FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018					
Case No: 2019-0479			Date of visit: 10/09/2019					
Time spent on site:	hours	Main Inspec	etor:					
Site No: FS1262 Business No: FB0169	Site Name: Business Name:	Sgeir Dughall The Scottish Salmon Compa	any					
Case Types: 1 VMD	2 ECI 3 CNI	4 SLI 5	6					
Water Temp (°C): 13.5	Thermometer No:	T146	FHI 045 completed N/A					
Observations:	Region: HI	Water type: S	CoGP MA M-17					
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:								

Visit with Paperwork Inspection, and Sampling

Aird currently fallow. Sgier Dugall fallow by Thursday this week. Kenmore stocked.

Cleaner fish going with Harvest and killed at PP.

Mort disposal whole in Billy bowie skips

Freshwater and Mechanical treatments used on site. Thermolicer 5/9/19.

Only 5 thousand fish left on site - production morts due to crowding for harvest and post treatments

Wk31 308 morts - 0.12%, wk32 581 - 0.25%, wk33 761- 0.40, wk35 407- 0.23%, wk36 461- 0.33%,

Fish on site input from Aird and Kenmore in Dec 2018-Jan 2019.

Low level AGD (treated in January), background CMS, able to keep lice numbers down with freshwater and thermolicer treatments.

morts not above 1% since site input. Peak wk 14 2019 at 0.98%, 5315 fish attributed to post-treatment. Hydrolicer

SLICE December, Salmosan 18/7/19

No tricaine used currently as harvesting and 21 day withdrawal imposed by market.

Sea lice figures done weekly. Last count 21/8/19 average adult female 1.2. no counts since then due to harvest. Peak count 21/6/19 average adult female 4.12. Reported to FHI

Only able to get fish out of one pen due to the way the net was raised for harvesting in the other pen.

FMS needs to be updated - currently states that mortalities and waste will be incinerated on site, however VHP states that waste is collected in a skip and collected by Billy Bowie and taken to Dundas. Updated at time of inspection. No further action required.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0479		Site No:	FS1262				
Date of Visit:		10/09/2019]		Inspector(s):]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		ite representa	itive?			Y N	
Site Details								
Total No facilities		14	Facilities sto	cked	2	No facilitie	s inspected	2
Species	sal	lumps						
Age group	2018 S1	mixed						
No Fish	5,000	100						
Mean Fish Wt	5.5kg	mixed						
Next Fallow Date (S	ite)	This week		Next Input Da	ite (Site)	Oct 2020 f	rom Aird and	Kenmore
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:				•	, ,		,	
Movement Records	s							
Movement record	s available fo	r inspection?						Y
2. Date of last inspe							09/10/2017	
3. Are records comp		ectly entered?	•					Y
4. Are movement re		•						Y
5. Are records comp	lete and corre	ectly entered?	•					Y
6. Are health certific	ates for introd	luctions (outw	ith GB) availa	ıble?				N/A
Transport Records								
Are any movement		t by (or on be	half) of the hu	siness (not usi	ing a STR\2			N
If yes, is there a sys			•	•	_			
Mortality Records								
Mortality records :	available for i	nspection?						Y
2. How are mortalities		•			Whole fish - I	Dundas Che	emicals	
If other detail:								
3. Mortality records	complete and	correctly ente	ered?					Y
4. Recent mortality (last 4 wks):		see additiona	al info				
5. Evidence of recer	nt increased/a	typical mortal	ities?					N
If yes, facility nos/no		• •		/reason:				
6. Any other peaks i			necked?					Y
If yes, detail:	see addition							
7. Have increased (unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	RT case and e	enter on morta	lity events s	sheet.	N/A

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
1111 039, Version 12	issued by. I i ii	Date of issue. 00/10/2010
Recent treatments (last 4 wks)? If yes, detail:		N
If other, detail:		
2. Medicines records available for inspe	ection?	Y
3. Are records complete and correctly e	ntered?	Y
4. Are fish in a withdrawal period?	<u> </u>	N
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
1. Biosecurity records available for insp	ection?	Y
2. Has the manner and frequency of mo	ortality removal, recording and safe disposal bee	en considered?
3. Has the manner and period in which	the APB will notify Scottish Ministers or veterina	ry professional of any
increased (unexplained) mortality at the	e site been included?	Y
	e event that the presence or suspicion of the pred when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture health status, certification if required)?	animals being stocked on the farm site been co	vered (equal or higher Y
	measures implemented between each epidemio (movement of staff, visitors, equipment, live or d	
	the measures in place to maintain the physical	

8. Have the biosecurity procedures been adequately implemented on site?

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

If no, detail:

Results of Surveillance

3. Any significant results?

2. If yes, are results available for inspection?

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

Records checked between:

9/10/17 -10/9/19

						100	aca by.				
2019-04	179	Site No:		FS1262					10/	09/2019	10/0
VI		ВА		PA		MG				1	
12:0	0:00	13:0	0:00		Inspecto	or:			VMD No	o.	13
: 1	Indoors	2		3	=	4		5		1	
HIST		ва		MG		VI		PA		Total Sa	amples
1-2											
SAL											
5kg											
N/A											
SW											
					- 1						
					- 1						
					- 1						
					- 1						
					I						
0					I						
5											
	VI 12:0 : 1 HIST 1-2 SAL 5kg N/A	HIST 12:00:00 1 Indoors HIST 1-2 SAL 5kg N/A SW	VI	VI BA 12:00:00 13:00:00 1 Indoors 2	VI BA PA 12:00:00 13:00:00 1 Indoors 2 3 HIST BA MG 1-2 5kg N/A SW PA PA PA PA PA PA PA PA PA P	VI BA PA 12:00:00 13:00:00 Inspector : 1 Indoors 2 3 HIST BA MG 1-2 SAL SKg N/A SW	2019-0479 Site No:	Date of Samplin Site No: FS1262 Date of Samplin NG	2019-0479 Site No: FS1262 Date of visit/ Sampling: VI	VI	2019-0479 Site No: FS1262 Date of visit/ Sampling: Sampling: VI

09/2019	09/2019 Additional Sample Information:												
	Percussive blow.												
0	ı	Total To	ests ass	igned	0	l							

FHI 059, Version 12		Issued by: FHI Date of issue: 0					
Case Number:	2019-0479		Site No:	FS1262		Insp:	
Date of Visit	10/09/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			C	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	(5	10	14	0
with GB) of susceptible species		novements on from equivalent zone o	r	9	18	26	
·	Number of sup	ncluding third country pliers			10	14	-
Movements off	Frequency of n	novements off	1 () 3	6	10	10
Wovernerits on	Number of des				6	10	3
Exposure via water		Site contac	ts (1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	,	C)			
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		ш
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		ш
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent water	rs (1	2		0
On farm processing within the rules of the directive	No on farm pro		(0
	Processing ow	n fish (re-cycling risk)	1				
		n from MS of equivalent status	2	2			
	Processing fish equivalent state	4	<u>.</u>				
	_	n from Category III farm	8	3			ш
	Processing fish	n from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	(
products	Common proce	esses with other farms	3	3			3
	Collection poin	t for waste from other farms	5	5			
Use of unpasteurised feeds	No feeding of u	inpasteurised feed		- 			0
	Feeding unpas	teurised feed	5	5			
Biosecurity		Number of site	es 1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	C	1	2		1
	Sites sharing s	taff and equipment	(1	2		1
Disinfection of equipment	Yes						0
between sites, use of footbaths etc	No		1	1			ш
CoGP/Regulator				_			
Practices in accordance	Yes						0
with regulator or industry code of practice	No		3	3			
Platform access to cages	Yes						0
	No		2	2			
					Total Rank		20 MEDIUM

Case No:	2019-0479	Site No: FS1262						
Sea Lice Inspection (S	• •	s in the previous 4 years?	N					
•	•	quivalent) fallowed synchronously on a single year class basis?	Y					
	-	enced in-feed and bath sea lice medications (including deltamethrin,	Y					
azamethiphos and ema can these be deployed	mectin benzoate) as in a reasonable period	well as access to suitable biological and/or mechanical control measures, and of time?	4					
Management Area (or e	equivalent)?	ement agreement or statement relevant to the site and CoGP Farm	Y					
5. Are sea lice count re	cords available for ins	pection? (Legal SSI, CoGP Annex 6)	Υ					
6. Do records adequate	ly reflect the required	standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	Υ					
7. Are sea lice (<i>L. salmo</i> records are inspected?		low the suggested criteria for treatment in the CoGP during the period that	N					
_	•	<i>monis</i>) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or od that records are inspected?	t Y					
•	•	Health Inspectorate? If no, FHI see comment.	Υ					
9. Is <i>C. elongatus</i> infes	tation at a level which	is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	N					
•		stered or other actions taken when <i>L. salmonis levels</i> have exceeded the <i>elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	Υ					
11. Has any other action	n been taken (where a	applicable)?	Υ					
•	•	s taken had a significant impact upon the lice levels recorded?	Υ					
		out in cooperation between participating farms?	Y					
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?								
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised Y scenarios during the escalation of a sea lice infestation?								
16. Do the sea lice leve	ls observed on stocks	reflect sea lice count data? If no please detail reasons.	Y					
Containment Inspection								
•	• •	ge due to predators in the current or previous production cycles?	N					
2. Are measures in plac	ce to mitigate against t	the predation experienced on site? (Detail below)	Υ					
ADD top nets, seal bl	inds							
If other, detail below:								
			N					
•		perienced on or in the vicinity of the site since the last FHI inspection?	N					
If Yes proceed with que 4. Have these been rep	·	•						
5. Have these been rep	orted to local DSFB fo	orthwith (where they exist)? (CoGP - 4.4.37, 5.4.17)						
6. Have these been rep	orted to the SSPO an	d local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)						
7. Were methods (if any	y) used to recover esc	apees? If yes give detail						
8 If all nots were deplo	wed was this action a	greed with local wild fish interests and was permission given by Scottish						
Ministers? (Legal, CoGI	P – 4.4.38, 5.4.18)							
		mise the risk of further escapes? (Not covered in code but could						
be considered under	•		V					
10. Is the site inspected	as satisfactory with r	egards to containment? If no, please detail reason(s)	Υ					

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0479	Site No: FS1262	
Date of Visit: 10/	/09/2019 Inspector:	
Point of Compliance		
1. Is the farm under inspection	located within a farm management area?	Υ
If N, no further questions requir	e completion.	
Points of Compliance for Bot	th Farm Management Agreements and Statement	s
3. Is the current FMAg/S availal4. Does the FMAg/S identify the5. Does the FMAg/S identify the	e relevant farm management area? e fish farm site(s) to which it applies? e date of commencement of the agreement or staten	Y Y Y
Arrangements for Fish Health	n Management	
8. Does the FMAg/S identify the farm?	e minimum health standards for the stocks to be intro	oduced to the area or Y
10. Does the FMAg/S identify the	e vaccination requirements for stocks held in the area he species of fish which may be stocked into the area he maximum stocking density of any pen on any farm	a or farm?
12. Does the FMAg/S identify the fish farm in the area or the indi	he arrangements for the storage and disposal of any ividual farm?	dead fish from any
Arrangements for The Manag	gement of Sea Lice	
13. Does the FMAg/S identify a	arrangements for the sharing of data on sea lice numl	bers and treatments?
14. Does the FMAg/S identify the of statement?	he availability and the use of medicines on farms cov	vered by the agreement Y
15. Does the FMAg/S identify a lice on farms in the area or indiv	ny requirements for the sensitivity testing of available	
	he circumstances under which biological controls and	d cleaner fish are to be
	he arrangements for synchronous treatments on farm	ns within the area?
Live Fish Movements		
area or farm?	he circumstances when live fish may be introduced on the arrangements for the movement of live fish on and	

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Harvesting		
20. Does the FMAg/S identify acceptable	ole harvest practices on farms in the area or individ	dual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be resto	s by which the area or individual farm will be fallow ocked?	v and the earliest Y
22. Does the FMAg/S identify whether agreement or statement?	one or more year classes may be stocked onto sit	tes covered by the
23. Does the FMAg/S identify whether covered by the agreement or statemen	broodstock or potential broodstock are to be kept nt?	on any site
Point of Compliance for Farm Manag	gement Agreements Only	
24. Does the farm management agree parties to the agreement?	ment include arrangements for persons to become	e, 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 st	tatement?
26. What is the version no/date of issue	e of the FMAg/S? 27/02/2018	

Site No: FS1262

Case No: 2019-0479

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

Case No:	2019-0479			Date of visit:	10/09/2019				
Site No:	FS1262			Inspector:		1			
Results Summary	Freq.			Da	ate of Notification				
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
	+								
	1								
	-								
	+								
	1								
Report Summary									
Case Type	Date	Insp	2 nd Insp						
ECI, CNI, SLI, VMD	26/09/2019								
	ļ								
	-								
	1								





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 VISIT10/09/2019SITE NOFS1262SITE NAMESgeir DughallINSPECTORCASE NO20190479

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory with regards to parasites and containment and escapes.

