Result (PCR)
P1	18.18	26.13	25.93	26.06	Positive

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

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:

<u>Gill</u>: Some lamellar congestion and lamellar epithelial hypertrophy (F1 and F4), mild to moderate, focal to diffuse presence of aneurysmal dilation/telangiectasia (F1-F5) and generalized epithelial lifting (likely post mortem artefact).

Skin & Muscle: Partial to absence of epidermal and dermal layer (F1, F3-F5), mild dermal oedema with mild leucocyte infiltration and presence of mixed bacteria that stained gram negative (F1, F3-F5), haemorrhagic necrosis of skeletal muscle (F1, F3-F5). F5 also showed marked red skeletal muscle degeneration and infiltration of inflammatory cells (myositis).

<u>Heart</u>: Moderate pericarditis (F5) and marked myocardial degeneration and cell infiltration of the compact and spongy layer of ventricle (F5).

<u>Gut and pyloric caeca</u>: Adipose tissue showed fibrous adhesions likely associated with vaccine administration (F1-F5), mild to moderate cell sloughing (F1-F5) (likely post mortem artefact).

<u>Pancreas</u>: Fibrous adhesions associated with peripancreatic tissue (likely vaccine administration).

<u>Liver</u>: Mild to moderate multifocal sinusoidal congestion (F2, F4 and F5) surrounded by some melanin deposits (F2), one small foci of hepatocyte necrosis (F4) and marked presence of hepatic apoptotic cells and pyknotic nuclei noted in F5.

<u>Kidney</u>: Slight increase of melanomacrophages aggregates (MMA) (F1), few renal tubules with dilated lumen and few shrunken glomeruli (F1).

Spleen: Slightly congested (F1, F3 and F5).

Signed: Date: 12/04/2018

Fish Health Inspector





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOFB0169DATE OF VISIT21/03/2018SITE NOFS0767SITE NAMETarbert SouthINSPECTORJoe TriscottCASE NO20180078

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

Signed: Date: 28/03/2018
Fish Health Inspector

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0079			Date of visit: 22/03/2018
Time spent on site:	1 hour	Main Insp	pector: JET
Site No: FS0575	Site Name:	Ormsary Smolt Unit	
Business No: FB0061	Business Name:	Landcatch Natural Selection	on Ltd
Case Types: 1 MOV	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: F	CoGP MA:
Dead/weak/abnormally behaving	ng fish present?	N If yes, see additional i	nformation/clinical score sheet.
Clinical signs of disease observ	/ed?		nformation/clinical score sheet.
Gross pathology observed?		N If yes, see additional i	nformation/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:

Export inspection of 3400 Atlantic Salmon (Tank E19) to Dubai. Health certificate MD18/016 E19 stock inspected, no clinical signs of disease observed. Hatchery stock and mortality records inspected prior to transfer to Smolt Unit in April, no health issues on site.

FHI 059, Version 11			Issu	ed by: FHI			Date of issue	e: 12/09/2017
Case No:	2018-0079		Site No:	FS0575				
Date of Visit:		22/03/2018	3		Inspector(s):	JET		
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N	
Site Details								
Total No facilities		104	Facilities sto	cked	74	No facilitie	s inspected	1
	SAL	SAL					1	
Age group	2018 S1	2018 S0						
No Fish	1,067,506	2,630,614						
Mean Fish Wt	75g	0.8g						
Next Fallow Date (Si	ite)	N/A		Next Input Da	te (Site)	April 2018		
	,				1	· .p 2010		
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	s (since last	visit)?	N
If yes, detail:								
Movement Records	3							
1. Movement records		r inspection?						Y
2. Date of last inspec		· mopodiom:					08/03/2017	
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 movement If yes, is there a syst		• ,		•				
Mortality Records	.с п. р.с.с.		. СС С. п.с. тор С.					
wortainty Necords								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalitie		•			Incinerated -	on site		
If other detail:								
3. Mortality records of	complete and	correctly ent	ered?					Y
4. Recent mortality (last 4 wks):		2103 (0.18%) across site. E	E19 - 4 morts.			
5. Evidence of recent increased/atypical mortalities?							N	
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:				
6. Any other peaks in mortality during period checked? N If yes, detail:								
7. Have increased (u	inexplained)	mortalities be	en reported to	vet or FHI2				N/A
If yes, detail action:	arioxpiairica)	nortanties be	on reported to	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7				14/7 (
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		

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)?	
Health Status, Certification in 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:

08/03/2018 - 22/03/2018

Case No:	2018-0079	Date of visit: 22/03/2018						
Site No:	FS0575	1		Inspector:	JET	1		
Results Summary	Freq.			Da	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
						1		
D 1 O								
Report Summary	_		nd					
Case Type MOV	Date	Insp	2 nd Insp					
MOV	28/03/2018	JE I	AJW					
	1							





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** 22/03/2018

SITE NO FS0575 SITE NAME Ormsary Smolt Unit

INSPECTOR Joe Triscott Case No 20180079

Inspection for export to a third country

The above site was visited and a consignment of Atlantic salmon parr for export to United Arab Emirates 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: 28/03/2018

Fish Health Inspector

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/20	17			
Case No: 2018-0080			Date of visit: 22/03/2018				
Time spent on site:	2.5 hours	Mair	n Inspector: JET				
Site No: FS0268	Site Name:	Tervine					
Business No: FB0456	Business Name:	Dawnfresh Farming I	Ltd	J			
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6				
Water Temp (°C): 3.5	Thermometer No:	T147	FHI 045 completed]			
Observations:	Region: ST	Water type: F	CoGP MA:				
Dead/weak/abnormally behaving	ng fish present?	N If yes, see additi	ional information/clinical score sheet.				
Clinical signs of disease observ	red?	N If yes, see additi	ional information/clinical score sheet.				
Gross pathology observed?		N If yes, see additi	ional information/clinical score sheet.				
Diagnostic samples taken?		N					
UNI/REG only - if unable to carry out intended visit detail reason below:							

Additional Case Information:

Fish sampled for VMD appeared healthy

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017	
Case No:	2018-0080		Site No:	FS0268	3				
Date of Visit:		22/03/2018	8		Inspector(s):	: JET]	
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N		
Site Details									
Total No facilities		33	Facilities sto	cked	28	No facilitie	es inspected	33	
	RTR	RTR							
Age group	2016	2017							
	277,372	65,115							
Mean Fish Wt	2kg	500g							
Next Fallow Date (Si	ite)	N/A		Next Input Da	ate (Site)	April 2018			
	,				7				
Recent (last 4 wks) disease problems? N Any escapes (since last visit)? N yes, detail:									
Movement Records	3								
Movement records		or inspection?						Y	
2. Date of last inspec		т порослог.					02/11/2016		
3. Are records comp		ectly entered	?				02/1/23/1	Y	
4. Are movement red		•		,				Y	
5. Are records comp								Y	
6. Are health certification	ates for introd	ductions (out	with GB) availa	able?				Y	
Transport Records									
1. Are any movemen								N	
If yes, is there a syst	em in place i	or maintenar	ice or transpor	riation records					
Mortality Records									
1. Mortality records a	available for i	nspection?						Y	
2. How are mortalitie		•			Whole fish -	Dundas Che	emicals		
If other detail:									
3. Mortality records of	•	correctly en	tered?					Y	
4. Recent mortality (I	last 4 wks):		806 (0.2%) a	across site					
5. Evidence of recent increased/atypical mortalities?									
If yes, facility nos/no	mortality per	facility/no st	ock per facility	/reason:					
6. Any other peaks in	n mortality du	ring pariod c	bookod2					N	
6. Any other peaks in If yes, detail:	1 mortality du	ring period c	neckeu :					14	
7. Have increased (unexplained) mortalities been reported to vet or FHI?									
If yes, detail action:	подрістос,	TIOTAIN TO S	on roperted is	7 701 01 1 1 1 1				N/A	
8. Have 'mortality eve	ents' been re	ported to FH	I? If no, add M	IRT case and e	enter on morta	ality events s	sheet.	N/A	

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

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	N
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	N/A
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
	V
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	T
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	V
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	'
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	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: 02/11/2016 - 22/03/2018	

'	mi 059, version i i							153	sueu by.				
	Case no:	2018-00	080	Site No:		FS0268			Date of Samplin		22/	03/2018	
	Priority samples:	VI		ВА		РА		MG		ig. HI			
	Time sampling starts/ends:	15:0	0:00	15:1	5:00		Inspecto	or:	JET		VMD No	o. 	5
	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	1-3											
	Pool Group												
	Species	RTR											
	Average weight	0.4500											
	Sex	N/A											
	Water Type	FW											
Ctock Details		New Farm											
Ţ	Facility No	A8											

	Additional Sample Information:												
0		Total Te	ests ass	igned	0								

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/201
Case Number:	2018-0080		Site No:	FS0268		Insp:	JET
Date of Visit	22/03/2018		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	10
with GB) of susceptible species		novements on from equivalent zone or			40		
Species	compartment in Number of supp	cluding third country	0			26 14	-
							L
Movements off	Frequency of m		0			10	
-	Number of dest		0			10	
Exposure via water	I Carm is protect	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or b	•	0				
susceptible to same diseases)		or in a coastal zone with category I or within 1 tidal excursion	1	2	4		2
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
	Farm is on-line	or in a coastal zone with category V	1	4	8		
Management practices	таппо чропочи		None	Secure	Unsecure		
Water contacts with	Any processing	plant discharging into adjacent waters		1	2		
On farm processing within	No on farm pro	cessina		<u>'</u>	2		
the rules of the directive		n fish (re-cycling risk)	0				
	Processing fish	from MS of equivalent status	2				_
		from zone or compartment of	Δ				-
		from Category III farm	8				_
		from Category V farm	10				_
Disposal of fish and fish by-	Site's own wast	e only processed.	0	İ			
products	Common proce	sses with other farms	3	1			
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	-]			
	Feeding unpast	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		
	Sites sharing st	aff and equipment	0	1	2		
Disinfection of equipment	Yes		0				
between sites, use of footbaths etc	No		1				
CoGP/Regulator				_			
Practices in accordance	Yes		0				(
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0				(
	No		2				
					Total		18
					Rank		MEDIUM

Case No:	2018-0080		Si	ite No:	FS0268	
Sea Lice Inspection (1. Has the site experie	Seawater Sites Only) nced sea lice problems ir	the previous 4 years	?			
·	Ianagement Area (or equ			a single ye	ear class basis?	
azamethiphos and ema	access to a range of licen amectin benzoate) as we in a reasonable period ocumented farm managemequivalent)?	ell as access to suitable f time?	le biological and	d/or mech	nanical control mea	sures, and
•	ecords available for inspe	ction? (Legal SSI, Co	GP Annex 6)			
	ely reflect the required sta		·	CoGP? (Lo	egal SSI, CoGP An	nex 6)
7. Are sea lice (<i>L. salm</i> records are inspected?	nonis) record levels below (CoGP Annex 6)	v the suggested criteri	ia for treatment	in the Co	oGP during the peri	od that
8. Have average adult records are inspected?	female sea lice (<i>L. salmo</i>	<i>nis</i>) numbers per fish	been at a leve	l of 3 or a	above during the pe	riod that
If yes, have these been	reported to the Fish Hea	alth Inspectorate? If no	o, FHI see com	ment.		
9. Is C. elongatus infe	station at a level which is	considered to cause s	significant welfa	are proble	ems? (CoGP 4.3.81	, 5.3.50)
	reatments been administereatment or where <i>C. elon</i>					
11. Has any other action	on been taken (where app	olicable)?				
12. Have therapeutic tr	eatments or the actions t	aken had a significant	t impact upon tl	he lice lev	vels recorded?	
13. Are treatments, wh	ere conducted, carried or	ut in cooperation betw	een participatin	ng farms?	•	
sea lice?	ng strategy for the site, wh					
	ific written lice managem scalation of a sea lice infe		aypoints descrik	oing set a	ctions to deal with I	recognised
16. Does the stock on reasons.	site appear satisfactory ir	relation to sea lice le	evel and sea lice	e count d	ata? If no please de	etail
Containment Inspect	ion					
1. Has the site experie	nced equipment damage	due to predators in th	ne current or pre	evious pro	oduction cycles?	N
2. Are measures in pla	ce to mitigate against the	predation experience	ed on site? (Det	ail below)	Υ
Tensioned nets T	op Nets					
If other, detail below:						
If Yes proceed with que	ents or events been exper estions 4 – 9. If No skip to ported to Scottish Ministe	question 10	cinity of the site	since the	e last FHI inspection	n? N
5. Have these been rep	ported to local DSFB forth	nwith (where they exis	t)? (CoGP – 4.	4.37, 5.4	.17)	
	ported to the SSPO and le					5.4.17)
7. Were methods (if ar	y) used to recover escap	ees? If yes give detail	I			
8. If gill nets were depl	oyed was this action agre	eed with local wild fish	interests and v	vas permi	ission given by Sco	ettish
Ministers? (Legal, CoG						
9. What action was tak	en to prevent and minimi	se the risk of further e	escapes? (Not o	covered in	n code but could	
	r satisfactory measures	· · · · · · · · · · · · · · · · · · ·				
10. Is the site inspecte	d as satisfactory with reg	ards to containment?	If no, please de	etail reaso	on(s)	Y