The farm management statement was inspected and it was found that the site was not managed and operated in accordance with the statement. It was noted that mortality disposal by incineration on site described in the farm management statement did not reflect the current practice on site. The statement was updated to detail the current practice of mortality disposal. No further action is 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: 26/09/2019

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0480			Date of visit: 11/09/2019
Time spent on site:	3 hours	Main	Inspector:
Site No: FS0057 Business No: FB0447	Site Name: Business Name:	Corry Farm Wester Ross Fisheries	s Ltd
Case Types: 1 VMD	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed N/A
Observations:	Region: HI	Water type: S	CoGP MA M-12
Dead/weak/abnormally behaving Clinical signs of disease obsertions 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	rry out intended visit deta	ail reason below:	

Cage 39 under withdrawal for TMS

Ballan Wrasse stocked to 1% and mixed species to 3%. Wild origin - all Loch Broom and one input from LLB.

Low level AGD. Not causing issue on site but being monitored currently no plans to treat for AGD. Lice levels for leps and Caligus next to zero.

Hasco remove morts in vacuum tankers for anaerobic digestion or incineration.

Morts; WB 25TH August; 156/Site/week - WB12/8 0.03% WB19/8 0.06% WB26/8 0.05% WB2/9 0.04% - Attributed to plankton issues and small amount of seal damage.

No site treatments this cycle for sea lice, two hydrogen peroxide treatments for AGD 4th July- 10 July 2019 and 5th March -8th March.

Last dead fish movement off in Sept 2018 - Hazco, Grangemouth.

Inspection by and Paperwork; Sampling

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0480		Site No:	FS0057				
Date of Visit:		11/09/2019	9		Inspector(s):			1
Registration/Authornal 1. Business/site detaction 2. Changes made to	ails summary		ite representa	ative?			Y Y	}
Site Details								
Total No facilities		68	Facilities sto	cked	53	No facilitie	s inspected	40
Species	sal	wrasse						
Age group	2018 S0 -	mixed						
No Fish	240,205	12,500						
Mean Fish Wt	2.366kg	100g						
Next Fallow Date (S	ite)	June 2020		Next Input Da	ite (Site)	Oct 2020		
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:					,	`	,	
Movement Record	s							
1. Movement record	ls available fo	r inspection?						Y
2. Date of last inspe							26/04/2017	
3. Are records comp		ectly entered?	?					Y
4. Are movement re		•						Y
5. Are records comp	olete and corr	ectly entered?	?					Y
6. Are health certific	ates for intro	ductions (outv	vith GB) availa	able?				N/A
Transport Records								
1. Are any movement		t by (or on be	half) of the bu	isiness (not usi	ing a STB)?			
If yes, is there a sys				•	_			
Mortality Records	•		•					
Mortality records	available for i	nspection?						Y
2. How are mortalitie		•			Other (detail))		
If other detail:	see addition				(11111)			
3. Mortality records			ered?					Y
4. Recent mortality	(last 4 wks):		see additiona	al info				
5. Evidence of recer	nt increased/a	typical mortal	lities?					N
If yes, facility nos/no		• •		/reason:				
			· ·					
6. Any other peaks i	n mortality du	ring period ch	necked?					N
If yes, detail:				51.110				NI/A
7. Have increased (unexplained)	moπalities be	en reported to	vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality ev	ents' been ro	norted to EUI	2 If no. add M	RT case and c	enter on morto	lity events s	sheet	N/A
o. Have mortality ev	rents been le	Ported to FITI	: II IIO, aud IVI	in Case and E	anter on morta	mily events s	oneet.	IN//

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018						
Recent treatments	(last 4 wks)?		Y						
If yes, detail:	TMS								
If other, detail:									
2. Medicines records	available for inspection?		Y						
3. Are records complete and correctly entered?									
4. Are fish in a withdra	awal period?		Y						
5. If yes, what treatme	ent(s)?	T.M.S.							
If other, detail:									
6. Are medicines store	ed appropriately?		Y						
Biosecurity Records									
1. Biosecurity records	available for inspection?								
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?									
3. Has the manner an	d period in which the APB will	notify Scottish Ministers or ve	terinary professional of any						
!	and the second of the contract of the second	-1110							

2. Medicines records available for inspection?	Y							
3. Are records complete and correctly entered?	Y							
4. Are fish in a withdrawal period?	Y							
5. If yes, what treatment(s)? T.M.S.								
If other, detail:								
6. Are medicines stored appropriately?	Y							
Biosecurity Records								
Biosecurity records available for inspection?								
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?								
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any								
increased (unexplained) mortality at the site been included?								
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease								
is detected been included and how and when that will be notified to Scottish Ministers?								
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher								
health status, certification if required)?								
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise								
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?								
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?								
8. Have the biosecurity procedures been adequately implemented on site?								
If no, detail:								
Results of Surveillance								
1. Has any animal health surveillance been carried out by, or on behalf of, the business?								
2. If yes, are results available for inspection?								
3. Any significant results?								
If yes, detail (if not detailed under recent disease problems).								
Records checked between: 26/4/17- 11/9/19								

	ni 059, version 12							155	ueu by. F	ш			
	Case no:	2019-04	180	Site No:		FS0057			Date of vi		11/0	09/2019	
ı	Priority samples:	VI		ВА		PA		MG		HI			
ı	Time sampling starts/ends:	15:0	0:00	16:0	0:00		Inspecto	or:			VMD No	o. 	13
ı	Environmental conditions:	1	Indoors	2		3		4		5			
ı	Summary samples	HIST		ВА		MG		VI	F	PA		Total Sa	mples
A	Add Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2	3									
Г	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	2.5000	2.5000	2.5000									
	Sex												
	Water Type	SW	SW	SW									
tock Details		95 Migdale, Merkland	ക്ക Migdale, Merkland	රි Migdale, Merkland									
U	Jir domey 140	040	030	000									

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

Site No: FS0057

Case No: 2019-0480

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

Case No:	2019-0480			Date of visit:	11/09/2019			
Site No:	FS0057	1		Inspector:		1		
Results Summary	Freq.			Dat	te of Notificat	tion		
		Database	Insp		Insp	Writing Insp		2 nd Insp
	+							
	_		-					
	_							
	-							
Report Summary				l				
Case Type	Date	Insp	2 nd Insp					
VMD	26/09/2019		2 IIISP					
VIVID	20/00/2010							
	1							





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0447
 DATE OF VISIT
 11/09/2019

 SITE NO
 FS0057
 SITE NAME
 Corry Farm

 INSPECTOR
 CASE NO
 20190480

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

The above site was visited in accordance with the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 2015.

Samples were taken to be analysed for veterinary residues.

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

Records

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

Medicine records were inspected and found to be adequately maintained.

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

Mortality records were inspected and found to be adequately maintained.

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

Signed:

Date: 26/09/2019

R20

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 12		Issued by: FHI		Date of issue: 08/10/2018					
Case No: 2019-0482			Da	ate of visit: 02/08/2019					
Time spent on site:	hours	Ma	ain Inspector:						
Site No: SS0884 Business No: SB0550	Site Name: Business Name:	Eilean an Atha Sound of Luing Biv	alve Seafarm L	td					
Case Types: 1 ECI 2	2 3	4 5	6						
Water Temp (°C): 15.5	Thermometer No:	Site] FH	HI 045 completed N/A					
Observations:	Region: HI	Water type:	S	CoGP MA					
Dead/weak/abnormally behaving of Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see add	ditional informat	ion/clinical score sheet. ion/clinical score sheet. ion/clinical score sheet.					
UNI/REG only - if unable to carry out intended visit detail reason below:									

Recently bought over by current owners after being unused for some time. First inspection since 2014 and since having been taken over.

There's been no observed mortality onsite so far. There is currently a large shed being constructed and when mortalities are discovered, the shell will be used buried and used as construction material in the short term.

New site which is still currently under development. The site had its first shipment in May 2019. The site is currently being built up, with plans to hold stock in two locations as well as build a large work shed, with potential for depuration facilities.

No issues on the site, a few empty trestles to be used as oysters grow. Overall site very clean and tidy.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0482		Site No:	SS0884				
Date of Visit:		02/08/2019	9		Inspector(s):			1
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N]
Site Details			_					
Total No facilities		87	Facilities sto	cked	55	No facilitie	s inspected	87
Species	CGI							
Age group No Fish	2018 300,000					-		
	20-25m							
Mean Fish Wt Next Fallow Date (S		No plans		Next Input Da	ate (Site)	Sept/Oct 2	2019	
TTEXT I GIIOW Bute (O		140 plans		Next Input Be	10 (One)	ocpt out 2	.010	
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
Movement Records	3							
1. Movement record	s available fo	r inspection?						Y
2. Date of last inspec	ction:						First inspect	tion
3. Are records comp	lete and corre	ectly entered	?					Y
4. Are movement re-	cords availab	e for dead fis	sh and waste?	•				N/A
Are records comp	lete and corre	ectly entered	?					N/A
6. Are health certification	ates for introd	luctions (out	vith GB) availa	able?				N/A
Transport Records								
1. Are any movemer		t by (or on be	half) of the bu	siness (not us	ing a STB)?			
If yes, is there a syst				•	_			
Mortality Records								
Mortality records a	available for in	nspection?						Y
2. How are mortalitie					Other (detail)		
If other detail:	Buried - see	additional co	mments					
3. Mortality records of								Y
4. Recent mortality (last 4 wks):		No observed	l mortality				
5. Evidence of recen	nt increased/a	typical morta	lities?					N
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:				
Any other peaks in If yes, detail:	n mortality du	ring period c	necked?					N
7. Have increased (u	Inexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:	oxpiairiea) i		o. roportou to					
8. Have 'mortality ev	ents' been re	ported to FH	? If no, add M	RT case and e	enter on morta	ality events s	heet.	N/A

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
1. Recent treatments (last 4 wks)? If yes, detail: If other, detail: 2. Medicines records available for inspection? 3. Are records complete and correctly entered? 4. Are fish in a withdrawal period? 5. If yes, what treatment(s)? If other, detail: 6. Are medicines stored appropriately?		
Biosecurity Records		
Biosecurity records available for inspection? Has the manner and frequency of mortality removal, real that the manner and period in which the APB will notifincreased (unexplained) mortality at the site been included.	fy Scottish Ministers or veterinary professiona	
4. Has the action that will be taken in the event that the p is detected been included and <i>how</i> and <i>when</i> that will be	•	sted disease Y
5. Has the health status of aquaculture animals being sto health status, certification if required)?	ocked on the farm site been covered (equal o	or higher Y
6. Have the husbandry and biosecurity measures implement transmission of disease been covered (movement of state). Is documentation available regarding the measures in	iff, visitors, equipment, live or dead fish etc.)?	?
aquaculture animals held on site?	i place to maintain the physical containment	
Have the biosecurity procedures been adequately imp If no, detail:	olemented on site?	Y
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?