Issued by: FHI

Date of issue: 12/09/2017

FHI 059, Version 11

Case No:	2018-0080			Date of visit:	22/03/2018			
Site No:	FS0268	1		Inspector:	JET]		
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI,CNI,VMD	28/03/2018	JET	AJW					
				1				





Dawnfresh Farming Ltd Bothwellpark Industrial Estate Uddingston Lanarkshire G71 6LS

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0456
 Date of Visit 22/03/2018

 Site No
 FS0268
 Site Name
 Tervine

 Inspector
 Joe Triscott
 Case No
 20180080

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

R04

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

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

Inspection under the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 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: 28/03/2018
Fish Health Inspector

FHI 059, Version 11	1	Issued by: FHI	Date of issue: 12/09/2017				
Case No: 2018-0081			Date of visit: 08/03/2018				
Time spent on site:	1 hour	Main	Inspector: WJM				
Site No: SS0604 Business No: SB0372	Site Name: Business Name:	Lera Voe Shetland Mussels Ltd	I				
Case Types: 1 ECI	2 3	4 5	6				
Water Temp (°C):	Thermometer No:		FHI 045 completed				
Observations:	Region: SH	Water type: S	CoGP MA:				
Dead/weak/abnormally behaving Clinical signs of disease obsertions 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:							

Additional Case Information:

Imports from Ireland still appear to be weaker than locally grown spat. Shells average 70mm. 3 out of 5 lines currently stocked, 1 of those lines only 20% stocked. Very light fouling. Mainly sea squirts but some shells with tube worm. Shells seeded at a low density with a greater distance between droppers to speed up growth.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0081		Site No:	SS0604				
Date of Visit:		08/03/2018			Inspector(s):	WJM		
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	}
Site Details								
Total No facilities		5	Facilities sto	cked	3	No facilitie	s inspected	5
Species	MED							
Age group	2017							
No Fish	3 Lines							
Mean Fish Wt	Juvenile							
Next Fallow Date (S	ite)	never fallow		Next Input Da	ate (Site)	ongoing		
Recent (last 4 wks)	disease prob	olems?		N	Any escapes	(since last	visit)?	N/A
If yes, detail:								
Movement Records	\$							
Movement record		or inspection?						Y
2. Date of last inspe							28/08/2017	
3. Are records comp		rectly entered?	>					Y
4. Are movement re	cords availal	ole for dead fis	h and waste?					N/A
5. Are records comp	lete and cor	rectly entered?	?					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 system of the system		• •		,	~ .			
Mortality Records	ioni in piaco	Tor mamionan	oo or transpor	tation records	•			
wortainty Records								
1. Mortality records a	available for	inspection?						Y
2. How are mortalities	es disposed	of?			Other (detail)			
If other detail:	Empty shell	s to seabed						
3. Mortality records	complete and	d correctly ent	ered?					N/A
4. Recent mortality (last 4 wks):		No observed	l mortality				
5. Evidence of recer	nt increased/	atypical morta	lities?					N
If yes, facility nos/no	mortality pe	r facility/no sto	ck per facility	/reason:				
								N/A
6. Any other peaks in mortality during period checked? If yes, detail:								
If yes, detail action:	anoxpiamica)	Thortainies be	on reported to	7 101 01 1111				N/A
8. Have 'mortality ev	ents' been re	eported 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)?		

Treatments and Medicines Record	ds			
1. Recent treatments (last 4 wks)?				
If yes, detail:				
If other, detail:				
2. Medicines records available for in	spection?			
3. Are records complete and correct	ly entered?			
4. Are fish in a withdrawal period?				
5. If yes, what treatment(s)?				
If other, detail:				
6. Are medicines stored appropriate	y?			
Biosecurity Records				
Biosecurity records available for in	nspection?			Y
2. Has the manner and frequency of	mortality removal, recor-	ding and safe o	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 a	t the site been included?			Υ
4. Has the action that will be taken in is detected been included and how				e Y
5. Has the health status of aquacultuhealth status, certification if required	ure animals being stocke			Y
6. Have the husbandry and biosecur	•		,	Y
transmission of disease been covered. The documentation available regards	,		·	N/A
aquaculture animals held on site?				
8. Have the biosecurity procedures by	been adequately impleme	ented on site?		Y
If no, detail:				
Results of Surveillance				
1. Has any animal health surveilland	e been carried out by, or	r on behalf of, th	he business?	N
2. If yes, are results available for ins	pection?			
3. Any significant results?				
If yes, detail (if not detailed under re-	cent disease problems).			

Records checked between: 28/08/2017 - 08/03/2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0081 SS0604 Site No: Date of Visit WJM 08/03/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 0 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to OsHV (CGI) 0 3 0 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 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:	2018-0081	Date of visit: 08/03/2018							
Site No:	SS0604	Inspector: WJM							
Results Summary	Freq.	Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
		_			_				
		4							
		_			_				
		4							
			_						
Report Summary	1	1	1	7					
Case Type	Date	lnon	ond I	-					
		Insp	2 nd Insp	-					
ECI	16/03/201	O VV JIVI	PMM	4					
				4					
	+	+		4					
				4					
				4					
	+	+		-					
	-	+	+						
	_	+	+						
	+	+	+						
			+	-					





Shetland Mussels Ltd Vadlure Walls Shetland ZE2 9PF

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0372
 Date of Visit
 08/03/2018

 Site No
 SS0604
 Site Name
 Lera Voe

 Inspector
 Warren Murray
 Case No
 20180081

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: 16/03/2018
Fish Health Inspector

FHI 059, Version 11		Issued by: FHI		Date of issue	: 12/09/2017	
Case No: 2018-0085			D	Date of visit: 08/03	3/2018	
Time spent on site:	1 hour	Mai	in Inspector:	WJM		
Site No: SS0774	Site Name:	South Holms Geo				
Business No: SB0388	Business Name:	Zetland Mussels Ltd				
Case Types: 1 REG	2 3	4 5		6		
Water Temp (°C):	Thermometer No:		F	HI 045 completed		
Observations:	Region: SH	Water type:	S	CoGP MA:		
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? N/A If yes, see additional information/clinical score sheet. N/A If yes, see additional information/clinical score sheet. N/A If yes, see additional information/clinical score sheet.					heet.	
Gross parriology observed:		N/A II yes, see addi	lionai inionna	mon/climical score si	ieet.	
Diagnostic samples taken?						
UNI/REG only - if unable to carry out intended visit detail reason below:						

Additional Case Information:

Site currently has 1 line in the water but is said to be fallow. Last recorded movement off site was 29/08/2014. Hope to re-stock site within the next 12 months but will depend on spat collection.

FHI 059, Version 11			Issı	ued by: FHI			Date of issu	ıe: 12/09/2017
Case No:	2018-0085		Site No:	SS0774	4			
Date of Visit:		08/03/201	18		Inspector(s):	: WJM		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site represent	ative?			Y N	}
Site Details								
Total No facilities		1	Facilities sto	ocked	0	No facilitie	es inspected	0
	MED							
Age group No Fish	fallow							
Mean Fish Wt	idiio i.							
Next Fallow Date (Si	ite)	N/A		Next Input Da	ate (Site)	ongoing		
·	·				¬ ``			
Recent (last 4 wks) of	disease probl	lems?		N/A	A Any escapes	s (since last	visit)?	N/A
If yes, detail:								
Movement Records								
1. Movement records		r inspection?	?				27/44/2014	Y
2. Date of last inspec		anterer	-10				07/11/2014	
 Are records comp Are movement rec 		•		2				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 syst					-			
Mortality Records	em in place.	Ul maintena.	1106 Or transpe	Ilalion rootius)!			
Wiortainty Records								
1. Mortality records a		•						N/A
2. How are mortalitie	es disposed c	of?						
If other detail:	i ta ani	the or	10					NI/A
 Mortality records of Recent mortality (•	correctly en	tered?					N/A
 Kecent mortality (Evidence of recent 	`	etypical mort/	alities?					N/A
If yes, facility nos/no		* *		y/reason:				
								1 /0
6. Any other peaks in If yes, detail:	n mortality du	iring period c	checked?					N/A
7. Have increased (u	(nexplained)	mortalities b	een reported t	o vet or FHI?				N/A
If yes, detail action:	Подріст. С.,	Hortanas	Soft Topo	J VOL OI I I III				
8. Have 'mortality ev	ents' been re	ported to FH	II? If no, add N	/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	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	N1/A
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	N/A
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).	
Decords shooked between 197/44/2044 09/02/2049	

Records checked between: 07/11/2014 - 08/03/2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0085 SS0774 Site No: Date of Visit WJM 08/03/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 0 Susceptible to Marteilia refringens (OED, MED) 0 3 0 Susceptible to OsHV (CGI) 0 3 0 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 2 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 0 Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management 0 2 1 0 Frequency of movements off outwith MSS Management 0 0 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management 0 4 8 0 area **Number of sites** ≥ 4 1 2 or 3 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment Yes No

Disinfection of equipment between sites, use of footbaths etc

0

Total Risk

LOW

Case No:	2018-0085			Date of vis	sit: 08/03/20	018					
O'. 11		_				_					
Site No:	SS0774 Inspector: WJM										
Results Summary	Freq.			[Date of Notif	fication					
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
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	+	+		+		+					
		+				_					
	_	4				_		_			
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Report Summary		_	1	7							
Cose Type	Date	Inon	ond I	-							
Case Type REG	01/03/201	Insp	2 nd Insp PMM	-							
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South Holms Geo

20180085

Zetland Mussels Ltd Vadlure Walls Shetland ZE2 9PF

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

DATE OF VISIT 08/03/2018 **BUSINESS No SB0388** SITE NO SS0774 SITE NAME **INSPECTOR** Warren Murray CASE NO

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

The information required for the public record of aquaculture production businesses regarding the sites 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 the sites 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.

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



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

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0087			Date of visit: 08/03/2018
Time spent on site:	1 hour	Main	Inspector: WJM
Site No: SS0903	Site Name:	Crossroads	
Business No: SB0372	Business Name:	Shetland Mussels Ltd	
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA:
Dead/weak/abnormally behavin	g fish present?	N If yes, see addition	onal information/clinical score sheet.
Clinical signs of disease observ	red?		onal information/clinical score sheet.
Gross pathology observed?		N If yes, see addition	onal information/clinical score sheet.
Diagnostic samples taken?		N	
UNI/REG only - if unable to carr	ry out intended visit deta	il reason below:	

Additional Case Information:

Imports from Ireland still appear to be weaker than locally grown spat. Shells average 70mm. 4 out of 6 lines currently stocked, 1 of those lines only 20% stocked. Very light fouling. Mainly sea squirts but some shells with tube worm. Aim to be harvesting August 2018 but site never completely fallow.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0087		Site No:	SS0903				
Date of Visit:		08/03/2018]		Inspector(s):	WJM		
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	tive?			Y N	
Site Details								
Total No facilities		6	Facilities sto	cked	5	No facilitie	s inspected	6
Species	MED							
Age group	2017							
No Fish	4.2 lines							
Mean Fish Wt	Juvenile							
Next Fallow Date (S	ite)	never fallow		Next Input Da	ite (Site)	ongoing	•	
Recent (last 4 wks) of If yes, detail:	disease probl	ems?		N	Any escapes	(since last	visit)?	N/A
Movement Records								
Movement record		r inspection?						Y
2. Date of last inspec		ор соше					28/08/2017	
3. Are records comp		ectly entered?						Y
4. Are movement red	cords availab	le for dead fis	h and waste?					N/A
5. Are records comp	lete and corre	ectly entered?						N/A
6. Are health certification	ates for introd	luctions (outw	rith GB) availa	ıble?				N/A
Transport Records								
1. Are any movement If yes, is there a systematical syste		• •		•	•			
Mortality Records	iom in place i	or maintenant		tation records	•			
Mortality records a	available for i	nepaction?						Y
2. How are mortalities		•			Other (detail)			
If other detail:	Empty shells				ourior (dotail)			
3. Mortality records of			ered?					N/A
4. Recent mortality (•	•	No observed	mortality				
5. Evidence of recen	nt increased/a	typical mortal	ities?					N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility/	reason:				
6 Any other peaks in	n martality du	ring pariod ab	a alka d0					N/A
6. Any other peaks in If yes, detail:	i mortality du	ning penda ch	eckeu!					IN/A
7. Have increased (u	unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	RT case and e	enter on morta	lity events s	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)?		

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, recordin	•	Y
3. Has the manner and period in which the APB will notify Scotti	ish Ministers or veterinary professional of any	V
increased (unexplained) mortality at the site been included?		T
4. Has the action that will be taken in the event that the presence is detected been included and <i>how</i> and <i>when</i> that will be notified		Y
5. Has the health status of aquaculture animals being stocked of		Y
health status, certification if required)?	in the familishe been covered (equal of higher	
6. Have the husbandry and biosecurity measures implemented		Y
transmission of disease been covered (movement of staff, visito	· · · · · · · · · · · · · · · · · · ·	
7. Is documentation available regarding the measures in place t aquaculture animals held on site?	to maintain the physical containment of	N/A
8. Have the biosecurity procedures been adequately implement	ed 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: 28/08/2017 - 08/03/2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0087 SS0903 Site No: Date of Visit WJM 08/03/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 0 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to OsHV (CGI) 0 3 0 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 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

Disinfection of equipment between sites, use of footbaths etc

Yes

0

Total Risk No

Case No:	2018-0087			Date of visit	t: 08/03/2018	3					
Site No:	SS0903	1				7					
Results Summary	Freq.	Databasa	lnon	Phone	ate of Notifica		lnan	and .			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
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	+			+	+			+			
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	+			†	1						
				1							
				1	1						
				1							
Report Summary											
Case Type	Date	Insp	2 nd Insp								
Case Type ECI	16/03/2018	WJM	PMM								
				_							
				_							
				4							
			1								
			+	-							
			1								
				-							





Shetland Mussels Ltd Vadlure Walls Shetland ZE2 9PF

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0372Date of Visit08/03/2018Site NoSS0903Site NameCrossroadsInspectorWarren MurrayCase No20180087

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

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

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

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

Signed: Fish Health Inspector

Date: 16/03/2018

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: 2018-0088			Date of visit: 08/03/2018		
Time spent on site:	1 hour	Main Ins	spector: WJM		
Site No: SS0587 Business No: SB0372	Site Name: Business Name:	Suthravoe Shetland Mussels Ltd			
Case Types: 1 ECI	2 3	4 5	6		
Water Temp (°C):	Thermometer No:		FHI 045 completed		
Observations:	Region: SH	Water type: S	CoGP MA:		
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? 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 car	ry out intended visit detail re	eason below:			

Additional Case Information:

Imports from Ireland still appear to be weaker than locally grown spat. Shells average ~45mm. 5 out of 5 lines currently stocked, 1 of those lines only 25% stocked. No fouling. Aim to be harvesting summer 2018 but site never completely fallow.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0088		Site No:	SS0587				
Date of Visit:		08/03/2018	3		Inspector(s):	WJM]
Registration/Authornal 1. Business/site det 2. Changes made to	ails summary		site representa	ative?			Y N]
Site Details								
Total No facilities		5	Facilities sto	cked	5	No facilitie	es inspected	5
Species	MED							
Age group	2017							
No Fish	4.25 lines							
Mean Fish Wt	Juvenile							
Next Fallow Date (S	Site)	never fallow		Next Input Da	ate (Site)	ongoing		
Recent (last 4 wks)	disease prob	olems?		N	Any escapes	(since last	visit)?	N/A
If yes, detail:								
Movement Record	e							
Movement record		or inepaction?						Y
2. Date of last inspe		or mopeonom:					28/08/2017	
3. Are records comp		rectly entered	?				20/00/2011	Y
4. Are movement re		•						N/A
5. Are records comp	olete and cor	rectly entered	?					N/A
6. Are health certific	ates for intro	ductions (outv	vith GB) availa	able?				N/A
Transport Records	5							
1. Are any moveme		• •		•	•			
If yes, is there a sys	stem in place	for maintenar	ice of transpo	rtation records	?			
Mortality Records								
1. Mortality records	available for	inenaction?						Y
2. How are mortalities		•			Other (detail)			·
If other detail:	Empty shell				Other (detail)			
3. Mortality records			ered?					N/A
4. Recent mortality	•	a con con, con	No observed	l mortality				
5. Evidence of recei	`	atvoical morta						N
If yes, facility nos/no		• •		/reason:				
6. Any other peaks	in mortality d	uring period cl	necked?					N/A
If yes, detail:								
7. Have increased (unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality ev	vente! hoon r	aported to EU	2 If no add M	IPT case and	onter on morte	lity evente e	shoot	N/A
o. Have mortality ev	venus peen n	eponeu io FFI	: II IIO, aud IV	in i case and e		mry events s	סווככו.	IWA

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	
Dioscourty 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	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	N/A
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).	
Decords shooked between 29/09/2017 09/02/2019	

Records checked between: 28/08/2017 - 08/03/2018 FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0088 SS0587 Site No: Date of Visit WJM 08/03/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 0 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to OsHV (CGI) 0 3 0 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 0 Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management 0 2 2 1 Frequency of movements off outwith MSS Management 0 6 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management 0 4 8 0 area **Number of sites** 1 2 or 3 > 4 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment

Disinfection of equipment between sites, use of footbaths etc

Yes

0

Total Risk No

Case No:	2018-0088			Date of visit	t: 08/03/2018	3					
Site No:	SS0587	1		Inspector	·: WJM	7					
Results Summary	Freq.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
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Report Summary				7							
Case Type	Date	Insp	2 nd Insp								
Case Type ECI	16/03/2018	WJM	PMM	7							
				7							
				4							





Shetland Mussels Ltd Vadlure Walls Shetland ZE2 9PF

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0372DATE OF VISIT08/03/2018SITE NOSS0587SITE NAMESuthravoeINSPECTORWarren MurrayCASE NO20180088

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: 16/03/2018
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	1	Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0089]		Date of visit: 08/03/2018
Time spent on site:	1 hour	Main Ins	spector: WJM
Site No: SS0186 Business No: SB0372	Site Name: Business Name:	Noonsburgh Shetland Mussels Ltd	
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease obsertions pathology observed?	~	N/A If yes, see additiona	I information/clinical score sheet. I information/clinical score sheet. I information/clinical score sheet.
Diagnostic samples taken?			
UNI/REG only - if unable to ca	rry out intended visit detail	l reason below:	

Additional Case Information:

3 lines put in spring 2017 to collect spat but nothing has been collected so far. Site will be stripped summer 2018 and possibly try again to collect natural spat fall.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0089		Site No:	SS0186				
Date of Visit:		08/03/2018	3		Inspector(s):	WJM		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	itive?			Y N	
Site Details								
Total No facilities		3	Facilities sto	cked	0	No facilitie	s inspected	3
Species	MED							
Age group No Fish								
Mean Fish Wt								
Next Fallow Date (S	ite)	fallow		Next Input Da	ate (Site)	ongoing		
Recent (last 4 wks)	disaasa prabl	ome?		N/A	Any escapes	c (cinco last	vicit\2	N/A
If yes, detail:	disease probi	ems:		19/79	Arry escapes	(Silice last	visit) !	IN/A
Movement Records	s							
Movement record		r inspection?						Y
2. Date of last inspe		. пороспотт					28/08/2017	
3. Are records comp		ectly entered	?					Y
4. Are movement re-	cords availab	le for dead fis	sh and waste?					N/A
5. Are records comp	lete and corre	ectly entered	?					N/A
6. Are health certific	ates for introd	ductions (out	with GB) availa	able?				N/A
Transport Records								
1. Are any movement If yes, is there a system		• •	•	•				
Mortality Records								
	availabla fari							Y
 Mortality records a How are mortalities 		•			Other (detail)	\		<u>'</u>
If other detail:	Empty shells				Otrici (actail)	/		
3. Mortality records			ered?					N/A
4. Recent mortality (·	No observed	l mortality				
5. Evidence of recer	nt increased/a	typical morta	lities?					N
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:				
6. Any other peaks in	n mortality du	ring pariod a	hockod2					N/A
If yes, detail:	il illortality du	ning penou c	neckeu?					IN//A
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 FH	I? If no, add M	RT case and e	enter on morta	ality events s	sheet.	N/A

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	N/A
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: 28/08/2017 - 08/03/2018	

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0089 SS0186 Site No: Date of Visit WJM 08/03/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 0 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to OsHV (CGI) 0 3 0 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 0 Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management 0 2 2 1 Frequency of movements off outwith MSS Management 0 3 6 3 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management 0 4 8 0 area

Biosecurity

Contacts with other sites

Number of sites

Sites operating from single shorebase

Disinfection of equipment between sites, use of footbaths etc

Sites sharing staff and equipment

1

0

2 or 3

Yes

0

Total Risk > 4

No

Case No:	2018-0089]		Date of visit:	08/03/2018			
Site No:	SS0186]		Inspector:	WJM]		
Results Summary Freq. Date of Notification								
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Report Summary								
Case Type ECI	Date	Insp	2 nd Insp					
ECI	16/03/2018	WJM	PMM					
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	+		_					
			-					





Shetland Mussels Ltd Vadlure Walls Shetland ZE2 9PF

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0372Date of Visit08/03/2018Site NoSS0186Site NameNoonsburghInspectorWarren MurrayCase No20180089

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

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

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

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

Signed:

Fish Health Inspector

Date: 16/03/2018

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: 2018-0090			Date of visit: 08/03/2018
Time spent on site:	1 hour	Mair	n Inspector: WJM
Site No: SS0904	Site Name:	Skewart Holm (Linga	,
Business No: SB0372	Business Name:	Shetland Mussels Ltd	d
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: SH	Water type:	CoGP MA:
Dead/weak/abnormally behavi	ng fish present?	N If yes, see additi	ional information/clinical score sheet.
Clinical signs of disease obser	ved?		ional information/clinical score sheet.
Gross pathology observed?		N If yes, see additi	ional information/clinical score sheet.
Diagnostic samples taken?		N	
UNI/REG only - if unable to ca	rry out intended visit deta	ail reason below:	

Additional Case Information:

5 lines currently fully stocked, 1 line with 20% remaining with the final line only 5% remaining. Will all be harvested this year. Light fouling, mainly sea squirts with very light tube worm.