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

Records checked between:

3. Any significant results?

First inspection

Date of issue: 08/10/2018 FHI 059, Version 12 Issued by: FHI Case Number: 2019-0482 Site No: SS0884 Date of Visit 02/08/2019 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen Yes No 25 Susceptible to Bonamia ostrea (OED) 0 Susceptible to Marteilia refringens (OED, MED) 0 3 Susceptible to OsHV (CGI) 0 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 Live shellfish movements 0 1-2 >3 Frequency of movements on from equivalent MS O 10 Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 n Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management 0 1 2 1 Frequency of movements off outwith MSS Management 0 3 6 Areas 0 Number of destinations **Secure** Unsecure Management (effluent (no effluent treatment) practices None 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 0 2 6 MSS management area Depuration of stock from sites outwith MSS management 0 8 area Number of sites 2 or 3 > 4 **Biosecurity** Contacts with other Sites operating from single shorebase Sites sharing staff and equipment sites Yes No Disinfection of equipment between sites, use of footbaths etc 0

Total Risk

LOW

Case No:	2019-0482	Date of visit: 02/08/2019							
Site No:	SS0884	1		Inspector:	DCB	l			
Results Summary	Freq.			Date of Notification					
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
								-	
						-		-	
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				_					
Report Summary Case Type									
Case Type	Date	Insp	2 nd Insp						
ECI	25/09/2019								





Sound of Luing Bivalve Seafarm Ltd Achahoish Farmhouse Achahoish Ormsary Road Lochgilphead Argyll PA31 8PD

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0550 SITE NO SS0884 INSPECTOR DATE OF VISIT 02/ SITE NAME Eile CASE NO 201

02/09/2019 Eilean an Atha 20190482

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

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

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

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



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/FHl/charter

Date: 25/09/2019

FHI 059, Version 12		Issued by: FHI		Date of issue: 08/10/2018					
Case No: 2019-0483			[Date of visit: 03/09/2019					
Time spent on site:	Hours	M	lain Inspector:						
Site No: SS0497 Business No: SB0320	Site Name: Business Name:	Croggan Bay Croggan Oysters							
Case Types: 1 ECI 2	2 3	4	5	6					
Water Temp (°C): 15	Thermometer No:	T275]	FHI 045 completed N					
Observations:	Region: ST	Water type:	S	CoGP MA					
Dead/weak/abnormally behaving to Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see ad	ditional informa	ation/clinical score sheet. ation/clinical score sheet. ation/clinical score sheet.					
UNI/REG only - if unable to carry out intended visit detail reason below:									

Mortalities are estimated to be around 2% per year.

Site was neat and tidy and bags looked like they had recently been cleaned. Some much larger shells in bags, which owner uses to demonstrate how big the oysters can grow.

Very few empty shells seen in bags, owner said that there was a problem with shells bunching up, restricting the growth of shells and causing some mortality. Plastic inserts to keep the bags open in the middle seems to have solved this problem.

FHI telephone number updated on BMP

FHI 059, Version 12)		Iss	sued by: FHI			Date of issu	ıe: 08/10/2018
Case No:	2019-0483		Site No:	SS0497	7			
Date of Visit:		03/09/2019	9		Inspector(s):]
Registration/Author	orisation Det	ails						
1. Business/site det	ails summary	checked by	site represen	tative?			Υ	1
2. Changes made to	details?						N	1
Site Details								
Total No facilities		6	Facilities st	ocked	4	No facilitie	s inspected	6
Species	CGI	CGI	CGI	CGI				
Age group	2015	2016	2017	2018				
No Fish	3,000	500	500	9,000				
Mean Fish Wt	100g	65g	45g	15g				
Next Fallow Date (S	ite)	No plans		Next Input Da	ate (Site)	Spring 202	20	
				T	1			
Recent (last 4 wks)	disease prob	lems?		N	N Any escapes	s (since last v	visit)?	N
If yes, detail:								
Movement Record	S							
1. Movement record	ls available fo	or inspection?						Y
2. Date of last inspe							03/08/2015	
3. Are records comp		ectly entered	?					Y
4. Are movement re				?				N/A
5. Are records comp	plete and corr	ectly entered	?					N/A
6. Are health certific	ates for intro	ductions (out	with GB) avai	lable?				N/A
Transport Records	5							
1. Are any movemen		ut by (or on be	ehalf) of the b	ousiness (not us	ing a STB)?			
If yes, is there a sys			•	•	_			
Mortality Records								
1. Mortality records	available for i	inspection?						Y
2. How are mortalitie	es disposed o	of?			Other (detail))		
If other detail:	Shells given							
3. Mortality records			tered?					N/A
4. Recent mortality	(last 4 wks):		No observe	ed mortality				
5. Evidence of recei	nt increased/a	atypical morta	lities?					N
If yes, facility nos/no	mortality per	r facility/no str	ock per facilit	y/reason:				
6. Any other peaks i	n mortality du	uring period c	hecked?					N
If yes, detail:	unavalained)	reartalities by	an reported	to yet or EUI2				N/A
7. Have increased (If yes, detail action:		mortanties be	en reporteu	to vet of Frite				INA
8. Have 'mortality e		enorted to FH	12 If no. add	MRT case and	enter on morta	ality events s	heet	N/A
o. Have mortality c	Territo Decerrito	ported to 1 11	i. II IIO, aaa i	Will to base and t	CHICH OH HIOTE	anty evernes s	HICCL.	,,

Results of Surveillance

If no. detail:

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

8. Have the biosecurity procedures been adequately implemented on site?

- 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:

03/08/2015 - 03/09/2019

Date of issue: 08/10/2018 FHI 059, Version 12 Issued by: FHI Case Number: 2019-0483 Site No: SS0497 Date of Visit 03/09/2019 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen Yes No 25 Susceptible to Bonamia ostrea (OED) 0 Susceptible to Marteilia refringens (OED, MED) 0 3 Susceptible to OsHV (CGI) 0 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 Live shellfish movements 0 1-2 >3 Frequency of movements on from equivalent MS O 10 Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 Number of suppliers 0 5 10 Movements off Frequency of movements off within MSS Management 0 1 2 2 Frequency of movements off outwith MSS Management 0 3 6 Areas 0 Number of destinations Secure Unsecure Management (effluent (no effluent treatment) practices None 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 0 2 6 MSS management area Depuration of stock from sites outwith MSS management 0 8 area Number of sites 2 or 3 > 4 **Biosecurity** Contacts with other Sites operating from single shorebase Sites sharing staff and equipment sites Yes No Disinfection of equipment between sites, use of footbaths etc 0 Total

Risk

OW

Case No:	2019-0483			Date of visit:	03/09/2019				
Cusc No.	2010-0400			Date of visit: 03/09/2019					
Site No:	SS0497			Inspector:	or:				
Results Summary	Freq.			Date of Notification					
,	·	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
			<u> </u>						
	 								
D10									
Report Summary									
Case Type	Date	Insp	2 nd Insp						
ECI	11/09/2019								





Croggan Oysters New House Croggan, Craignure Isle of Mull, Argyll PA63 6AH

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0320 SITE NO INSPECTOR

SS0497

DATE OF VISIT SITE NAME CASE NO

03/09/2019 Croggan Bay 20190483

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Date: 25/09/2019



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/FHl/charter

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0484			Date of visit: 03/08/2019
Time spent on site:	5 Hours	Main Insp	pector:
Site No: SS0496 Business No: SB0441	Site Name: Business Name:	West End Loch Spelve Barrachandroman Oysters	5
Case Types: 1 REG 2	3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detai	il reason below:	

Site has been unused since it was taken over in 2015 by the current owner. Site inspected as fallow and no equipment in the water.

Site to be inactivated

FHI 059, Version 12		Issu	ued by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0484	Site No:	SS0496	<u>.</u>			
Date of Visit:	03/08/201	9		Inspector(s)):]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary checked by	site represent	ative?			Y Y	}
Site Details Total No facilities Species	U	Facilities sto	ocked	0	No facilitie	es inspected	0
Age group No Fish							
Mean Fish Wt Next Fallow Date (S	ite) N/A		Next Input Da	ate (Site)	N/A		
Recent (last 4 wks)	disease problems?		N/A	Any escape	es (since last	visit)?	N/A
 Date of last inspe Are records comp Are movement re Are records comp Are records comp Are health certific 	ls available for inspection? ction: blete and correctly entered cords available for dead fi blete and correctly entered ates for introductions (out	d? ïsh and waste? d?				03/02/2015	N/A N/A N/A N/A
	s nts carried out by (or on b tem in place for maintena	•	•	_			
2. How are mortalitie				Other (deta	ril)		N/A
	Shells crushed and used complete and correctly en (last 4 wks):						N/A
5. Evidence of recer	nt increased/atypical morta mortality per facility/no st	alities?	//reason:				N/A
	n mortality during period o	checked?					N/A
If yes, detail action:	unexplained) mortalities b						N/A
8. Have 'mortality ev	ents' been reported to FF	II? If no. add M	∕IRT case and ε	enter on mor	tality events/	sheet.	N/A

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
1. Recent treatments (last 4 wks)?		
If yes, detail:		
If other, detail:	r: 0	
2. Medicines records available for inspe		
3. Are records complete and correctly e	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 insp	ection?	
2. Has the manner and frequency of mo	ortality removal, recording and safe disposal b	een considered?
3. Has the manner and period in which	the APB will notify Scottish Ministers or veteri	nary professional of any
increased (unexplained) mortality at th	e site been included?	
	ne event that the presence or suspicion of the dwhen that will be notified to Scottish Minister	
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 epiden	niological unit to minimise
transmission of disease been covered	(movement of staff, visitors, equipment, live or	r dead fish etc.)?
•	g the measures in place to maintain the physic	al containment of
aquaculture animals held on site?	on adaguately implemented on site?	
8. Have the biosecurity procedures bee	in adequately implemented on site?	
ii iio, detaii.		

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

Results of Surveillance

3. Any significant results?

2. If yes, are results available for inspection?

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

Records checked between:

03/02/2015 -03/09/2019

Date of issue: 08/10/2018 FHI 059, Version 12 Issued by: FHI Case Number: 2019-0484 Site No: SS0496 Date of Visit 03/08/2019 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen Yes No 25 Susceptible to Bonamia ostrea (OED) 0 Susceptible to Marteilia refringens (OED, MED) 0 3 Susceptible to OsHV (CGI) 0 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 Live shellfish movements 0 1-2 >3 Frequency of movements on from equivalent MS O 10 Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 Number of suppliers 0 5 10 Movements off Frequency of movements off within MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 3 6 Areas 0 Number of destinations Secure Unsecure Management (effluent (no effluent treatment) practices None 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 0 2 6 MSS management area Depuration of stock from sites outwith MSS management 0 8 area Number of sites 2 or 3 > 4 **Biosecurity** Contacts with other Sites operating from single shorebase Sites sharing staff and equipment sites Yes No Disinfection of equipment between sites, use of footbaths etc 0

Total Risk

LOW

Case No:	2019-0484	Date of visit: 03/08/2019						
Site No:	SS0496	Inspector:						
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary	1							
Report Summary Case Type	Date	Insp	2 nd Insp					
REG	11/09/2019		Z IIISP					
1120	11/00/2010							
	 							





Barrachandroman Oysters Lochbuie House Lochbuie Isle of Mull PA62 6AA

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0441 SITE NO SS0496 INSPECTOR

P41 DATE OF VISIT SITE NAME CASE NO

03/09/2019 West End Loch Spelve

20190484

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

The site was reported to be long-term fallow and the site representative has submitted paperwork to inactivate the site.

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 four years. 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 movements had taken place since the last inspection by Marine Scotland.

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.



Fish Health Inspector

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

Date: 25/09/2019

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018					
Case No: 2019-0485			Date of visit: 04/09/2019					
Time spent on site:	? hours	Main Inspec	tor:					
Site No: SS0632 Business No: SB0414	Site Name: Business Name:	Tobermory Bay Tobermory Mussel Farm						
Case Types: 1 REG	2 3	4 5	6					
Water Temp (°C):	Thermometer No:		FHI 045 completed					
Observations:	Region: ST	Water type: S	CoGP MA					
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional info	ormation/clinical score sheet. ormation/clinical score sheet. ormation/clinical score sheet.					
UNI/REG only - if unable to carry out intended visit detail reason below:								
	Unable to acc	cess site as no boat available						

No boat was available, site inspected from the road side.