FHI 059, Version 11			Issu	ed by: FHI			Date of issue	e: 12/09/2017
Case No:	2018-0090		Site No:	SS0904				
Date of Visit:		08/03/2018]		Inspector(s):	WJM		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	itive?			Y N	
Site Details								
Total No facilities		7	Facilities sto	cked	7	No facilitie	s inspected	7
Species	MED							
Age group	2017							
No Fish	5.25 lines							
Mean Fish Wt	Juvenile							
Next Fallow Date (S	ite)	never fallow		Next Input Da	ite (Site)	ongoing		
Recent (last 4 wks) of If yes, detail:	disease probl	ems?		N	Any escapes	(since last	visit)?	N/A
Movement Records								
Movement record		r inepaction?						Y
2. Date of last inspec		i irispection:					28/08/2017	•
3. Are records comp		ectly entered?	•				20/00/2011	Y
4. Are movement red		•						N/A
5. Are records comp	lete and corre	ectly entered?	•					N/A
6. Are health certification		•		ıble?				N/A
Transport Records								
1. Are any movement If yes, is there a systematical system of the system		• •		•				
Mortality Records								
Mortality records a	available for i	nepaction?						Y
2. How are mortalities		•			Other (detail)			
If other detail:	Empty shells					<u></u>		
3. Mortality records of			ered?					N/A
4. Recent mortality (last 4 wks):		No observed	mortality				
5. Evidence of recer	nt increased/a	typical mortal	ities?					N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	reason:				
6 Approximation and the in-	n martalitus lu	ring paried at	a alka dO					NI/A
6. Any other peaks in If yes, detail:	i mortality du	ning period ch	eckeu?					N/A
7. Have increased (u	unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	RT case and e	enter on morta	lity events s	heet.	N/A

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	Y
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	N/A
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: 28/08/2017 - 08/03/2018	

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0090 SS0904 Site No: Date of Visit WJM 08/03/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 0 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to OsHV (CGI) 0 3 0 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 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:	2018-0090			Date of visit:	08/03/2018			
Site No:	SS0904]		Inspector:	: WJM]		
Results Summary Freq. Date of Notification								
results cummary	1 104.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
								ļ
					1	1		-
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					1	1		
					1	1		1
					1	1		1
Report Summary				1				
Case Type	Date	Insp	2 nd Insp	1				
Case Type ECI	16/03/2018	WJM	PMM					
-				1				
				1				
				1				
				1				
				1				





Shetland Mussels Ltd Vadlure Walls Shetland ZE2 9PF

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No SB0372 **DATE OF VISIT** 08/03/2018

SITE No SS0904 SITE NAME Skewart Holm (Linga)

INSPECTOR Warren Murray CASE No 20180090

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: 16/03/2018
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	ı	Issued by: FHI	Date of issue: 12/09/2017					
Case No: 2018-0091			Date of visit: 08/03/2018					
Time spent on site:	1 hour	Main	Inspector: WJM					
Site No: SS0589 Business No: SB0389	Site Name: Business Name:	Quilse Peter Tait						
Case Types: 1 ECI	23	4 5	6					
Water Temp (°C): N/A	Thermometer No:		FHI 045 completed					
Observations:	Region: SH	Water type: S	CoGP MA:					
Dead/weak/abnormally behaving 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:								

Additional Case Information:

Droppers put in on 6 lines July 2017 but no spat have been collected. 1 line has stock from 2015 while another has 2016 stock. Hope to have these 2 lines fully cleared out in the near future and once done will re-do the site.

FHI 059, Version 11			Issu	ued by: FHI			Date of issu	ie: 12/09/2017
Case No:	2018-0091		Site No:	SS0589	3			
Date of Visit:		08/03/2018	В		Inspector(s):	WJM		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N	}
Site Details								
Total No facilities		8	Facilities sto	ocked	2	No facilitie	es inspected	8
Species	MED	MED						
Age group	2015	2016						
No Fish	1 Line	1 Line						
Mean Fish Wt	unknown	unknown						
Next Fallow Date (S	ite)	never fallow		Next Input Da	ate (Site)	ongoing		
Recent (last 4 wks) of the second (last 4 wks) o	disease prob	olems?		N	N Any escapes	s (since last	visit)?	N/A
Movement Records								
Movement record		or inspection?						Y
2. Date of last inspec		JI IIIapootion.					16/10/2014	
3. Are records comp		rectly entered	?				10/10/2	Y
4. Are movement red		•						N/A
5. Are records comp	plete and cor	rectly entered	?					N/A
6. Are health certification	ates for intro	ductions (outv	with GB) availa	able?				N/A
Transport Records								
1. Are any movement If yes, is there a syst								
Mortality Records								
Mortality records a	available for	inspection?						Y
2. How are mortalities		•			Other (detail))		
If other detail:		lls to seabed						
3. Mortality records of	complete and							N/A
4. Recent mortality (`		No observed	I mortality				
5. Evidence of recen		• •						N
If yes, facility nos/no	mortality pe	r facility/no sto	ock per facility	/reason:				
6. Any other peaks in	in mortality d	uring period c	hecked?					N/A
If yes, detail:	11110110	uning point	lookou.					
7. Have increased (u	unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	vents' been re	eported to FH	? If no, add M	RT case and	enter on morta	ality events s	sheet.	N/A

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

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

16/10/2014 - 08/03/2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0091 SS0589 Site No: Date of Visit WJM 08/03/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 0 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to OsHV (CGI) 0 3 0 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 0 Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management 0 2 1 0 Frequency of movements off outwith MSS Management 0 0 3 6 Areas 0 Number of destinations 3 6 **Secure Unsecure** Management (effluent (no effluent practices None treatment) treatment) Water contacts with Depuration of stock from own sites within MSS depuration facilities management area 0 2 0 Depuration of stock from other businesses sites within MSS management area 0 2 6 n Depuration of stock from sites outwith MSS management 0 4 8 0 area **Number of sites** 1 2 or 3 > 4 Biosecurity Sites operating from single shorebase 0 Contacts with other sites Sites sharing staff and equipment Yes No

Disinfection of equipment between sites, use of footbaths etc

0

Total Risk

MEDIUM

Case No:	2018-0091			Date of visit:	08/03/2018]				
Site No:	SS0589	Inspector: WJM								
Dogulto Cummon		Date of Notification								
Results Summary	Freq.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
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Report Summary	Data	la sa	and .	4						
Case Type	Date	Insp	2 nd Insp	4						
ECI	26/04/2018	WJIW	KAS	-						
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	1									
	1									







FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 SB0389
 DATE OF VISIT
 08/03/2018

 SITE NO
 SS0589
 SITE NAME
 Quilse

 INSPECTOR
 Warren Murray
 CASE NO
 20180091

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

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

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

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

Signed:

Fish Health Inspector

Date: 26/04/2018

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: 2018-0093			Date of visit: 15/03/2018			
Time spent on site:		Main In	spector: AJW			
Site No: FS0988	Site Name:	Ardgay Hatchery				
Business No: FB0402	Business Name:	Kyle of Sutherland DSF	3.			
Case Types: 1 PSI 2	3	4 5	6			
Water Temp (°C):	Thermometer No:		FHI 045 completed			
Observations:	Region: HI	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 sheet. If yes, see additional information/clinical score sheet.						
UNI/REG only - if unable to carry	out intended visit detai	il reason below:				

Additional Case Information:

Site currently mothballed. Fallow since May 2017 when fry were stocked out into the Shin tributaries. No plans to use the site in the immediate future but want to keep it active as may be used for restoration work on the Shin possible work with smolts being held until maturity.

The site is authorised as; restocking site, moving fish out with river catchment (RSS). Indicated that fish have not been moved between catchments for at least 10 years however on producing a map the hatchery is located outwith the Shin catchment and the Okyel super catchment and the site will therefore remain a RSS.

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017	
Case Number:	2018-0093		Site No:	FS0988		Insp:	AJW	
Date of Visit	15/03/2018		No of m	No of movements/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	00		
эресіез	compartment in Number of supp	ocluding third country	0		18 10	26 14	-	
Movements off	Frequency of m		0			10	6	
Expecure via water	Number of dest	Site contacts	_			10	3	
Exposure via water Water contacts with other	Farm is protect	ed (secure water supply through	, <u> </u>	I-5	0-10			
farms (holding species	disinfection or b		0					
susceptible to same		or in a coastal zone with category I	_		4			
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					-	
	farms upstream	or within 1 tidal excursion	1	4	8		-	
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	1			0	
the rules of the directive	Processing own	n fish (re-cycling risk)	1	1			H	
	Processing fish	from MS of equivalent status	2	•			-	
	Processing fish from zone or compartment of			-			-	
	equivalent status							
	Processing fish	from Category III farm	8					
	Processing fish	from Category V farm	10					
Disposal of fish and fish by-	Site's own wast	e only processed.	0	1			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	, 1			0	
γ	Feeding unpas	·	5					
Biosecurity	<u> </u>	Number of sites		J 2 or 3	≥ 4			
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0	
	Sites sharing st	aff and equipment	0		2		H	
Disinfection of equipment	Yes			!]				
between sites, use of	No		0	-			0	
footbaths etc	INO		1]				
CoGP/Regulator				7				
Practices in accordance with regulator or industry	Yes		0					
code of practice	No		3				3	
Platform access to cages	Yes			1				
i iatioini access to cages	No		0				U	
	INU		1 2	J				
					Total		13	
					Rank		LOW	

FHI 059, Version	on 11			Issued by: F	HI		Date of iss	ue: 12/09/2017
Case No:	2018-0093		Site No:	FS0988]			
Date of case:	15/03/2018		1		Inspector(s):	AJW		
Business/site of	contacts correct	? (if no updat	te site summ	ary sheet)			N	
Site Details								
Total No facilit	ies	1	No facilities	stocked	O			
Species	fallow							
Age group No Fish	-				ļ			
Mean Fish Wt	-							
Next Fallow Da	ate (Site)	N/A		Next Input D)ate (Site)	none planed		
	spection: (ECI or		19/05/2016		Pate (Oile)	none planea		
Date of last ins	spection. (ECI of	F31)	13/03/2010	1				
-	reased or atypic	al mortalities	? (last 4 wee	eks).			N	
If yes, detail:								
e.g. site average, max								
per cage								
po. cago								
Any increased	mortalities? (sin	ce last inspe	ection.)				N	
If yes, detail:			,					
How are morta	llities disposed o	of?					Other (detail)	
	N/A as unused		ial				,	
							N	
If yes, detail:	s? (since last ins	spection)		7		1	N	
Other:								
•	site? (since las	st inspection)					N	
If yes, detail:								
Has any anima	al health surveilla	ance or diagr	nostic investi	igations been	carried out by,	or on behalf	N	
of, the busines								
Any significant	results?							
If yes, detail								
Is there a histo	ry of sea lice iss	sues at the si	te in previou	s 4 years			N/A	
If yes, detail:								
Has site heen	able to keep lice	levels helov	v the recomn	mended lice le	avels?		N/A	
If no, detail:	able to keep lice	ievels belov	v tile recomi	nended lice it			14// (
	harge for sea li	ce in place?		-			N/A	
If yes, detail:				J		.		
Where sea lice	e treatments hav	e been admi	inistered hav	e they had ar	n effect?		N/A	
If no, detail:				·				
Is a managem	ent area agreen	nent in place	?				N/A	
	GP Farm manag			chrony?			N/A	
	_							
	scapes? (check		ne call)				N/A N/A	
If yes, detail:	(since last inspe	ection)					IN/A	
(include date)								

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

Any significant changes to your biosecurity procedures since previous visit?

Y

Site mothballed

Case No:	2018-0093			Date of visit	: 15/03/2018	В		
Site No:	FS0988]		Inspector	: AJW]		
Results Summary	Freq.			Da	ate of Notifica	ation		
	· ·	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
				1				
				<u> </u>	<u> </u>	-		
					-	-		
					-	-		
Papart Cummary			<u> </u>					
Report Summary	Data	la sa	and .	4				
Case Type PSI	Date Date	Insp	2 nd Insp	4				
PSI	23/03/2018	AJW	ALW	4				
				4				
				4				
				4				
				-				
				-				
				-				
	+			-				
	+			-				





Kyle of Sutherland DSFB. Kincardine Hatchery Ardgay Sutherland IV24 3DJ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0402Date of Case15/03/2018Site NoFS0988Site NameArdgay HatcheryInspectorAmanda WalkerCase No20180093

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 third 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

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: 23/03/2018

FHI 059, Version 11	Issued by: FHI	Da	ate of issue: 12/09/2017
Case No: 2018-0094		Date of vi	sit: 19/03/2018
Time spent on site: 0.5 hrs		Main Inspector:	WJM
Site No: SS0377 Site Nar			
Business No: SB0247 Busines	s Name: Oakes Marine		
Case Types: 1 REG 2	3 4	5 6	\supset
Water Temp (°C): 4 Thermo	meter No:	FHI 045 c	ompleted
Observations: Region:	HI Water type	: S CoGP	MA:
Dead/weak/abnormally behaving fish prese	ent? N/A If yes, see	additional information/clini	cal score sheet.
Clinical signs of disease observed?		additional information/clini	
Gross pathology observed?	N/A if yes, see	additional information/clini	cal score sneet.
Diagnostic samples taken?			
UNI/REG only - if unable to carry out intend	led visit detail reason below:		

Additional Case Information:

The Moll is currently fallow and has been for last few years. Site can only be accessed with diving gear. No movements since the last inspection. No real plans to restock with plans to potentially use it as a seaweed farm. Have been putting droppers into the water at various times of the year to see what species of sea weeds grow.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0094		Site No:	SS0377				
Date of Visit:		19/03/2018	В		Inspector(s):	WJM		
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		ite representa	itive?			Y N	
Site Details								
Total No facilities		1	Facilities sto	cked	0	No facilitie	s inspected	1
Species	PMA							
Age group								
No Fish								
Mean Fish Wt								
Next Fallow Date (S	ite)	fallow now		Next Input Da	ate (Site)	unknown		
					1			
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	(since last	visit)?	N/A
If yes, detail:								
Movement Records	S							
1. Movement record	ls available fo	or inspection?						Y
2. Date of last inspe		· ·					25/06/2014	
3. Are records comp		ectly entered	?				-	Y
4. Are movement re	cords availab	le for dead fis	sh and waste?					N/A
5. Are records comp	olete and corr	ectly entered	?					N/A
6. Are health certific				ıble?				N/A
Transport Records	;							
1. Are any movemen	nts carried ou	ıt by (or on be	half) of the bu	siness (not us	ing a STB)?			
If yes, is there a sys	tem in place t	for maintenan	ce of transpor	tation records	?			
Mortality Records								
1. Mortality records	available for i	inspection?						N/A
2. How are mortalities					Other (detail)			
If other detail:		s left on sea b	ed		,			
3. Mortality records								N/A
4. Recent mortality ((last 4 wks):		no mortalitie	S				
5. Evidence of recer	nt increased/a	atypical morta	lities?					N
If yes, facility nos/no	mortality per	r facility/no sto	ock per facility	reason:				
6. Any other peaks i	n mortality du	iring period ch	necked?					N/A
If yes, detail:		d. 1945 - 1						N1/A
7. Have increased (unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:	rantal haan ra	ported to EU	2 If no odd M	PT cose and a	enter on morte	lity evente e	hoot	N/A
8. Have 'mortality ev	rents been te	poned to FHI	r ii no, add M	r i case and e	enter on morta	mry events s	nieet.	IN/A

Treatments and Medicines Records	
1. Recent treatments (last 4 wks)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	N/A
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: 25/06/2014 - 19/03/2018

FHI 059, Version 11 Issued by: FHI Date of issue: 12/09/2017 Case Number: 2018-0094 SS0377 Site No: Date of Visit WJM 19/03/2018 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 0 Susceptible to Marteilia refringens (OED, MED) 0 3 0 Susceptible to OsHV (CGI) 0 3 0 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 0 0 1-2 >3 Live shellfish movements 0 5 10 O Frequency of movements on from equivalent MS Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 0 Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management 0 2 1 0 Frequency of movements off 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

OW

	Case No:	2018-0094			Date of visit:	19/03/2018					
Results Summary Freq. Database Insp Phone Insp Writing Insp 2 nd Insp	Site No:	SS0377	1	Inspector: WJM							
Database Insp Phone Insp Writing Insp 2 nd Insp	Results Summary	Freq.									
			Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
		<u> </u>									
		<u> </u>									
		<u> </u>									
		1									
		.									
Report Summary	Report Summary				1						
		Dete	laaa	ond .	4						
	Case Type										
REG 26/03/2018 WJM AJW	REG	26/03/2018	VVJIVI	AJW							
		+									





Oakes Marine Old Mission House Sconser Isle of Skye IV48 8TD

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0247DATE OF VISIT19/03/2018SITE NOSS0377SITE NAMEThe MollINSPECTORWarren MurrayCASE NO20180094

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

The information required for the public record of aquaculture production businesses regarding the sites 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 the sites 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.



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	of issue: 12/09/2017
Case No: 2018-0095			Date of visit:	20/03/2018
Time spent on site:	2 hrs	Mair	n Inspector:	WJM
Site No: FS1310 Business No: FB0134	Site Name: Business Name:	Loch Pooltiel Kames Fish Farming	g Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	4 5	6]
Water Temp (°C): 6.7	Thermometer No:	Site	FHI 045 comp	pleted
Observations:	Region: HI	Water type:	S CoGP MA	: M-25
Dead/weak/abnormally behavir Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additi	ional information/clinical ional information/clinical ional information/clinical	score sheet.
UNI/REG only - if unable to car	ry out intended visit detai	il reason below:		

Additional Case Information:

Fish first arrived on site 07/11/2017 from Torhouse Mill.

Barge may be installed within the next year, hinges on the number of pens they decide to set up. If less than 6 pens, barge may not be installed.

Currently unsure on exact harvest plans. Aiming to harvest a total of 300 tonnes but whether that be live or dead remains to be decided. If decide to harvest live fish, it will be done in approx. 6 x 50 tonnes. If not, then it will be done in approx. 15 x 20 tonnes dead haul.

Fish are on an alternating diet of 1 month standard feed followed by 1 month on functional feed. Increases resistance to sea lice by building up a thicker mucus layer.

Mortalities are put in sealed containers and taken by boat round the shorebase at Dunvegan before being collected and taken on to Binn Farm at Glenfarg which is an anaerobic digestion plant.

FHI 059, Version 11			Issu	ed by: FHI			Date of issue	e: 12/09/2017
Case No:	2018-0095		Site No:	FS1310				
Date of Visit:		20/03/2018			Inspector(s):	WJM		1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		te representa	tive?			Y N	
Site Details								
Total No facilities		2	Facilities sto	cked	2	No facilitie	s inspected	2
Species	RTR							
Age group	2017							
No Fish	99,686							
Mean Fish Wt	738g							
Next Fallow Date (S	ite)	December 20)18	Next Input Da	ite (Site)	March 201	9	
Recent (last 4 wks) (disease probl	ems?		N	Any escapes	(since last	visit)?	N
Movement Records								
Movement record		r increation?						Y
2. Date of last inspe		i ilispection:					first inspection	
3. Are records comp		ectly entered?					mot mopeoti	Y
4. Are movement re-		•						Y
5. Are records comp								Y
6. Are health certific	ates for introd	luctions (outw	ith GB) availa	ble?				N/A
Transport Records	i							
1. Are any movement of yes, is there a systematical syste								N
Mortality Records	iciii iii piace i	or maintenant	or transpor	tation records	·			
mortanty records								
1. Mortality records a		•						Y
2. How are mortalities					Other (detail)			
If other detail:				bic digestion p	plant at Glenfa	arg.		
3. Mortality records of	•			/ / 00/00 4	10 /1 04/00	07 / 47	/00 04 fr I	Y
4. Recent mortality (•			, w/b 03/03 - 4	10, W/b 24/02 -	· 27, W/D 17/	02 - 21 for Wr	
5. Evidence of recent increased/atypical mortalities? If yes, facility nos/no mortality per facility/no stock per facility/reason:							N	
ii yes, racility 1105/110	mortality per	Tacility/110 Sto	ck per racility/	reason.				
6. Any other peaks in	n mortality du	ring period ch	ecked?					N
If yes, detail:		0 1 2 2 3 3 1						
7. Have increased (u	unexplained) i	mortalities bed	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	llity events s	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)?	N
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	N/A
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	У
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?	Y
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	'
Results of Surveillance	
Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Ÿ
3. Any significant results?	N
If yes, detail (if not detailed under recent disease problems).	

Records checked between: FIRST INSPECTION

FHI 059, Version 11		Issued by: FHI			Date	of issue	: 12/09/2017
Case Number:	2018-0095		Site No:	FS1310		Insp:	WJM
Date of Visit	20/03/2018		No of m		Score		
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	0
	Number of sup	ncluding third country	0			14	0
Mayana anto aff			0				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 upstrean	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 upstrean	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 rules of the directive	Processing ow	n fish (re-cycling risk)	1	1			ш
	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			ш
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0]			
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	-]			0
·	Feeding unpas	teurised feed	5				-
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0]			0
between sites, use of footbaths etc	No		1				
CoGP/Regulator				-			
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes						0
	No		2				\vdash
					Total Rank		MEDIUM
					Nain		MEDIOW

						_	
Case No:	2018-0095		5	Site No:	FS1310]	
-	(Seawater Sites Only)	in the previous 4 years	22				N
•	enced sea lice problems				ana alaan basis?		IN V
	Management Area (or e		-				Y
azamethiphos and em can these be deployed	access to a range of lice amectin benzoate) as a din a reasonable period cumented farm manage equivalent)?	well as access to suitable of time?	ole biological a	nd/or mec	hanical control meas		Y
5. Are sea lice count re	ecords available for ins	pection? (Legal SSI, Co	GP Annex 6)				Υ
6. Do records adequat	ely reflect the required	standard specified in th	ne SSI and the	CoGP? (L	egal SSI, CoGP Ann	nex 6)	Υ
7. Are sea lice (<i>L. saln</i> records are inspected	nonis) record levels bel (CoGP Annex 6)	ow the suggested criter	ria for treatmer	nt in the Co	oGP during the perio	od that	Υ
8. Have average adult records are inspected	female sea lice (<i>L. salı</i> ?	monis) numbers per fisl	h been at a lev	el of 3 or a	above during the per	riod that	N
If yes, have these bee	n reported to the Fish H	lealth Inspectorate? If r	no, FHI see cor	mment.			N/A
9. Is <i>C. elongatu</i> s infe	station at a level which	is considered to cause	significant wel	fare proble	ems? (CoGP 4.3.81,	, 5.3.50)	N
	reatments been adminicreatment or where <i>C. e</i>						N/A
11. Has any other acti	on been taken (where a	applicable)?					N/A
•	reatments or the action		nt impact upon	the lice le	vels recorded?		N/A
•	nere conducted, carried	_					Y
	ng strategy for the site,	·	•	~		ent for	Y
-	cific written lice manage scalation of a sea lice in	•	aypoints descr	ibing set a	actions to deal with r	ecognised	Υ
16. Does the stock on reasons.	site appear satisfactory	in relation to sea lice lo	evel and sea li	ce count d	lata? If no please de	etail	Υ
Containment Inspect	ion						
•	nced equipment dama	ge due to predators in the	he current or p	revious pr	oduction cycles?		N
	ace to mitigate against t						Y
A.D.D., Tensioned N		no production expension	ou on one. (Be		7		'
·							
If other, detail below	:						
3 Have escape incide	ents or events been exp	perienced on or in the vi	icinity of the sit	e since the	e last FHI inspection	1?	N
•	estions 4 – 9. If No skip		ionity of the sit	o since th			
	ported to Scottish Minis	•					
5. Have these been re	ported to local DSFB fo	orthwith (where they exis	st)? (CoGP – 4	4.4.37, 5.4	l.17)		
3. Have these been re	ported to the SSPO and	d local fisheries trusts fo	orthwith (where	they exis	t)? (CoGP – 4.4.37,	5.4.17)	
7. Were methods (if a	ny) used to recover esc	apees? If yes give deta	iil				
0.14 =:11 == 1					11	u: - I-	
8. If gill nets were dep Ministers? (Legal, Co0	loyed was this action ag GP – 4.4.38, 5.4.18)	greed with local wild fish	n interests and	was perm	ission given by Scot	ttish	
9. What action was tal	ken to prevent and mini	mise the risk of further	escapes? (Not	covered in	n code but could		
be considered unde	er satisfactory measur	res of the Act)					
10. Is the site inspecte	ed as satisfactory with re	egards to containment?	If no, please o	detail 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: 2018-0095	Site No: FS1310	
Date of Visit: 20/03/2018	8 Inspector: WJM	
Point of Compliance		
1. Is the farm under inspection located If N, no further questions require comp	-	Y
Points of Compliance for Both Farm	Management Agreements and Statements	
3. Is the current FMAg/S available for 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 Arrangements for The Management 13. Does the FMAg/S identify arrangen	of Sea Lice nents for the sharing of data on sea lice number	or farm? Y Y The the area or the Pad fish from any The treatments? Y Y Y Y Y Y Y Y Y Y Y Y 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 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 individ	lual farms?
Fallowing		
21. Does the FMAg/S identify the date date when a farm or area may be resto	s by which the area or individual farm will be fallow ocked?	and the earliest Y
22. Does the FMAg/S identify whether agreement or statement?	one or more year classes may be stocked onto site	es covered by the Y
23. Does the FMAg/S identify whether covered by the agreement or statemer	broodstock or potential broodstock are to be kept ont?	on 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	e, or cease to be,
Management and operation		
25. Is the fish farm being managed and	d operated in accordance with the agreement or sta	atement?
26. What is the version no/date of issu	ue of the FMAg/S?	