Plans to take equipment out of the water in October, but will replace next year.

FHI 059, Version 12			Issued by	/: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0485	Site No):	SS0632				
Date of Visit:	(04/09/2019			Inspector(s)			1
Registration/Author 1. Business/site detai 2. Changes made to	ls summary ch		esentative?	•			Y N	}
Age group No Fish	MED 2019 1 tonne	Facilitie	es stocked		1	No facilitie	es inspected	U
Mean Fish Wt Next Fallow Date (Sit		ov 2019	Nex	t Input Dat	te (Site)	2020		
Recent (last 4 wks) d If yes, detail:	isease problem	s?		N	Any escapes	s (since last	visit)?	N
 Movement records Date of last inspec Are records complet Are movement records Are records complet Are records complet Are health certifica 	tion: ete and correct ords available f ete and correct	ly entered? for dead fish and w ly entered?					09/05/2016	Y N/A N/A
Transport Records 1. Are any movement If yes, is there a system		•			_			
Mortality Records 1. Mortality records at 2. How are mortalities	s disposed of?				Other (detail)		Y
If other detail: 3. Mortality records code. Recent mortality (la	•	rrectly entered?	errved mo	rtality				N/A
5. Evidence of recent If yes, facility nos/no	• •		acility/reas	on:				N
6. Any other peaks in If yes, detail:	mortality durin	g period checked?						N
7. Have increased (unifyes, detail action: 8. Have 'mortality eve					nter on morta	ality events	sheet.	N/A

09/05/2016 - 04/09/2019

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

Results of Surveillance

3. Any significant results?

2. If yes, are results available for inspection?

Records checked between:

Case No:	2019-0485	Date of visit: 04/09/2019							
Site No:	SS0632	Inspector: DCB							
Results Summary	Freq.			Da	Date of Notification				
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
Report Summary Case Type									
Case Type	Date	Insp	2 nd Insp						
REG	25/09/2019								
				1					
	Ī								
		Ī							
	1	 	 	1					





Tobermory Mussel Farm Hillcrest Breadalbane Street Tobermory Mull Argyll PA75 6PX

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No SB0414 SITE NO SS0632 INSPECTOR

DATE OF VISIT 04/09/2019 SITE NAME **Tobermory Bay** CASE NO 20190485

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

On this occasion, the site inspection could not be conducted as no vessel was available. This inspection will be rescheduled for next year.

Records

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

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

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

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: 25/09/2019

R10

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

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0486			Date of visit: 04/09/2019
Time spent on site:	1.5 hours	Main Ir	espector:
Site No: SS0535 Business No: SB0325	Site Name: Business Name:	Poll Athach Isle of Mull Oysters	
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA
Dead/weak/abnormally behavir Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	•	If yes, see addition	al information/clinical score sheet. al information/clinical score sheet. al information/clinical score sheet.
UNI/REG only - if unable to car	ry out intended visit deta	ail reason below:	
	Unable to	o visit site due to weather	

Updated details on BMP for new FHI numbers.

Site is quite exposed and due to weather conditions was unable to access.

FHI 059, Version 12			Issu	ıed by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0486]	Site No:	SS0535	3			
Date of Visit:		04/09/2019	1		Inspector(s)	:]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	}
Site Details								
Total No facilities		2	Facilities sto	cked	2	No facilitie	es inspected	0
Species	CGI							
Age group	2019							
No Fish	500,000							
Mean Fish Wt	5g							
Next Fallow Date (S	ite)	October 201	9	Next Input Da	ate (Site)	May 2020		
					1			
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	s (since last	visit)?	N
If yes, detail:								
Movement Records	s							
1. Movement record	s available fo	r inspection?						Y
2. Date of last inspe							10/05/2016	
3. Are records comp		ectly entered?	,					Y
4. Are movement re	cords availab	le for dead fis	h and waste?	,				N/A
5. Are records comp	olete and corre	ectly entered?	<i>?</i>					N/A
6. Are health certific	ates for introd	luctions (outw	ith GB) availa	able?				Y
Transport Records								
1. Are any movemen		t by (or on be	half) of the bu	usiness (not us	ing a STB)?			
If yes, is there a sys			•	•	_			
Mortality Records								
Mortality records	available for i	nspection?						Y
2. How are mortalitie		•			Other (detail	il)		_
		s used for pav	/ing		Curior (dotain	1)		
3. Mortality records								TY
4. Recent mortality (•		No observed	d mortality				
5. Evidence of recer	•	typical mortal		111.5.15				N
If yes, facility nos/no		• •		/reason:				
, ,								
6. Any other peaks i	n mortality du	ring period ch	necked?					N
If yes, detail:								
7. Have increased (unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add N	IRT case and e	enter on mort	ality events	sheet.	N/A

8. Have the biosecurity procedures been adequately implemented on site?

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

If no. detail:

Results of Surveillance

3. Any significant results?

2. If yes, are results available for inspection?

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

Records checked between:

10/05/2016 - 04/09/2019

Case No:	2019-0486			Date of visit:	04/09/2019				
Case No.	2010-0400			Date of visit.	04/09/2019				
Site No:	SS0535			Inspector:	spector:				
Results Summary	Freq.			Date of Notification					
,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
	ļ								
						-			
	-				-				
	-								
					1				
Report Summary									
Case Type	Date	Insp	2 nd Insp						
REG	24/09/2019								





Isle of Mull Oysters Penmore Dervaig Isle of Mull PA75 6QS

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0325 SITE NO SS0535 INSPECTOR
 Date of Visit
 04/09/2019

 Site Name
 Poll Athach

 Case No
 20190486

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

On this occasion, the site inspection could not be conducted due to weather. This inspection will be rescheduled for next year.

Records

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

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

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

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: 25/09/2019

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/FHl/charter

FHI 059, Version 12		Issued by: FHI		Date of issue: 08/10/2018
Case No: 2019-0487			D	ate of visit: 04/09/2019
Time spent on site:	hours	N	lain Inspector:	
Site No: SS0508 Business No: SB0325	Site Name: Business Name:	Loch A Chumhain Isle of Mull Oyster		
Case Types: 1 ECI 2	2 3	4	5	6
Water Temp (°C): 13.2	Thermometer No:	T275] F	HI 045 completed
Observations:	Region: ST	Water type:	S	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see ad	ditional informa	tion/clinical score sheet. tion/clinical score sheet. tion/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	nil reason below:		

Back ground mortality of ~2%

Site manager is having issues with locals causing difficulty with access. Aquaculture policy is now involved and hoping to find solutions to the problems.

FHI 059, Version 12			Issu	ued by: FHI			Date of issu	ie: 08/10/20	18
Case No:	2019-0487		Site No:	SS0508					
Date of Visit:		04/09/201	9		Inspector(s):			1	
Registration/Authornal 1. Business/site deta 2. Changes made to	ails summary		site representa	ative?			Y N	}	
Site Details Total No facilities		1000	Facilities sto	acked	900	No facilitie	s inspected	1000	
Species	CGI	CGI	CGI	T	900	NO Tacilille	s inspected	1000	-
Age group	2016	2017	2018				 		
No Fish	500,000	700,000	1,000,000						Н
Mean Fish Wt	40g	30g	20g						
Next Fallow Date (S		No plans		Next Input Da	ete (Site)	2020			
TVEXT allow Date (C	ite)	No plans		Next Input Du	ne (One)	2020			
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	(since last	visit)?	N	
If yes, detail:									
Movement Record	_	:							V
Movement record Date of last inspec		r inspection	!				10/05/2016		Y
2. Date of last inspection:3. Are records complete and correctly entered?									Υ
4. Are movement records available for dead fish and waste?								N	/A
5. Are records complete and correctly entered?							N	/A	
6. Are health certificates for introductions (outwith GB) available?								N.	/A
Transport Records	;								
Are any movements carried out by (or on behalf) of the business (not using a STB)?									
If yes, is there a sys	tem in place	for maintena	nce of transpo	rtation records	?				
Mortality Records									
1. Mortality records	available for i	inspection?							Y
2. How are mortalities disposed of? Other (detail)									
If other detail:		s used to fill	•						
3. Mortality records	•	I correctly en							Υ
4. Recent mortality	`		No observed	d mortality					
5. Evidence of recei		• •							N
If yes, facility nos/no	mortality per	racility/no st	ock per facility	//reason:					
6. Any other peaks i	in mortality du	uring period o	checked?						N
If yes, detail:									
7. Have increased (unexplained)	mortalities b	een reported to	o vet or FHI?				N.	/A
If yes, detail action:									
8 Have 'mortality ex	lante' haan re	anorted to EL	112 If no add N	/IRT case and c	anter on morts	ality avante c	-hoot	N	$I\Delta$

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018					
Recent treatments (last 4 wks)? If yes, detail:							
If other, detail:							
Medicines records available for in	nspection?						
3. Are records complete and correct	•						
4. Are fish in a withdrawal period?	<u></u>						
5. If yes, what treatment(s)?							
If other, detail:							
6. Are medicines stored appropriate	ely?						
Biosecurity Records							
1. Biosecurity records available for	inspection?	Y					
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 a	at the site been included?	Y					
4. Lies the nation that will be taken	in the account that the muccana are consistent of the mu						
	in the event that the presence or suspicion of the pre- 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 biosecu	urity measures implemented between each epidemio	ological unit to minimise					
	red (movement of staff, visitors, equipment, live or de						
•	rding the measures in place to maintain the physical	containment of Y					
aquaculture animals held on site?							
	been adequately implemented on site?	Y					
If no, detail:							
Results of Surveillance							
1. Has any animal health surveillan	ice been carried out by, or on behalf of, the business	s? N					

2. If yes, are results available for inspection?

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

Records checked between:

3. Any significant results?

10/05/2019 - 04/09/2019

Date of issue: 08/10/2018 FHI 059, Version 12 Issued by: FHI Case Number: 2019-0487 Site No: SS0508 Date of Visit 04/09/2019 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen Yes No 25 Susceptible to Bonamia ostrea (OED) 0 0 Susceptible to Marteilia refringens (OED, MED) 0 3 0 Susceptible to OsHV (CGI) 0 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 Live shellfish movements 0 1-2 >3 Frequency of movements on from equivalent MS O 10 Movements on Frequency of movements on from equivalent zone or compartment including third country 0 10 20 n Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 0 3 6 Areas 0 Number of destinations Secure Unsecure Management (effluent (no effluent treatment) practices None 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 0 2 6 0 MSS management area Depuration of stock from sites outwith MSS management 0 8 0 area Number of sites 2 or 3 > 4 **Biosecurity** Contacts with other Sites operating from single shorebase Sites sharing staff and equipment sites Yes No Disinfection of equipment between sites, use of footbaths etc 0

Total Risk

LOW

Case No:	2019-0487	Date of visit: 04/09/2019						
Site No:	SS0508	Inspector:						
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Report Summary Case Type	Date	Insp	2 nd Insp					
ECI	25/09/2019	шэр	Z IIISP					
201	20/00/2010							
	 		—					





Isle of Mull Oysters Penmore Dervaig Isle of Mull PA75 6QS

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0325 SITE NO SS0508 INSPECTOR DATE OF VISIT SITE NAME CASE NO

04/09/2019 Loch A Chumhainn

20190487

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.

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.

Mortality records were inspected and found to be adequately maintained.

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

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

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

Date: 25/09/2019



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 12		Issued by: FHI	Date of issue: 08/10/2018			
Case No: 2019-0491			Date of visit: 10/09/2019			
Time spent on site:	hours	Main	Inspector:			
Site No: FS0804 Business No: FB0125	Site Name: Business Name:	Kishorn B (North) Scottish Sea Farms Lt	d			
Case Types: 1 DIA	2 REP 3	4 5	6			
Water Temp (°C): 13.2	Thermometer No:	T146	FHI 045 completed			
Observations:	Region: HI	Water type: S	CoGP MA M-19			
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. Y If yes, see additional information/clinical score sheet. Y If yes, see additional information/clinical score sheet. Y If yes, see additional information/clinical score sheet. Y						
UNI/REG only - if unable to carry out intended visit detail reason below:						

Visit conducted following reported mort events; wk24 - 1.14% CGI; wk32 - 2.5% CGI, wk33 4.12% CMS and post treatment, Thermolicer.