Case No:	2018-0095			Date of visit	: 20/03/2018	B			
Site No:	FS1310]		Inspector	: WJM]			
Results Summary	Freq.		Date of Notification						
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Report Summary		I	T T	7					
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Case Type ECI/CNI/SLI	Date 26/03/2018	Insp	2 nd Insp AJW	-					
LCI/CINI/SLI	20/03/2010	VVJIVI	AJVV	-					
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Kames Fish Farming Ltd Kilmelford Oban Argyll PA34 4XA

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0134Date of Visit20/03/2018Site NoFS1310Site NameLoch PooltielInspectorWarren MurrayCase No20180095

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 Aquaculture and Fisheries (Scotland) Act 2007

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

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

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



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

FHI 059, Version 11		Issued by: FHI	Date of issue: 12/09/2017
Case No: 2018-0096			Date of visit: 21/03/2018
Time spent on site:	5 hrs	Main In:	spector: WJM
Site No: FS1309	Site Name:	Loch Snizort East	
Business No: FB0440	Business Name:	Grieg Seafood Shetland	Ltd
Case Types: 1 ESC	2 CNA 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA: M-24
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 car	ry out intended visit deta	il reason below:	

Additional Case Information:

Escape - 11/02/2018 (MSe110218SAL1)

Hole in net (2m H x 1m W) discovered in stock net. Repair panel put in place 12/02/2018 (am), complete net change carried out 13/02/2018. Root cause put down to wear from shackle due to slack in bridle. Wrong shackle type for cage/bridal design contributed to wear. Previous damage to net in same pen recorded in Dec. 2017 but was not raised with area manager at the time of the event. Area manager was not entirely happy with site when they started and was in preparation to make facilities more suitable for purpose when the escape took place. All slings and shackles have been replaced on every pen since the event and grid mooring system components have been overhauled to strengthen facilities.

A total of 21,712 SAL (2017 S1) @ approx. 2Kg escaped from pen 2. Fish were healthy. No attempt made to recapture.

Barge sank late November due to extremely bad weather conditions. It is currently still in the water but plans are being put in place to lift it during the summer 2018 and a new barge to be installed. Temporary container barge is currently on site.

Mortalities are put in sealed containers and taken by boat round the shorebase at Dunvegan before being collected and taken on to Binn Farm at Glenfarg which is an anaerobic digestion plant.

FHI 059, Version 11			Issu	ued by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0096		Site No:	FS1309				
Date of Visit:		21/03/2018			Inspector(s):	WJM		
Registration/Authornal 1. Business/site detail 2. Changes made to	ails summary		ite represent	ative?			Y N	
Site Details								
Total No facilities Species Age group	SAL 2017 S1	10	Facilities sto	ocked	7	No facilitie	s inspected	10
No Fish	400,972							
Mean Fish Wt	2.6 kg							
Next Fallow Date (S	ite)	Sep/Oct 201	8	Next Input Da	ite (Site)	Spring 201	19	
Recent (last 4 wks) If yes, detail:		ems? 0218SAL1 and	d additional in		Any escapes	s (since last	visit)?	Υ
Movement Record								
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?							Y Y Y Y N/A	
Transport Records	•							
1. Are any movement If yes, is there a sys		• `	,	•	,			
Mortality Records								
 Mortality records available for inspection? How are mortalities disposed of? Waste taken from site to Dunvegan before going on to Binn Farm Anaerobic Digestion Plant at the contraction of the contractio						Y at Glenfarg		
If other detail: 3. Mortality records complete and correctly entered? Y								
w/b 19/02 - 328 (0.08%), w/b 26/02 - 995 (0.25%), w/b 5/03 - 603 (0.15%), w/b 4. Recent mortality (last 4 wks): 12/03 - 433 (0.11%) for whole of site								
5. Evidence of recent increased/atypical mortalities?						N		
If yes, facility nos/no mortality per facility/no stock per facility/reason:								
6. Any other peaks in mortality during period checked?						N		
If yes, detail:				, =				
7. Have increased (If yes, detail action:	unexplained) i	mortalities be	en reported t	o vet or FHI?				N/A

N/A

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

If yes, detail: If yes, detail: 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? 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).	Treatments and Medicines Records	
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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?		
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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 no, detail:	
2. If yes, are results available for inspection? 3. Any significant results? ———————————————————————————————————	Results of Surveillance	
3. Any significant results?	1. Has any animal health surveillance been carried out by, or on behalf of, the business?	
	2. If yes, are results available for inspection?	
If yes, detail (if not detailed under recent disease problems).	3. Any significant results?	
	If yes, detail (if not detailed under recent disease problems).	
Records checked between: 08/11/2017 - 21/03/2018	Decerds shocked between 1 09/44/2047 24/02/2049	

Case No: 2018-0096 FS1309 Site No: Date of visit: 21/03/2018 Inspector(s): WJM Point of compliance Risk level Satisfactory? Requirement Comments and advice given or action taken if necessary **ENHANCED CONTAINMENT INSPECTION (SEAWATER)** a. Enquiry relating to i) escape incidents and ii) contingency procedures 11/02/2018 (MSe110218SAL1) 1.1. Have escape incidents or events been experienced on or in the vicinity of the site since the last MSS inspection? If ves answer 1.2-1.8: 1.2. Have appropriate reports been made to Scottish Government Hiah AAAH Regs⁴ 31D,E within 24 hours of discovery? 1.3. Have these been reported to the SSPO² and, where in Medium CoGP 4.4.37, 5.4.17 existence, the local DSFB and fisheries trust? 1.4. Were methods (if any) used to recover escapees? If yes give detail N/A 1.5 Was the decision to attempt to recapture and the method Low CoGP 4.4.38, 5.4.18 employed agreed with the local DSFB and FT 1.6. Was permission sought from Marine Scotland prior to Medium N/A CoGP 4.4.38, 5.4.18 recapture? N/A 1.7 Were the gill nets deployed in accordance with the permission CoGP 4.4.38, 5.4.18 Low issued by Marine Scotland? 1.8. In light of the escape event, has appropriate action been taken Hiah to prevent and minimise the risk of further escapes? 1.9. Is there a site specific contingency plan in response to failures Hiah in containment, aimed at preventing escapes and recovering SSI. 2.9 escaped fish? b(i). Inspection of records relating to equipment, facilities and the site CoGP: 4.4.9, 4.4.14, General records 2.1 With regard to each facility, net, screen and mooring at each SSI 2,1 site, a record should be maintained of:-Facilities Moorings Nets a) The name of the manufacturer Low b) Any special adaptations N/A N/A N/A Low c) The name of the supplier Low d) The date of purchase Low

Point of compliance	Risk level	Satisfactory?	Requirement		Comments and advice given or action taken if necessary
e) Each inspection including					
i) the name of the person conducting the inspection	Low	Υ	Υ	Υ	Sites first cycle. Fish only in since Nov. 2017.
ii) the date of each inspection	Medium	Υ	Υ	Υ	
iii) the place of each inspection	Low	Υ	Υ	Υ	
iv) the outcome of each inspection	High	Υ	Υ	Υ	
f) the date and result of each repair, equipment test and antifouling	High	N/A	N/A	Υ	
treatment carried out					
2.2. In relation to each net a record of:					
i) The mesh size	Medium	Y	SSI, 2,2		
ii) The code which appears on the identification tag	Medium	Y			
iii) The place of use, storage and disposal	Medium	Υ			
iv) The depth of water between the bottom of the net and the	Low	Υ			
seabed as measured at the mean low water spring					
2.3. In relation to each facility a record of:		N.			
i) The date of construction	Low	Y	SSI, 2,3		
ii) The material used in construction	Low	Y			
iii) Its dimensions	Low	Υ			
2.4. In relation to each mooring a record of-			SSI, 2,4		
i) The date of installation	Low	Υ			
ii) The design and weight of the anchors	Low	Υ			
iii) The length of the mooring ropes or chains	Low	Υ			
2.5. A record of any navigation markers deployed at each site at which fish are farmed	Low	Y	SSI, 2,5		
2.6 In respect of sites at which fish are farmed in inland waters ³			SSI, 2,6		
a) The type, method of and date of construction of any flood prevention or flood defence measures in place	Low	N/A	1		
b) The date of and results of any tests conducted on any such measures	Low	N/A			
c) The date of any incident where the site was flood	Low	N/A			
d) The water course height during any such flood incident	Low	N/A			
2.6 A record of-			SSI, 2,7		
a) The date of any severe weather event which caused damage	Medium	Y	SSI, 2,11 (a)		Extreme weather believed to be reason behind sinking of the barge.
to any facility, net or mooring					Still in water but plan to lift it during the summer
b) Any action taken to rectify any such damage	High	Y	SSI, 2,11 (b)		Container barge currently in place. Plans for new barge to be installed.
Pen and mooring systems					
2.7 Are there documented procedures maintained regarding the selection and installation of pens and moorings?	High	Υ	CoGP 4.4.8, 4.4	.13	

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
2.8 Can the site demonstrate evidence that the design specification of pens and moorings are suitable for purpose and correctly installed?	High	Υ	CoGP 4.4.9, 4.4.14	Mooring system has been reconstrucetd (anchors, buoys & net weights increased) and all slings and shackles have been replaced to make site more suitable for conditions.
2.9 Do pen systems meet the manufacturers guidelines?	High	Y	CoGP 4.4.10	
2.10 Are pen systems inspected and approved by suitably qualified / experienced person(s)?	High	Y	CoGP 4.4.11	
2.11 Is there evidence of the competence of personnel involved in the design, installation and maintenance of pen and mooring systems?	High	Y	CoGP 4.4.12, 4.4.15	
2.12 Are pen and mooring components inspected with a) a documented SOP	High	Y	CoGP 4.4.16	
b) a documented inspection plan based on a risk assessment				
2.13 Do all nets used on site meet industry standards?2.14 Can the site demonstrate an awareness of the minimum fish size in relation to net size	High High	Y Y	CoGP 4.4.17 CoGP 4.4.19	
2.15 Does the net design, quality and standard of manufacture take into account the conditions that are likely to be experienced on site and include adequate safety margins?	High	Y	CoGP 4.4.20	
2.16 Are nets treated with a UV inhibitor?	Low	Υ	CoGP 4.4.21	
2.17 Are nets tested at a pre-determined frequency?	High	Υ	CoGP 4.4.22	
2.18 Is the method of test procedure based upon the manufacturers advice?	High	Υ	CoGP 4.4.22	Nets sent to Shetland net services for testing
2.19 Are frequent net inspections conducted to look for damage?	High	Y	CoGP 4.4.23	
2.20 Are net inspection records maintained?	High	Υ	CoGP 4.4.23	
2.21 Is the system by which nets are attached to the pen and weighted inspected frequently?	High	Υ	CoGP 4.4.24	
2.22 Where damage to nets and/or associated fittings has occurred, or the potential for damage exists, has remedial action been taken?	High	Υ	CoGP 4.4.25	
b(ii). Inspection of records relating to training				
3.1 Are training programmes and plans relevant to the various onsite activities documented?	High	Y	CoGP 7.1.8	
3.2 Is there a satisfactory record of all training and qualifications for each person working at the site in relation to any boat operations? (This excludes well boat operations)	High	Υ	SSI 2,6,a	

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
		,		3
3.5 With respect to any transfer of or handling of fish is there a	High	Υ	SSI 2,7,a	
record of all training of each person working on site in relation to				
containment and prevention of escape of fish, and recovery of escaped fish?				
escapeu nan:				
b/iii\ Increasion of records relating to precedures and risk asso	o a manta			
b(iii). Inspection of records relating to procedures and risk asse				
4.1 Are procedures which could increase the risk of fish escaping	High	Y	CoGP 4.4.29, 5.4.12	
considered to be carefully planned and supervised to minimise risk?				
4.2 Before procedures are conducted on site, are the following in			CoGP 4.4.30, 5.4.13	
place:			SSI 2,7, b , SSI 2, 8, c	
a) a documented risk assessments	High	Υ		
b) standard operating procedures	High	Υ		
c) contingency plan	High	Υ		
4.3 In relation to any boat operations at each site at which fish are				
farmed is there a record of				
-The type and size of each boat used for operations on the site	Low	Υ	SSI 2,6,b	
- The type and size of any propeller guard fitted to each boat used	Low	Y	SSI 2,6,c	
on the site				
4.4 Does the site suffer from regular or heavy predation?		N		
4.5 Are there records of site specific risk assessments ascertaining the risk of predator attack?	Medium	Υ	CoGP 4.4.26	
4.6 Are there risk assessments undertaken on a pre-determined frequency?	Low	Υ	CoGP 4.4.26	
4.7 A record of any anti-predator measures undertaken at each site at which fish are farmed including:			SSI, 2,8,a	
The type and location of each net, fence and scarer deployed	Medium	Υ		
- The use of lethal means by any person involved in operations on	Low	Y	SSI, 2,8,b	
the site				
4.8 Where predator nets are deployed is the advice of Annex 7 considered?	Low	Υ	CoGP 4.4.27	
c. Inspection of site and site equipment				
5.1 Are there any obvious containment issues on the site?	High	N		
5.2 Is the net mesh size considered to be capable of containing all	High	Υ	CoGP 4.4.18	
fish sizes present on site?				