Weather conditions very poor. Only able to get onto one cage before having to come ashore. Computer network down so unable to view paper work. Information collected verbally. Fish observed in cage with white heads.

Lice levels are high and a salmosan treatment is planned for Thursday for cages 6, 8 and 15. Rest of cages on harvest plan

Last week mort figures have come down a bit.

Last lice count for the site; Verbally around 7 adult females for last lice count.

SLICE treatment last week. Finished on Sunday

Wrasse on site not proving effective. Stocked at 5%. Wild wrasse on site.

Paperwork by , Inspection by and sampling by

FHI 059, Version 12	2		Issu	ued by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0491]	Site No:	FS0804	Ţ			
Date of Visit:		10/09/2019	9		Inspector(s)):]
Registration/Authoral Business/site det 2. Changes made to	tails summary		site representa	ative?			Y N	- -
Site Details								
Total No facilities		15	Facilities sto	cked	8	No facilitie	es inspected	1
Species .	sal							
Age group	2018 Q2							
No Fish	140,000							
Mean Fish Wt	5							
Next Fallow Date (S	Site)	end Nov		Next Input Da	ate (Site)	April 2020		
Recent (last 4 wks)	disease prob	lems?		Y	Any escape	es (since last	vicit\?	N
If yes, detail:		post treatmen	nt		Ally Cocapo	S (Since ido.	VISIL):	IV
•								
Movement Record								N
Movement record Date of last inches		r inspection?					01/06/2019	N
2. Date of last inspe		athy entered	2				01/06/2019	N/A
 Are records comp Are movement re 	•	•						N/A
5. Are records com								N/A
6. Are health certific	•	•		able?				N/A
		Juctions (out	vitir OD) avail	ADIC:				
Transport Records		t by far on be	!If\ -f the h.		: CTD\2			
1. Are any moveme If yes, is there a sys				•	_			
	•	Of Illamichia.	Ce or transpe.	Italion records				
Mortality Records 1. Mortality records		inenection?						N
2. How are mortaliti		•			Incinerated	on site		
If other detail:	es disposed 2	1:			III OII IOI U.S.	- 011 3110		
3. Mortality records	complete and	correctly ent	ered?					N/A
4. Recent mortality			0.52.					
5. Evidence of rece		atypical morta	lities?					N/A
If yes, facility nos/no		• •		/reason:				
6. Any other peaks	in mortality du	iring period ch	necked?					N/A
If yes, detail:	(lainad)	talition be		TOTAL ELIO				V
7. Have increased ('
If yes, detail action:			and lice treatm		enter on mor	tality avente	choot	
8. Have 'mortality ev	venus been re	ported to Fin	If II IIO, add iv	IK I Case and I	enter on mor	tality events :	sneet.	

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
1. Recent treatments (last 4 wks)? If yes, detail: SLICI If other, detail:	Ē	Y
2. Medicines records available for inspe		N
3. Are records complete and correctly et 4. Are fish in a withdrawal period? 5. If you what treatment(a)?		Y
5. If yes, what treatment(s)? If other, detail:	TMS	
6. Are medicines stored appropriately?		Y
	ortality removal, recording and safe disposal be the APB will notify Scottish Ministers or veterina	
is detected been included and how and	e event that the presence or suspicion of the presence of that will be notified to Scottish Ministers animals being stocked on the farm site been contained.	?

Results of Surveillance

If no, detail:

aquaculture animals held on site?

1. Has any animal health surveillance been carried out by, or on behalf of	f. the business?
--	------------------

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

- 2. If yes, are results available for inspection?
- 3. Any significant results?

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

CMS, PGD, lice

Records checked between:

8. Have the biosecurity procedures been adequately implemented on site?

N/A

П	11 059, VEISION 12					issued by. FIII							
	Case no:	2019-04	491	Site No		FS0804			Date of v		10/0	09/2019	10/0
	Priority samples:	VI		ВА		PA		MG	Campiin	g. HI			
	Time sampling starts/ends:	15:0	00:00	16:0	00:00]	Inspecto	or:			VMD No	o. 	0
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST	Y	ВА	Υ	MG	Υ	VI	Υ	PA		Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No	F1	F2	F3	F4	P1							
	Fish nos	1	2	3	4	1-5							
	Pool Group	P1	P1	P1	P1	P1							
	Species	sal	sal	sal	sal	sal							
	Average weight	5kg	5kg	5kg	5kg	5kg							
	Sex												
	Water Type	SW	SW	SW	SW	SW							
		_	_	_	_	_							
aile													
Details													
Ķ	Stock Origin												
Stock	Facility No	15	15	15	15	15							
(O		.0	.0	.0	.0	.0							

09/2019	09/2019 Additional Sample Information:												
5	ı	Total To	ests ass	igned	5	1							

FHI 059, Version 12 Issued by: FHI Date of issue: 08/10/2018 Method of killing: Percussive Case no: Site No: FS0804 2019-0491 Inspector(s): Sheet Relevant: Y Date of visit: 10/09/2019 S for strong presence: M for medium presence: W for weak presence Time sampled after death (if > 45 minutes) 1 hor 1.5hour 1 hour External Signs Behaviour Moribund Lethargic Hanging vertical Spiralling Flashing Loss of equilibrium Body Dark Distended abdomen Scale Oedema Opercula Shortened Flared Haemorrhaging Throat W W Ventrum W Base of fins Elsewhere Eyes Exophthalmic Enophthalmic (sunken) Cataract Haemorrhagic Gills Pale Zoned Necrotic Lesions Flank M Elsewhere Vent Inflamed Trailing faeces 50 50 50 50 Lice Load Estimate numbers Internal Signs Clear Ascites Bloody Oedema In tissues Heart Pale/anaemic M Granulomas Deformed Liver Petechial haem Gross haem Tissue breakdown

mustard

Enlarged Colour number(s)

Enlarged Granulomas

Pyloric caeca

Spleen

Body wall

Kidney

General

Swim bladder

Gut

Granulomas Lesions

Petechial haem Tubules mauve Lack of fat

No food present Yellow pseudo-faeces External haem Internal haem

Haemorrhaging

Haemorrhaging Fluid filled

Swollen
Grey
Granular
Liquefied
Parasites present

Anaemia

Case no: 2019-0491

Date of visit: 10/09/2019

Date of visit:	10/09/2019	J					
S for strong preser	nce: M for medium presence: W for v	٨					
Fish Number	ico. In for modium prosoneo. W for						
	er death (if > 45 minutes)						
External Signs	er death (ii > 40 iniliates)						
Behaviour	Moribund						
Bollavioui	Lethargic						
	Hanging vertical						
	Spiralling						
	Flashing						
	Loss of equilibrium						
Body	Dark						
,	Distended abdomen						
	Anorexic						
	Scale Oedema						
Opercula	Shortened						
	Flared						
Haemorrhaging	Throat						
	Ventrum						
	Base of fins						
	Elsewhere						
Eyes	Exophthalmic						
	Enophthalmic (sunken)						
	Cataract						
	Haemorrhagic						
Gills	Pale						
	Zoned						
	Necrotic						
Lesions	Flank						
	Elsewhere						
Vent	Inflamed						
	Trailing faeces						
Lice Load	Estimate numbers						
Internal Signs							
Ascites	Clear						
	Bloody						
Oedema	In tissues						
Heart	Pale/anaemic						
	Granulomas						
1.5	Deformed						
Liver	Petechial haem						
	Gross haem						
	Tissue breakdown						
	Enlarged Colour number(s)						
	Granulomas						
	Lesions						
Pyloric caeca	Petechial haem						
yionic caeca	Tubules mauve						
	Lack of fat						
Spleen	Enlarged						
- Picoli	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						
	r stavillin						

Additional comments:
F1 -red head lice damage
F3 white head, lice damage. Fish 4 seal damaged. Head damage -red head- lice.

Site No: FS0804

Case No: 2019-0491

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

Case No: 2019-0491 Date of visit: 10/09/2019 Site No: FS0804 Inspector: AJW Results Summary Freq. Date of Notification Database Phone Insp Writing Insp Insp 2nd Insp 23/10/2019 AMGD histo 2/4 20/09/2019 CGDH Histo 4/4 23/10/2019 20/09/2019 **HPAT** 1/4 20/09/2019 23/10/2019 23/10/2019 EPIT 2/4 20/09/2019 **MPAT** 1/4 23/10/2019 20/09/2019 LPAT 3/4 23/10/2019 20/09/2019 23/10/2019 MG AGD 4/4 20/09/2019 20/09/2019 MG IHN 0/1 23/10/2019 MG IPN 0/1 20/09/2019 23/10/2019 MG Para Ther 3/4 20/09/2019 23/10/2019 23/10/2019 MG Sal Pox 2/4 20/09/2019 MG SAV 1/1 20/09/2019 23/10/2019 MG VHS 23/10/2019 0/1 20/09/2019 MG ISA 0/1 25/09/2019 23/10/2019 VSPE 2/4 08/10/2019 23/10/2019

Report Summary			
Case Type	Date	Insp	2 nd Insp
DIA	17/10/2019		





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0125
 Date of Visit
 10/09/2019

 Site No
 FS0804
 Site Name
 Kishorn B (North)

 Inspector
 Case No
 20190491

Section 1: Summary

A report was received from the operator of increased mortality levels at the site due to complex gill issues and cardiomyopathy syndrome (CMS). Four moribund fish were removed for diagnostic sampling.

Histopathology examination revealed multifactorial gill pathology which included presence of amoebic cells suggestive of amoebic gill disease (confirmed by QPCR), epitheliocystis and mild to moderate lamellar circulatory disturbances potentially associated with water borne insult. Mild multifocal hepatic necrosis was noted in two fish and one fish displayed mild focal myocarditis.

Molecular genetic examination using real-time PCR (QPCR) produced a positive result for salmonid alphavirus (SAV), the causative agent of pancreas disease (PD).

Due to gill health issues observed on site, samples were also screened for *Paranucleospora* theridion (syn, *Desmozoon lepeophtherii*) and for salmon gill poxvirus by QPCR. Samples tested positive for the both pathogens.

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

Section 2: Case Detail

Observations

The above site was inspected following a report from the operator of increased mortality in the Atlantic salmon stocked on the site. At the time of the inspection the site was stocked with 140,000 2018 Q2 Atlantic salmon at an average weight of 5Kg. Due to unfavourable weather and increasing swell, only one cage was inspected. A number of lethargic salmon were observed and four were removed for diagnostic purpose.

Mortality levels were elevated during week 24 in June 2019, week 32 in August, and peaking at 4.12% in week 33. Health surveillance carried out by the business reported proliferative gill disease (PGD) and CMS.

From the fish removed for diagnostic examination, sea lice damage was evident on the heads of fish 1, 3 & 4. Fish 4 also had physical damage, most likely attributed to seal predation. F2 showed slightly raised scales due to oedema while all four fish sampled showed mild haemorrhaging along the ventral surface. The gills of F1-3 were pale and all four fish had a sea lice load of over 50. Internally the heart of F1 was pale, there was evidence of petechial haemorrhaging on the liver of F3 and the liver of F1 was yellow in colour.

<u>Samples</u>

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

Fish number	Pool number	Facility number	Species	Stage	Origin
F1-4	P1	15	Atlantic salmon	2018 Q2 ~5kg	Wester Fearn

Results

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

The following bacteria were isolated from F1-4:

- Vibrio sp. (Isolate A): F1 (Lesion); F3 (Kidney)
- Vibrio sp. (Isolate B): F1 (Lesion & Kidney)

The level and purity of growth would not suggest these organisms are the primary source of morbidity.