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
5.3 Do nets carry numbered ID tags?	Low	Υ	SSI 2,2 ii	
Look at a percentage of nets on site - Does the net location meet the inventory?	Low	Y		
5.4 Are nets stored away from direct sunlight?	Low	Υ	CoGP 4.4.21	
5.6 Are appropriate measures in place to mitigate predation on site? (Provide detail if necessary)		Y		
5.7 Are boat operations conducted in such a manner which prevents damage to nets and pens?	High	Y	CoGP 4.4.28	
5.8 Is there a requirement for navigation markers to be deployed?	Low	Y	MSA ⁵ 2010 P4, S21	
5.9 If yes, has this been done in accordance with the necessary requirements?	Low	Y	MS Marine licence	
5.10 If Yes to 5.8 is there a record of any navigation markers deployed?	Low	Y	SSI 2,5	
d. Inspection of site specific procedures		la.va		
6.1 Are pen nets examined for holes, tears or damage prior to and during the stocking, moving or crowding of fish?	High	N/A	CoGP 4.4.31	No site specific procedures observed during site inspection.
6.2 If helicopter transfer of fish is conducted are receiving pen(s) properly prepared:-			CoGP 4.4.32	
a) nets should be secure	High	N/A	1	
b) pens should be marked with buoys clearly visible from the air	High	N/A	1	
c) radio contact between farm staff and helicopter crew should be maintained or where this is not possible, pens receiving fish should be manned	High	N/A	CoGP 4.4.33	
Consideration should be given to all other site procedures being undertaken during the visit with respect to containment and the risk of fish farm escapes				

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
Additional actions	Powers			Comments and advice given or action taken if necessary
e) Collection of samples If necessary collect samples. Indicate if samples have been taken and detail what those samples are and the purpose of their collection	Power grante	ed under the Act	- section 5 (3) (a)	
h) Enforcement Notice. If an enforcement notice has been issued then maintain a copy / duplicate and record detail Guidance on completing the Enforcement Notice	Power grante	ed under the Act	- Section 6 (2)	

1 An 'escape event' can be defined as any circumstances on or in the vicinity of a fish farm which are believed to have caused an escape, or which may have given rise to a significant risk of an escape of fish.

2 FHI interpretation – Informing the SSPO is only a requirement where the site belongs to an Authorised Production Business which is signed up to the CoGP.

- 3 being waters which do not form part of the sea or any creek, bay or estuary or of any river as far as far as the tide flows
- 4 The Aquatic Animal Health (Scotland) Regulations 2009 (as amended)
- 5 The Marine Scotland Act 2010

Case No:	2018-0096			Date of visi	t: 21/03/201	8		
Site No:	FS1309]		Inspector	r: WJM			
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
						 		
Report Summary				٦				
Case Type ESC	Date	Insp	2 nd Insp					
ESC	29/03/2018	WJM	AJW					
CNA	02/05/2018		RJS					
Case Completion	05/06/2018		DJT					





Grieg Seafood Shetland Ltd Gremista Lerwick Shetland ZE1 OPX

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0440 SITE NO FS1309 **INSPECTOR** Warren Murray **DATE OF VISIT** 21/03/2018 SITE NAME

Loch Snizort East

CASE NO 20180096

ENHANCED CONTAINMENT INSPECTION

An enhanced inspection to ascertain the risk of escape from the fish farm was conducted in accordance with the Aquaculture and Fisheries (Scotland) Act 2007.

The visit consisted of an inspection of facilities, records and the provision of advice.

a) Inspection of i) escape incidents and ii) contingency procedures

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

b)i) Inspection of records relating to equipment, facilities and the site

The site meets the requirement of current Scottish industry best practice. However, due to the issues associated with the breach in containment reported on 12 February 2018 a review of the equipment in use at the site and the documented procedures in place regarding their selection and installation would have been required. It was noted during the inspection that this had already occurred and changes had been implemented.

In addition, due to the issues associated with the breach in containment reported on 12 February 2018, the following recommendations are made for improvement.

It is recommended that a documented review is undertaken to identify and implement any improvements required in the documented standard operating procedure and inspection plan, based on risk assessment, of the pen and mooring components as detailed in A Code of Good Practice for Scottish Finfish Aquaculture (CoGP) (chapter 4, section 4.16).

It is also recommended that a documented review is undertaken to identify and implement any improvements required in the appropriate procedures and remedial action which should be taken where damage to nets and associated fittings has occurred (or the potential for damage to occur is apparent), as detailed in A Code of Good Practice for Scottish Finfish Aquaculture (CoGP) (chapter 4, section 4.25).

It is also recommended that in accordance with A Code of Good Practice for Scottish Finfish Aquaculture (CoGP) (chapter 4, section 1.6 and chapter 7, section 1.8), appropriate training and recording should be provided in any changes to procedures or in use of equipment identified by these documented reviews.

b)ii) Inspection of records relating to training

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

b)iii) Inspection of records relating to procedures and risk assessments

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

c) Inspection of site and site equipment

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

d) Inspection of site specific procedures

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

Further Action

The recommendations in this report should be implemented by 01/11/2018. Documentation should be provided as evidence that the recommendations have been implemented. Enforcement action may result if the recommendations are not implemented in the necessary time frame. Records should be sent to Marine Scotland Science's Fish Health Inspectorate (FHI) (contact details are provided below).

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



Date: 2/05/2018

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





Grieg Seafood Shetland Ltd Gremista Lerwick Shetland ZE1 OPX

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOFB0440DATE OF VISIT21/03/2018SITE NOFS1309SITE NAMELoch Snizort EastINSPECTORWarren MurrayCASE NO20180096

Case completion report

Recommendations in relation to the above case were made for implementation by 01/11/2018. 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: 05/06/2018
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





Grieg Seafood Shetland Ltd Gremista Lerwick Shetland ZE1 OPX

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0440 SITE NO FS1309 INSPECTOR Warren Murray

SITE NAME

DATE OF VISIT 21/03/2018

Loch Snizort East

CASE NO 20180096

The site was inspected following notification of an escape of 21,712 Atlantic salmon on 11/02/2018.

An enhanced containment inspection was conducted and a report will be issued separately.

All epidemiological units were inspected.

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

Signed:

Date: 29/03/2018

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: 2018-0097			Date of visit: 22/03/2018
Time spent on site: 4	5 min	Main	Inspector: WJM
Site No: SS0741	Site Name:	Loch Harport	
Business No: SB0448	Business Name:	Isle of Skye Mussel Co	ompany Ltd
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA:
Dead/weak/abnormally behaving	fish present?	N/A If yes, see addition	nal information/clinical score sheet.
Clinical signs of disease observe	d?		nal information/clinical score sheet.
Gross pathology observed?			nal information/clinical score sheet.
Diagnostic samples taken?		N/A	
UNI/REG only - if unable to carry	out intended visit deta	il reason below:	

Additional Case Information:

Been fallow since last inspection in 2014. Business owner trying to sell. No lines currently in the water. Business put up for sale December 2017 with 1 enquiry so far. If not able to sell will shut down sites. No lines could be seen in the water from shore.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0097		Site No:	SS0741				
Date of Visit:		22/03/201	8		Inspector(s):	WJM]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N	}
Site Details								
Total No facilities		0	Facilities sto	cked	0	No facilitie	s inspected	0
Species	fallow							
Age group No Fish								
Mean Fish Wt								
Next Fallow Date (S	ite)	fallow		Next Input Da	ate (Site)	none		
,	•				1			
Recent (last 4 wks)	disease probl	ems?		N/A	Any escapes	s (since last	visit)?	N/A
If yes, detail:								
Movement Record	s							
1. Movement record		r inspection?						Y
2. Date of last inspe		() (0				25/06/2014	· V
 Are records comp Are movement re 		•						Y N/A
 Are movement re Are records comp 								N/A N/A
6. Are health certific		•		able?				N/A
Transport Records		·	ŕ					
1. Are any movemen		• •		•				
If yes, is there a sys	tem in place i	or maintenar	nce of transpo	rtation records	?			
Mortality Records								
1. Mortality records	available for i	nspection?						N/A
2. How are mortalities		•						
If other detail:								
3. Mortality records	•	correctly en						N/A
4. Recent mortality (last 4 wks): N/A								
5. Evidence of recent increased/atypical mortalities? If yes, facility nos/no mortality per facility/no stock per facility/reason:							N/A	
If yes, facility nos/no	mortality per	facility/no st	ock per facility	/reason:				
6. Any other peaks i	n mortality du	ring period c	hecked?					N/A
If yes, detail:		- 3 F 2 2 G						
7. Have increased (unexplained) mortalities been reported to vet or FHI? N/A								
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FH	I? If no, add IV	IRT case and	enter on morta	ality 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)?		
If ves. detail:		

Treatments and Medicines Records		
1. Recent treatments (last 4 wks)?		
If yes, detail:		
If other, detail:		
Medicines records available for inspection?		
3. Are records complete and correctly entered?		
4. Are fish in a withdrawal period?		
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?		
Biosecurity Records		
Biosecurity records available for inspection?		
2. Has the manner and frequency of mortality removal, reco	ording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify S		
increased (unexplained) mortality at the site been included	?	
4. Has the action that will be taken in the event that the pres	·	
is detected been included and how and when that will be n		
5. Has the health status of aquaculture animals being stock	ed on the farm site been covered (equal or higher	
health status, certification if required)?		
6. Have the husbandry and biosecurity measures implemen		
transmission of disease been covered (movement of staff, v	· · · · · · · · · · · · · · · · · · ·	
7. Is documentation available regarding the measures in plants.	ace to maintain the physical containment of	
aquaculture animals held on site?		
8. Have the biosecurity procedures been adequately implen	nented on site?	
If no, detail:		
Results of Surveillance		
1. Has any animal health surveillance been carried out by, or	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: 25/06/2014 - 22/03/2018

Case No:	2018-0097			Date of visi	t: 22/03/201	8		
Site No:	SS0741			Inspector	r: WJM			
Results Summary	Freq.	<u> </u>		D	ate of Notific	ation		
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Danart Cummarı	-	1	T	7				
Report Summary	D /		- nd -	4				
Case Type REG	Date	Insp	2 nd Insp	4				
REG	26/03/2018	WJM	AJW	4				
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				4				
				4				
				4				
				4				
								
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			1					





Isle of Skye Mussel Company Ltd Creagliath Torrin Isle of Skye IV49 9BA

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0448
SITE NO SS0741
INSPECTOR Warren Murray

DATE OF VISIT 22/03/2018
SITE NAME Loch Harport
CASE NO 20180097

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

The information required for the public record of aquaculture production businesses regarding the sites 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 the sites 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.