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

Salmon gill poxvirus

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	23.41	29.23	29.28	29.05	POSITIVE
F2	23.31	38.48	40	40	POSITIVE

Salmonid alphavirus

Pool Number	Endogenous control Cp value		Reported Result (PCR)		
P1	17.19	29.87	29.21	29.08	POSITIVE

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

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

Neoparamoeba perurans (AGD)

Fish Number	Endogenous control Cp value		Cp Values					
F1	23.41	27.65	27.65	27.73	POSITIVE			
F2	23.31	30.59	30.44	30.47	POSITIVE			
F3	23.05	30.96	31.14	31.24	POSITIVE			
F4	23.13	27.68	27.69	27.67	POSITIVE			

Paranucleospora theridion

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	23.41	31.68	31.79	31.78	POSITIVE
F2	23.31	37.54	38.41	37.43	POSITIVE
F4	23.13	36.58	36.58	36.37	POSITIVE

Histology: Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from F1-4. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

<u>Gill</u>: Mild multifocal interlamellar hyperplasia with occasional spaces (lacunae), some filled with cell debris (F1, F3 & F4) and F2 displayed scattered lamellar thickness. Some mild lamellar inflammatory cell infiltrate and foci of cell necrosis on the hyperplasic plaques also noted. Few amoebic cells resembling *Neoparamoeba perurans* and few numbers of basophilic epithelial inclusions (likely epitheliocystis) were noted in F1 & F4. Mild to marked circulatory disturbance also noted. Some free blood among gill filament and lamellar congestion noted (likely associated with killing method).

<u>Skin & Muscle</u>: Foci of muscular degeneration with associated inflammatory cell component noted on the upper layer of the skeletal red muscle (F1).

<u>Heart</u>: Focal area of myocardial muscular degeneration and inflammatory cell infiltration (compact layer of ventricle) (F3). Several thrombi noted in both spongy layer of ventricle and atrium.

Gut and pyloric caeca: Within normal range.

<u>Pancreas</u>: Some inflammatory cell infiltration surrounding pancreatic acinar tissue and also in the peri-pancreatic adipose tissue.

<u>Liver</u>: Very mild to mild hepatic necrosis (F1 & F3) and mild diffuse hepatocyte vacuolation noted in F2.

Kidney: Within normal range.

Spleen: Within normal range.



Date: 23/10/2019

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

FHI 059, Version 12		Issued by: FHI	Date of is	ssue: 08/10/2018			
Case No: 2019-0495			Date of visit:	11/09/2019			
Time spent on site:	hours	Maii	n Inspector:				
Site No: FS0941 Business No: FB0439	Site Name: Business Name:	FAI Aultbea FAI Aquaculture Ltd					
Case Types: 1 ECI	2 CNI 3	4 5	6				
Water Temp (°C): 13.7	Thermometer No:	T146	FHI 045 complet	ted			
Observations:	Region: HI	Water type: E	B CoGP MA	M-15			
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N					
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:					

Additional Case Information:

FMS - had been written for lump fish currently only fw salmon on site. Future plans for SW salmon would require a new FMS. Currently only salmon on site for work at Ardtoe. Looking to do feed trials in future.

Paperword b , Observed

Trying to refine the process for the Clean-treat boat is the future focus for the company. .

Salmon being split in next 2 weeks. Came in from Lochialort as parr at 9g on 5th August. Moving out 2nd week Nov to Ardtoe.

VHP - contact details require update along with mort disposal. Review due in July 2019 but planed for September. New VHP to be sent through on completion. Received 9/10/19

Filter intake water to 1 micron, no saprolegnia, Issue with costia prior to reducing filtration on site. Treated on 3rd May with formalin.

Possible future use of sw for salmon. Not currently authorised. Look into getting sal sw added.

No movement of dead fish off site. Currently all stored in onsite freezer. Will be removed by Billy Bowie in future. Going forward dead fish movements going to be recorded in MB. FS numbers not recorded

All lumps that were on site were grown on from fry from Iceland.

Lumpfish mortality had been high due to secondary bacterial infections, vibrio ordalii. Lumpfish treated with florical and bransil. October lost 110000 out of 147471 input. During vaccination the vaccine included baytril a short term antibiotic. Administered under cascade system. Vaccines; vibrio ordalii, Pseudomonas anguilliseptica and Pasteurella sp., Furunculosis. Lumps need to be 10g before vaccine. Succumbing to vibrio before that.

Salmon morts; 54 for month of August, post transfer, 35 were the next day after transfer.

FHI 059, Version 12			Issu	ed by: FHI	Date of issu	e: 08/10/2018		
Case No:	2019-0495]	Site No:	FS0941				
Date of Visit:		11/09/2019]		Inspector(s):]
Registration/Authornal 1. Business/site detaction 2. Changes made to	ails summary		ite representa	ative?			Y N	
Site Details								
Total No facilities	No facilities No facilities Sal parr sh 5,900 Fish Wt Fallow Date (Site) Nov Nov It (last 4 wks) disease problems? detail: Ement Records ovement records available for inspection te of last inspection: e records complete and correctly enter e movement records available for dead e records complete and correctly enter e health certificates for introductions (of sport Records) e any movements carried out by (or or			cked	1	No facilities	inspected	64
Species								
Age group								
No Fish								
Mean Fish Wt	25g							
Next Fallow Date (S	ite)	Nov		Next Input Da	ate (Site)	Ova in Octo	ober, Norway d?	/
•	disease prob	lems?		N	Any escapes	(since last v	risit)?	N
If yes, detail:								
Movement Record	s							
		or inspection?						Y
•		41410					18/04/2018	NI NI
		•		•				N/A
								N/A
		•		able?				Y
		`	,					
•		ıt by (or on be	half) of the bu	ısiness (not us	sing a STB)?			N
If yes, is there a sys		• •	•	•	_			
Mortality Records	·		·					
Mortality records	available for i	inspection?						Y
2. How are mortalitie		•			Other (detail))		
If other detail:	frozen on si	te						
3. Mortality records		d correctly ente						Y
4. Recent mortality	•			eptember, 54 i	in August.			
5. Evidence of recer		• •						N
If yes, facility nos/no	mortality per	r facility/no sto	ck per facility	/reason:				
6. Any other peaks i	n mortality du	ring period ch	ecked?					Y
o. Any other peaks i		• 1		ctions August 2	2018 Small fig	sh 72 000 mc	orts out of 29	1642 from
If yes, detail:				f 358000 input			041 01 20	1011
7. Have increased (Y
If yes, detail action:		treatment in						
8. Have 'mortality ev	ents' been re	eported to FHI	? If no, add M	IRT case and	enter on morta	lity events sl	neet.	N/A

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Recent treatments (last 4 wks)? If yes, detail:		N
If other, detail:		
Medicines records available for inspec	ction?	Y
3. Are records complete and correctly er		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 insper	ection?	Y
•	rtality removal, recording and safe disposal beer	n considered?
3. Has the manner and period in which the	he APB will notify Scottish Ministers or veterinar	y professional of any
increased (unexplained) mortality at the	site been included?	Y
	e event that the presence or suspicion of the pre when that will be notified to Scottish Ministers?	sence of a listed disease Y
5. Has the health status of aquaculture a health status, certification if required)?	animals being stocked on the farm site been cov	vered (equal or higher Y
•	neasures implemented between each epidemiol	
	movement of staff, visitors, equipment, live or de	
7. Is documentation available regarding aquaculture animals held on site?	the measures in place to maintain the physical of	containment of Y
8. Have the biosecurity procedures been	adequately implemented on site?	Y
If no, detail:		
Results of Surveillance		

18/4/18-11/9/19

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).

Records checked between:

3. Any significant results?

FHI 059, Version 12		Issued by: FHI				Date o	of issue	: 08/10/2018
Case Number:	2019-0495			Site No:	FS0941		Insp:	
Date of Visit	11/09/2019			No of mo	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	3	0	5	10	14	
with GB) of susceptible species		novements on from equivalent zo	ne or	0	9	18	26	9
·	Number of sup	ncluding third country		0		10	14	5
Movements off	Frequency of m	novements off		0	3	6	10	3
Wovernerits on	Number of des			0		6	10	3
Exposure via water		Site cor	ntacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	,		0				
susceptible to same diseases)	farms upstream	or in a coastal zone with categor n or within 1 tidal excursion		1	2	4		1
	farms upstream	or in a coastal zone with categor or within 1 tidal excursion		1	3	6		ш
		or in a coastal zone with categor n or within 1 tidal excursion	4	8		ш		
Management practices				None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent v	vaters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro			0				0
	Processing own	n fish (re-cycling risk)		1				
	Processing fish	from MS of equivalent status		2				
	equivalent statu			4				
		from Category III farm		8				
	Processing fish	from Category ∨ farm		10				\Box
Disposal of fish and fish by-	Site's own was	te only processed.		0				0
products	Common proce	esses with other farms		3	1			ш
	Collection poin	t for waste from other farms		5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed		0	i I			0
	Feeding unpas	teurised feed		5				-
Biosecurity		Number of	sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0	1	2		0
	Sites sharing s	taff and equipment		0	1	2		
Disinfection of equipment	Yes			0	1			0
between sites, use of footbaths etc	No			1				ш
CoGP/Regulator								
Practices in accordance	Yes			0				0
with regulator or industry code of practice	No			3				
Platform access to cages	Yes			0	1			0
	No			2				
						Total Rank		21 MEDIUM

Case No: Site No: FS0941	
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems in the previous 4 years?	
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?	
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time? 4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm	
Management Area (or equivalent)?	
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)	
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	
7. Are sea lice (<i>L. salmonis</i>) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)	
8. Have average adult female sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?	
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	
10. Have therapeutic treatments been administered or other actions taken when <i>L. salmonis levels</i> have exceeded the suggested criteria for treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	
11. Has any other action been taken (where applicable)?	
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?	
13. Are treatments, where conducted, carried out in cooperation between participating farms?	
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?	
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?	
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.	
Containment Inspection	
Has the site experienced equipment damage due to predators in the current or previous production cycles?	
Are measures in place to mitigate against the predation experienced on site? (Detail below)	
rentokil, tanks indoor	
If other, detail below:	
Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?	
If Yes proceed with questions 4 – 9. If No skip to question 10	
4. Have these been reported to Scottish Ministers?	
5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP - 4.4.37, 5.4.17)	
6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if any) used to recover escapees? If yes give detail	
9. If gill note were deployed was this action agreed with least wild fish interests and was remainded in the Cartiful	
8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	
9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could	
be considered under satisfactory measures of the Act)	
10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)	

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Case No:	2019-0495	Date of visit: 11/09/2019									
Site No:	FS0941	1		Inspector:		1					
Results Summary	Freq.			Dat	te of Notificat	tion					
		Database	Insp		Insp	Writing	Insp	2 nd Insp			
	-										
Report Summary				1							
Case Type	Date	Insp	2 nd Insp								
ECI, CNI	01/11/2019		2 11130								
	1										





Benchmark Animal Health Ltd Marine Research Facility Ardtoe Acharacle Argyll PH36 4LD

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0576 DATE OF VISIT 11/09/2019
SITE NO FS0941 SITE NAME BAHL Research Facility Aultbea

INSPECTOR CASE No 20190495

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

No salmon 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.

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

When recording the movements on and off the site in the movement record book it was agreed that the unique FS numbers would be included for the sources and destinations. Future movements off site for mortality removal will also be included in the movement record book.

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

Signed:
Fish Health Inspector

Date:01/11/2019

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

FHI 059, Version 12		Issued by: FHI	Date of	f issue: 08/10/2018
Case No: 2019-0498			Date of visit:	12/09/2019
Time spent on site:	4 hours	Mai	in Inspector:	
Site No: FS0068 Business No: FB0398	Site Name: Business Name:	Calva Bay (Calbha E Loch Duart Ltd	Beag)	
Case Types: 1 DIA	2 REP 3	4 5	6	
Water Temp (°C): 13.5	Thermometer No:	T146	FHI 045 comp	leted
Observations:	Region: HI	Water type:	S CoGP MA	M-5
Dead/weak/abnormally behaving	g fish present?	Y If yes, see addit	tional information/clinical s	core sheet.
Clinical signs of disease observ	ed?		tional information/clinical s	
Gross pathology observed? Diagnostic samples taken?		Y If yes, see addit	tional information/clinical s	core sheet.
Diagnostic samples taken:		<u>'</u>		
UNI/REG only - if unable to carr	y out intended visit deta	ail reason below:		

Additional Case Information:

Visit conducted following reported Mort events
WK 19/8/19-25/8/19 - morts for site; 2.02% (3793 fish) -environmental phytoplankton/ gill disease
WK 26/8/19- 1/9/19 - 5.83% (10710 fish) - phytoplankton/ gill disease
WK 36 - 8.28% - 14309 - phytoplankton/ gill disease
Wk 37 - current week 3.4% (Monday to Wed)

Fish vet group visit; 30/8/19- conclusion; compromised gill health primarily due to AGD.

Plankton bloom 6/8/19 and 14/8/19 peaks. Pseudo-nitzschia, and crenia

Mort removal; DK waste remove skip of dead fish for composting - south of England

Peak in morts; pen 10; 25.89% lost wk33 to wk36 - now harvested out. Pen 11 peak wk36 at 17.77% lost (12400 fish in pen).

Raised morts also being observed at adjacent site, Badcall Bay. This site was stocked from Calva Bay in May 2019. These figures have been reported to the FHI.

No reported mortality issues in the wrasse on site.

On site inspection very few "moribund" fish observed in the cages. Many dead being removed from the dead socks and population of fish swimming slowly in the cages.

Paperwork by , Inspection by and and, Sampling by

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	ie: 08/10/2018				
Case No:	2019-0498		Site No:	FS0068								
Date of Visit:		12/09/2019			Inspector(s):]				
Registration/Autho	risation Deta	ails										
1. Business/site deta	ails summary	checked by si	te representa	ative?			Υ	1				
2. Changes made to	details?						Υ					
Site Details												
Total No facilities		12	Facilities sto	cked	9	No facilitie	es inspected	9				
Species	sal	Wrasse					T					
Age group	2018 S0	wild										
No Fish	154,000	not provided										
Mean Fish Wt	2.5	mixed										
	ite)	april 2020		Next Input Da	ite (Site)	oct 2020						
				, , , , , , , , , , , , , , , , , , ,	1							
,				Y	Any escapes	(since last	visit)?	N				
If yes, detail:	Business/site details summary checked by site representative? Changes made to details? Pe Details tal No facilities secies sal Wrasse e group 2018 S0 wild Fish 154,000 not provided san Fish Wt 2.5 mixed suxt Fallow Date (Site) sal Wrasse group Fish 2.5 mixed suxt Fallow Date (Site) sal Wrasse secies and wrasse sec											
Movement Records	5											
1. Movement record	Movement records available for inspection?											
. Movement records available for inspection? . Date of last inspection: . Are records complete and correctly entered?												
Size No: 2019-0498 Site No: FS0068 Date of Visit: 12/09/2019 Inspector(s): 12/09/2019 Inspector												
Case No: 2019-0498 Site No: FS0068 Date of Visit: 12/09/2019 Inspector(s): 12/09/2019 Inspector												
Case No: 2019-0498 Site No: FS0068 Date of Visit: 12/09/2019 Inspector(s): 12/09/2019 Inspector												
6. Are health certification	ates for introd	luctions (outwi	ith GB) availa	able?				N/A				
Transport Records												
•			•	•	_							
If yes, is there a syst	tem in place f	or maintenanc	e of transpor	rtation records?	?							
Mortality Records												
•		•						Y				
	es disposed o	f?			Other (detail)							
If other detail:												
	•							Y				
• `	•			al info								
		• •						Y				
	mortality per	facility/no stoo	ck per facility/	/reason:								
	n mortality du	ring period che	ecked?					N				
	(nevelained)	mortalities her	on reported to	vot or FHI2								
If yes, detail action:	inexplained) i	AGD	in reported to) Vet OF FITE								
8. Have 'mortality ev	ents' been re		2 If no, add M	RT case and e	enter on morta	lity events	sheet	Y				
o. Have mortality ev	CITES DECITION	ported to 1 111.	, ii iio, aaa iii	itti case ana e	inter on morta	inty everite.	Silect.	•				

5111.050 V · · · · · · · · · · · · · · · · · ·		D
FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
If other, detail: 2. Medicines records available for ins 3. Are records complete and correctly 4. Are fish in a withdrawal period? 5. If yes, what treatment(s)? If other, detail:	TMS	Y Y Y Y Y
6. Are medicines stored appropriately	?	Y
	mortality removal, recording and safe disposal be th the APB will notify Scottish Ministers or vetering	
is detected been included and how as	the event that the presence or suspicion of the production of the	5?

aquaculture animals held on site?

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

8. Have the biosecurity procedures been adequately implemented on site?

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

- 2. If yes, are results available for inspection?
- 3. Any significant results?

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

AGD

If no, detail:

Records checked between:

30/10/19-12/9/18

FRI 009, VEISION 12							ISSUEU Dy. FIII						
	Case no:	2019-04	198	Site No:		FS0068			Date of vis Sampling:		12/0	09/2019	12/0
	Priority samples:	VI		ВА		PA		MG		Н			
	Time sampling starts/ends:	12:0	0:00	13:0	0:00		Inspecto	or:			VMD No).	0
	Environmental conditions:	1	Wet	2	Windy	3		4		5			
	Summary samples	HIST	Υ	ВА	Υ	MG	Υ	VI	Y P	Α		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No	F1	F2	F3	F4	F5	P1						
	Fish nos	1	2	3	4	5	1-5						
	Pool Group	P1	P1	P1	P1	P1							
	Species	SAL	SAL	SAL	SAL	SAL							
	Average weight	2.5000	2.5000	2.5000	2.5000	2.5000							
	Sex												
	Water Type	SW	SW	SW	SW	SW							
siis		닪	ţ	tch	tch	ch							
Details	1	cai	cat	cai	cat	cat							
$\overline{}$		-andcatch	-andcatch	-andcatch	-andcatch	Landcatch							
00	Stock Origin	1	1	1	1						igsquare		
St	Facility No	11	11	9	11	11							

09/2019 Additional Sample Information:														
6 Total Tests assigned 3														
Total Tests assigned														

FHI 059, Version 12 Issued by: FHI Date of issue: 08/10/2018 Method of killing: Percussive Case no: Site No: FS0068 2019-0498 Inspector(s): Sheet Relevant: Y Date of visit: 12/09/2019 S for strong presence: M for medium presence: W for weak presence Time sampled after death (if > 45 minutes) External Signs Behaviour Moribund Lethargic Hanging vertical Spiralling Flashing Loss of equilibrium Body Dark Distended abdomen Scale Oedema Opercula Shortened Flared Haemorrhaging Throat Ventrum Base of fins Elsewhere Eyes Exophthalmic Enophthalmic (sunken) Cataract Haemorrhagic Gills W Pale Zoned Necrotic Lesions Flank Elsewhere Vent Inflamed Trailing faeces Lice Load Estimate numbers Internal Signs Clear Ascites Bloody Oedema In tissues Heart Pale/anaemic Granulomas Deformed W Liver Petechial haem Gross haem Tissue breakdown Enlarged Colour number(s) Granulomas Lesions Pyloric caeca Petechial haem Tubules mauve Lack of fat Spleen Enlarged Granulomas Gut No food present Yellow pseudo-faeces External haem

Internal haem

Haemorrhaging

Haemorrhaging Fluid filled

Parasites present

Swollen Grey Granular Liquefied

Anaemia

Body wall

Kidney

General

Swim bladder

Case no: 2019-0498

Date of visit: 12/09/2019

S for strong presence. M for medium presence. W for w Fish Number Time sampled after death (if > 45 minutes) External Signs Behaviour Moribund Lethraric Hanging vertical Spiralling Flashing Loss of equilibrium Body Dark Distended abdomen Anorexic Scale Cedema Opercula Shortened Haemorrhaging Throat Haemorrhaging Throat Base of fins Elsewhere Eyes Exophthalmic (sunken) Cataract Haemorrhagic Gills Pale Zoned Necrotic Lesions Flank Elsewhere Vent Inflamed Trailing facees Lice Load Estimate numbers Internal Signs Accites Clear Granulomas Granulomas Granulomas Lesions Flank Flane Granulomas Coroau Instance Heart Granulomas Coroau Instances Lesions Flank	Date of visit:	12/09/2019					
Fish Number	S for strong present	ce: M for medium presence: W for v					
Time sampled after death (if > 45 minutes) External Signs Behaviour Lethargic		so. In for modulin prosonico. W for V					
External Signs		r death (if > 45 minutes)					
Behaviour Moribund		,					
Hanging vertical		Moribund					
Spiralling							
Flashing							
Loss of equilibrium							
Body Dark							
Distended abdomen							
Anorexic	Body						
Scale Oedema			_				
Opercula Shortened							
Flared	Onercula						
Haemorrhaging Throat	Орегсина						
Ventrum	Haemorrhaging						
Base of fins							
Expest							
Enophthalmic (sunken)							
Cataract	Eyes						
Haemorrhagic							
Sills							
Zoned	C:II-						
Necrotic	Gills						
Lesions			_				
Elsewhere	Lecione						
Vent Inflamed	Lesions						
Trailing faeces	Vent						
Lice Load Estimate numbers Image: Common of the property of the prope							
Ascites Clear Bloody B	Lice Load						
Ascites Clear Bloody B							
Bloody							
Dedema	Ascites						
Heart							
Granulomas							
Deformed	Heart		_				
Liver Petechial haem							
Gross haem	Liver						
Tissue breakdown	LIVOI						
Enlarged							
Colour number(s)							
Granulomas							
Pyloric caeca Petechial haem Tubules mauve Lack of fat Spleen Enlarged Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem							
Tubules mauve							
Lack of fat	Pyloric caeca						
Spieen Enlarged							
Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem	Oulean						
Gut No food present Yellow pseudo-faeces External haem Internal haem	Spieen						
Yellow pseudo-faeces External haem Internal haem	Gut						
External haem Internal haem In	out						
Internal haem							
Body wall Haemorrhaging	Body wall	Haemorrhaging					
Swim bladder Haemorrhaging	Swim bladder	Haemorrhaging					
Fluid filled		Fluid filled					
Kidney Swollen Swollen	Kidney						
Grey Grey							
Granular Gra							
Liquefied							
General Parasites present	General						
Anaemia		Anaemia					

Site No: FS0068

Case No: 2019-0498

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

Case No: 2019-0498 Date of visit: 12/09/2019 Site No: FS0068 Inspector: Results Summary Date of Notification Freq. Writing 2nd Insp Database Insp Phone Insp Insp MG AGD 3/4 20/09/2019 20/09/2019 23/10/2019 MG IHN 0/1 20/09/2019 20/09/2019 23/10/2019 MG IPN 0/1 20/09/2019 23/10/2019 20/09/2019 23/10/2019 MG ISA 20/09/2019 20/09/2019 0/1 MG Para Ther 4/4 20/09/2019 20/09/2019 23/10/2019 4/4 23/10/2019 MG Sal pox 20/09/2019 20/09/2019 23/10/2019 0/1 20/09/2019 20/09/2019 MG SAV 0/1 23/10/2019 MG VHS 20/09/2019 20/09/2019 AMGD (Histo) 1/5 26/09/2019 08/10/2019 23/10/2019 5/5 26/09/2019 23/10/2019 CGDH (Histo) 08/10/2019 23/10/2019 GPAT (Histo) 5/5 08/10/2019 08/10/2019 5/5 08/10/2019 23/10/2019 EPIT (Histo) 08/10/2019 23/10/2019 SPVH (Histo) 5/5 08/10/2019 08/10/2019 1/5 23/10/2019 BACT (Histo) 08/10/2019 08/10/2019 LPAT (Histo) 3/5 08/10/2019 08/10/2019 23/10/2019 1/5 23/10/2019 08/10/2019 08/10/2019 Vibrio Sp 23/10/2019 08/10/2019 08/10/2019 Tenacibaculum sp 3/5 08/10/2019 MG BRAN CYS 4/4 08/10/2019 23/10/2019 Tenacibaculum 0/1 15/10/2019 maritimum 23/10/2019 Report Summary 2nd Insp Case Type Date Insp DIA 17/10/2019





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No FB0398 **DATE OF VISIT** 12/09/2019

SITE No FS0068 SITE NAME Calva Bay (Calbha Beag)

INSPECTOR CASE No 20190498

Section 1: Summary

A report was received from the operator of increased mortality levels at the site due to complex gill issues. Five moribund fish were removed for diagnostic sampling.