Date: 26/03/2018

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: 2018-0098			Date of visit: 22/03/2018
Time spent on site:	45 min	Main	Inspector: WJM
Site No: SS0701	Site Name:	Cruadhlinn, Loch Slap	
Business No: SB0448	Business Name:	Isle of Skye Mussel Co	ompany Ltd
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA:
Dead/weak/abnormally behaving	g fish present?	N/A If yes, see additio	nal information/clinical score sheet.
Clinical signs of disease observe	ed?		nal information/clinical score sheet.
Gross pathology observed?		N/A If yes, see additio	nal information/clinical score sheet.
Diagnostic samples taken?		N/A	
UNI/REG only - if unable to carr	y out intended visit deta	il reason below:	

Additional Case Information:

Site has been fallow since last inspection in 2014. Business owner trying to sell. No lines could be seen in the water from shore. Business put up for sale December 2017 with 1 enquiry so far. If not able to sell will shut down sites.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0098		Site No:	SS0701				
Date of Visit:		22/03/201	8		Inspector(s):	WJM]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N	
Site Details								
Total No facilities		0	Facilities sto	cked	0	No facilitie	s inspected	0
Species	fallow							
Age group No Fish								
Mean Fish Wt								
Next Fallow Date (S	ite)	fallow		Next Input Da	ate (Site)	no plan		
Recent (last 4 wks) If yes, detail:	disease probl	ems?		N/A	Any escapes	(since last	visit)?	N/A
Movement Records								
		r inapaction						Y
 Movement record Date of last inspe 		i irispection:					25/06/2014	'
3. Are records comp		ectly entered	?				20/00/2014	Y
4. Are movement re		•		•				N/A
5. Are records comp	olete and corr	ectly entered	?					N/A
6. Are health certific	ates for introd	ductions (out	with GB) availa	able?				N/A
Transport Records	•							
1. Are any movement of yes, is there a sys		• •		•				
Mortality Records	terri iri piace i	or maintena	ice of transpor	tation records				
								N/A
 Mortality records a How are mortalities 					Other (detail	\		IN/A
If other detail:	empty shells		hed		Other (detail))		
3. Mortality records								N/A
4. Recent mortality (•	,	no mortalitie	S				
5. Evidence of recer	nt increased/a	typical morta	alities?					N/A
If yes, facility nos/no	mortality per	facility/no st	ock per facility	/reason:				
6. Any other peaks i	n mortality du	ring period o	hackad?					N/A
If yes, detail:	ir mortality du	ing pendu t	HOUNGU!					14//\
7. Have increased (unexplained)	mortalities b	een reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FH	I? If no, add M	RT case and	enter on morta	ality events s	sheet.	N/A

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

25/06/2014 - 22/03/2018 Records checked between:

FHI 059, Version 11	Issued by: FHI			Date	of issue: 1
Case Number:	2018-0098 Site No:	SS070)1		
Date of Visit	22/03/2018 Inspector:	WJM]	
Number of Susceptik	ole species on site				
-	ies present = LOW risk				
	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	
Sites within a tidal ex	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal				
	excursion	0	2	10	
Live shellfish moven		0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	
	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 Areas	0	1	2	
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	
	Number of destinations	0	3	6	
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	
	Depuration of stock from other businesses sites within MSS management area	0	2	6	
	Depuration of stock from sites outwith MSS management area	0	4	8	
Biosecurity	Number of sites	1	2 or 3	≥ 4	
Contacts with other	Sites operating from single shorebase	0	1	2	
sites	Sites sharing staff and equipment	0	1	5	
			Yes	No	
	Disinfection of equipment between sites, use of footbath	s oto	0	2	

Total Risk

Case No:	2018-0098			Date of visit:	22/03/2018]		
Site No:	SS0701]		Inspector	WJM]		
Results Summary	Freq.			Da	te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
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Report Summary	1	I		1				
Case Type	Date	Insp	2 nd Insp	1				
REG	26/03/2018	Transfer of the second	AJW	1				
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				1				
	1			1				
	Ì			1				





Isle of Skye Mussel Company Ltd Creagliath Torrin Isle of Skye IV49 9BA

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0448 Date of Visit 22/03/2018

SITE No SS0701 SITE NAME Cruadhlinn, Loch Slapin

INSPECTOR Warren Murray **CASE No** 20180098

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

The information required for the public record of aquaculture production businesses regarding the sites 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 the sites 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.



Date: 26/03/2018

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	e: 12/09/2017
Case No: 2018-0099				Date of visit: 22/0	3/2018
Time spent on site:	30 min	M	ain Inspector	: WJM	
Site No: SS0234	Site Name:	Morsaig			
Business No: SB0448	Business Name:	Isle of Skye Musse	el Company L	td	
Case Types: 1 REG	2 3	4 5	5	6	
Water Temp (°C):	Thermometer No:]	FHI 045 completed	
Observations:	Region: HI	Water type:	S	CoGP MA:	
Dead/weak/abnormally behaving	-			nation/clinical score s	
Clinical signs of disease observed?	ed?			nation/clinical score s nation/clinical score s	
Gross parnology observed?		N/A	allional imom	Tation/Climical Score s	meet.
Diagnostic samples taken?					
UNI/REG only - if unable to carry	y out intended visit deta	il reason below:			

Additional Case Information:

Site has been fallow since last inspection in 2014. Business owner trying to sell. No lines could be seen in the water from shore. Business put up for sale December 2017 with 1 enquiry so far. If not able to sell will shut down sites.

FHI 059, Version 11			Issu	ed by: FHI			Date of issu	e: 12/09/2017
Case No:	2018-0099		Site No:	SS0234				
Date of Visit:		22/03/201	8		Inspector(s):	WJM]
Registration/Authornamental 1. Business/site detail 2. Changes made to	ails summary		site representa	itive?			Y N]
Site Details								
Total No facilities		0	Facilities sto	cked	0	No facilitie	s inspected	0
Species	fallow							
Age group								
No Fish								
Mean Fish Wt								
Next Fallow Date (S	ite)	fallow		Next Input Da	ite (Site)	no plan		
Recent (last 4 wks)	disease prob	lems?		N/A	Any escapes	(since last	visit\?	N/A
If yes, detail:	alocaco pros				rary occuped	(on too taot	violty.	14/14
Movement Records								
1. Movement record		or inspection?					25/06/2014	Y
 Date of last inspe Are records comp 		actly entered	2				25/06/2014	Y
4. Are movement re		•						N/A
5. Are records comp								N/A
6. Are health certific				able?				N/A
Transport Records		·	ŕ					
1. Are any movemen	nts carried ou	ıt by (or on be	ehalf) of the bu	siness (not us	ing a STB)?			
If yes, is there a sys	tem in place t	for maintenai	nce of transpor	tation records	?			
Mortality Records								
1. Mortality records	available for i	inspection?						N/A
2. How are mortalities		•			Other (detail)			
If other detail:	empty shells	s drop to sea	bed					
3. Mortality records	•	d correctly en	tered?					N/A
4. Recent mortality ((last 4 wks):		no mortalities	S				
5. Evidence of recer	nt increased/a	atypical morta	alities?					N/A
If yes, facility nos/no	mortality per	r facility/no st	ock per facility	/reason:				
G. Any other real	n mortalit	uring nariaal	الم ماده عا					N/A
6. Any other peaks i If yes, detail:	ii monality dt	anng penod c	пескец?					IN/A
7. Have increased (unexplained) mortalities been reported to vet or FHI?							N/A	
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FH	I? 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		

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

25/06/2014 - 22/03/2018

Case No:	2018-0099	1		Date of vis	it: 22/03/20	18		
	SS0234 Inspector: WJM							
Site No:								
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
					+	_	+	
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					+		+	+
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Report Summary	_	1	T	7				
Cose Type	Date	Inon	ond I	4				
Case Type REG	26/03/2018	Insp	2 nd Insp AJW	4				
REG	20/03/2010	VVJIVI	AJVV	4				
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				4				
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				1				
				1				
			_					





Isle of Skye Mussel Company Ltd Creagliath Torrin Isle of Skye IV49 9BA

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOSB0448DATE OF VISIT22/03/2018SITE NOSS0234SITE NAMEMorsaigINSPECTORWarren MurrayCASE NO20180099

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

The information required for the public record of aquaculture production businesses regarding the sites 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 the sites 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.



Date: 26/03/2018

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: 2018-0100			Date of visit: 22/03/2018				
Time spent on site:) min	Main Inspect	or: WJM				
Site No: SS0233	Site Name:	Site 1 (north)					
Business No: SB0155	Business Name:	Loch Eishort Mussel Centre					
Case Types: 1 REG 2	3	4 5	6				
Water Temp (°C):	Thermometer No:		FHI 045 completed				
Observations:	Region: HI	Water type: S	CoGP MA:				
Dead/weak/abnormally behaving to Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional info	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.				
UNI/REG only - if unable to carry out intended visit detail reason below:							
Could not get out to site as boat currently out of water for engine maintenance							

Additional Case Information:

Site could not be accessed due to boat being currently out of water for engine maintenance. Could see lines in the water from shore. All stock is from natural spatfall in the loch, no imports from other management areas, member states or third country. Droppers have been shortened and no longer reach the sea bed. This is to reduce fouling. 4 lines with stock ~5 years old is said to be heavily fouled and will be removed if buyer cannot be found. All harvest records well kept but are kept in a daily diary and not in movement record book. All stock that is harvested is harvested to order of local restaurants/hotels.

FHI 059, Version 11			Iss	ued by: FHI			Date of issue	e: 12/09/2017
Case No:	2018-0100		Site No:	SS0233	3			
Date of Visit:		22/03/20	18		Inspector(s):	WJM		
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		site represen	tative?			Y N	
Site Details								
Total No facilities		12	Facilities st	tocked	8	No facilitie	s inspected	0
Species	MED	MED	MED					
Age group	2017	2016	2013					
No Fish	2 Lines	2 Lines	4 Lines					
Mean Fish Wt	N/A	N/A	N/A					
Next Fallow Date (S	Site)	never fallo	W	Next Input D	ate (Site)	natural spa	atfall, no input	ts
Recent (last 4 wks) If yes, detail:	disease prob	olems?		N	N Any escapes	s (since last v	visit)?	N/A
Movement Record	c							
Movement record		nr inspection	2					Y
2. Date of last inspe		or mopeonori					25/06/2014	
3. Are records comp		rectly entere	d?					Y
4. Are movement re		•		?				N/A
5. Are records comp	olete and cor	rectly entere	d?					N/A
6. Are health certific	ates for intro	ductions (ou	twith GB) ava	ilable?				N/A
Transport Records	3							
1. Are any movement of yes, is there a sys		• •	•	· ·				
	item in place	TOT THAIRTIETTE	ance or trainsp	ortation records) :			
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortalities		•			Other (detail)		
If other detail:		s drop to sea	a bed		(1111)	/		
3. Mortality records								Y
4. Recent mortality	(last 4 wks):		no mortalit	es				
5. Evidence of recer	nt increased/	atypical mor	talities?					N
If yes, facility nos/no	mortality pe	r facility/no s	tock per facili	ty/reason:				
6. Any other peaks i	in mortality d	uring period	checked?					N/A
If yes, detail: 7. Have increased (unexplained) mortalities been reported to vet or FHI?								
If yes, detail action:	uriexpiained)	mortalities b	been reported	to vet of FHI?				N/A
8. Have 'mortality ev	rents' heen r	enorted to FI	HI2 If no add	MRT case and	enter on morts	ality evente e	heet	N/A
o. Have mortality ev	ACTION DECITION	sported to 11	ii: ii iio, auu	with case and	Citici on more	anty events s	11001.	14/7

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?						
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:						
ii no, dotaii.						
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).						

Disinfection of equipment between sites, use of footbaths etc

Yes

0

Total Risk No

Case No:	2018-0100			Date of visit	: 22/03/2018	В		
Site No:	SS0233]		Inspector	: WJM]		
Results Summary	Freq.	Date of Notification						
,	· ·	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	_							
						1		
	_				-	-		1
					<u> </u>	+	+	
				1	1	1		
	+	1		1	 	1		1
		1						
			<u> </u>			<u> </u>		
Report Summary				1				
Case Type REG	Date	Insp	2 nd Insp	1				
REG	26/03/2018	WJM	AJW	1				
	1			1				
				1				
				1				





Loch Eishort Mussel Centre 9 Drumfearn Sleat Isle of Skye IV43 8QZ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoSB0155Date of Visit22/03/2018Site NoSS0233Site NameSite 1 (north)InspectorWarren MurrayCase No20180100

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 could not be accessed due to the operators boat was out of the water for maintenance.

Records

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

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

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

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

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



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

Date: 26/03/2018