Histopathology examination revealed multifactorial gill pathology which included the presence of amoebic cells suggestive of amoebic gill disease (AGD), epitheliocystis and apoptotic cells consistent with the presence of salmon gill poxvirus. Moderate lamellar circulatory disturbances potentially associated with water borne insult was also observed. F4 displayed multifocal bacterial branchitis. The presence of salmon gill poxvirus, *Neoparamoeba perurans* and *Candidatus* Branchiomonas cysticola were confirmed by QPCR. Mild hepatic necrosis was also noted.

Due to gill health issues observed on site samples were screened for *Paranucleospora theridion* (syn. *Desmozoon lepeophtherii*) by QPCR and tested positive for the pathogen.

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

Section 2: Case Detail

Observations

The above site was inspected following reports from the operator of increased mortality in the Atlantic salmon stocked on the site. At the time of the inspection the site was stocked with 154,000 2018 S0 Atlantic salmon at an average weight of 2.5Kg and wild-caught wrasse of mixed size.

Few moribund salmon were observed across site, however it was noted that high numbers of mortalities were being removed from dead socks, and the fish were observed swimming slowly in the cages. Five fish were sampled for diagnostic purposes.

Mortality levels began to rise during August 2019, peaking at 8.28% in week 36. Site had already begun to harvest the worst affected cages. Health surveillance carried out by the business reported AGD.

Externally, F3 had pale gills, while F2's gills were slightly zoned. F4 had sustained abrasive damage to the flank. Internally, the liver of F1 showed weak petechial haemorrhaging, and the liver of F2 and F3 were yellow/orange in colour with a mottled appearance. All fish were on starve so the guts of F1 and F3-5 were empty. The gut of F2 contained yellow pseudo-faeces.

<u>Samples</u>

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

Fish number	Pool number	Facility number	Species	Stage	Origin
F1-2 & F4-5	P1	11	Atlantic salmon	2018 S0 ~2.5kg	Clachbreac
F3	P1	9	Atlantic salmon	2018 S0 ~2.5kg	Clachbreac

Results

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

Vibrio sp.: F4 (Kidney & Gill)Tenacibaculum sp.: F1, 4-5 (Gill)

The level and purity of growth would not suggest these organisms are the primary source of morbidity.

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

Candidatus Branchiomonas cysticola

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	20.27	22.2	22.31	22.21	POSITIVE
F2	20.17	22.25	21.90	21.98	POSITIVE
F3	20.44	20.51	20.51	20.63	POSITIVE
F4	20.17	21.47	21.56	21.62	POSITIVE

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

Salmon gill poxvirus

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	23.17	28.93	28.93	28.9	POSITIVE
F2	23.19	27.74	27.68	27.69	POSITIVE
F3	23.36	30.1	30.16	30.19	POSITIVE
F4	23.48	34.87	35.15	34.86	POSITIVE

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

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

Neoparamoeba perurans (AGD)

Fish Number	Endogenous control Cp value	,	Cp Values			
F1	23.17	30.64	30.69	31.46	POSITIVE	
F2	23.19	31.47	31.49	31.52	POSITIVE	
F4	23.48	31.94	32.07	32.07	POSITIVE	

Paranucleospora theridion

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	23.17	35.12	35.37	35.34	POSITIVE
F2	23.19	33.72	33.56	33.69	POSITIVE
F3	23.36	33.71	33.59	33.59	POSITIVE
F4	23.48	26.36	26.51	26.41	POSITIVE

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

Histopathological examination revealed the following:

<u>Gill</u>: Multifocal interlamellar hyperplasia with spaces (lacunae) occasionally filled with cell debris and lamellar fusion, mainly noted in the distal part of gill filament, multifocal adherence of secondary lamellae (synechiae), marked lamellar circulatory disturbance and lamellar thrombosis, some epithelial spongiosis, mild displacement of chloride cells and hypertrophy (F1-F5) and apoptosis mainly noted in F2. High numbers of basophilic epithelial inclusions (likely epitheliocystis) (F1-F5) and amoebic cells resembling *Neoparamoeba perurans* noted F1. F4 displayed moderate presence of filamentous bacteria associated with lamellar epithelium. These bacteria stained Gram negative.

Skin & Muscle: Within normal range.

Heart: Several thrombi noted in both spongy layer of ventricle and atrium (F1).

Gut and pyloric caeca: Within normal range.

Pancreas: Within normal range.

<u>Liver</u>: Mild multifocal hepatic necrosis (F1-F3 & F5) and F1 also displayed small foci of inflammatory cell infiltration. Some mild hepatocyte vacuolation noted in F2.

Kidney: Within normal range.

Spleen: Within normal range.



Date: 23/10/2019

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

FHI 059, Version 12		Issued by: FHI		Date of	issue: 08/10/2018
Case No: 2019-0504				Date of visit:	16/09/2019
Time spent on site:	h	M	lain Inspector:	: _	
Site No: FS1327 Business No: FB0125	Site Name: Business Name:	Barcaldine Pre-sm Scottish Sea Farm			
Case Types: 1 ECI	2 CNI 3	4 5	5	6	
Water Temp (°C): 13.4	Thermometer No:	site]	FHI 045 comple	eted
Observations:	Region: ST	Water type:	F	CoGP MA	
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	n If yes, see add	ditional inform	nation/clinical sc nation/clinical sc nation/clinical sc	ore sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:			

Additional Case Information:

Water was very murky and hard to see fish.

Most tanks appeared to contain healthy looking fish with no obvious signs of disease. Some fish had signs of damage to fins, most likely attributed to nipping from other fish in the tank.

Treatment records for the use of TMS were not available for inspection as site does not keep records of its use. Site manager was under the impression that records did not need to be kept for the use of TMS, this misunderstanding will be cleared up and raised as an issue in the FHR.

Inspection and paperwork carried out by upervised by

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	ie: 08/10/2018
Case No:	2019-0504		Site No:	FS1327]			
Date of Visit:		16/09/2019			Inspector(s):]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			y n	}
Site Details								
Total No facilities		16	Facilities sto	cked	16	No facilitie	es inspected	16
Species .	SAL					T		
Age group	2019 Q4's							
No Fish	2,599,025							
Mean Fish Wt	62g							
Next Fallow Date (S	ite)	Late Novemb	per 2019	Next Input Da	ite (Site)	Early Dec	ember 2019	
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	s (since last	visit)?	N
If yes, detail:					,	(22	,	
Movement Records	s							
1. Movement record	s available fo	r inspection?						Y
2. Date of last inspe							First Inspect	tion
3. Are records comp		ectly entered?						У
4. Are movement re		•						У
5. Are records comp	lete and corre	ectly entered?	,					У
6. Are health certific	ates for introd	luctions (outw	ith GB) availa	able?				N/A
Transport Records								
1. Are any movemen		t by (or on be	half) of the bu	usiness (not us	ing a STB)?			N
If yes, is there a sys				•	_			
Mortality Records								
Mortality records a	available for i	nspection?						Y
2. How are mortalitie		•			Ensiled - on	site		
If other detail:								
3. Mortality records	complete and	correctly enter	ered?					Y
4. Recent mortality ((last 4 wks):		wk37(353-0.	.01%)wk36(364	4-0.01%)wk3	5(918-0.04%)wk34(939-0	.04)
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. Any other peaks i	n mortality du	ring period ch	acakad2					l N
If yes, detail:	Thortanty du	ning period on	eckeu:					
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	IRT case and e	enter on mort	ality events :	sheet.	N/A

If yes, detail:	IMS		
If other, detail:			
	s available for inspectior		N
3. Are records comp	lete and correctly entere	ed?	N
4. Are fish in a withd	rawal period?		Y
5. If yes, what treatm	ient(s)?	T.M.S.	
If other, detail:			
6. Are medicines sto	red appropriately?		Y
Biosecurity Record	ls		
•	ls available for inspectio	on?	\
· ·	•	ity removal, recording and safe disposal been considered?	1
	•	APB will notify Scottish Ministers or veterinary professional of any	
	ned) mortality at the site)
` '			
4. Has the action tha	it will be taken in the eve	rent that the presence or suspicion of the presence of a listed disease)
is detected been incl	uded and how and whe	en that will be notified to Scottish Ministers?	
5. Has the health sta	itus of aquaculture anim	nals being stocked on the farm site been covered (equal or higher)
health status, certific	ation if required)?		
	•	sures implemented between each epidemiological unit to minimise)
	· ·	vement of staff, visitors, equipment, live or dead fish etc.)?	
		measures in place to maintain the physical containment of)
aquaculture animals			
	ity procedures been add	lequately implemented on site?)
If no, detail:			
Results of Surveilla	ance		
1. Has any animal he	ealth surveillance been	carried out by, or on behalf of, the business?	N
2. If yes, are results	available for inspection?	?	
3. Any significant res	sults?		
If yes, detail (if not de	etailed under recent dise	sease problems).	

First Inspection. Records checked between:

FHI 059, Version 12		Issued by:	FHI			Date o	of issue	: 08/10/2018
Case Number:	2019-0504			Site No:	FS1327		Insp:	
Date of Visit	16/09/2019			No of mo	ovements/s	upp./dest.		Score
Live fish movements				0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent	t MS	0	5	10	14	
with GB) of susceptible species		novements on from equivalent	t zone or	0	9	18	26	П
·	Number of sup	ncluding third country		0	5	10	14	-
Movements off	Frequency of n			0	3	6	10	10
Wovernerits on	Number of des			0	3	6	10	3
Exposure via water		Site	contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	,		0				0
susceptible to same diseases)	farms upstrean	or in a coastal zone with cate n or within 1 tidal excursion	•	1	2	4		
	farms upstrean	or in a coastal zone with cate n or within 1 tidal excursion	•	1	3	6		ш
		or in a coastal zone with cate n or within 1 tidal excursion	egory V	1	4	8		ш
Management practices				None	Secure	Unsecure		
Water contacts with processors	Any processing	ı plant discharging into adjace	ent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro			0				0
	Processing own	n fish (re-cycling risk)		1				
	Processing fish	from MS of equivalent status	3	2				
	equivalent stat		f	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				ш
	Collection poin	t for waste from other farms		5				5
Use of unpasteurised feeds	No feeding of u	npasteurised feed		0				0
	Feeding unpas	teurised feed		5				ш
Biosecurity		Numbe	er of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0	1	2		2
	Sites sharing s	taff and equipment		0	1	2		2
Disinfection of equipment	Yes			0				0
between sites, use of footbaths etc	No			1				Н
CoGP/Regulator								
Practices in accordance	Yes			0				0
with regulator or industry code of practice	No			3				
Platform access to cages	Yes			0				0
	No			2				
						Total Rank		23 MEDIUM

Case No:	2019-0504	;	Site No:	FS1327	
Sea Lice Inspection (Seawater Sites Only) Inced sea lice problems in the pre	vious 4 years?			
2. Is the CoGP Farm N	Management Area (or equivalent)	fallowed synchronously on	a single y	ear class basis?	
azamethiphos and em can these be deployed	access to a range of licenced in-fe amectin benzoate) as well as acc I in a reasonable period of time? cumented farm management agre	cess to suitable biological a	nd/or mecl	hanical control measure	s, and
Management Area (or					
5. Are sea lice count re	ecords available for inspection? (L	Legal SSI, CoGP Annex 6)			
6. Do records adequat	ely reflect the required standard s	specified in the SSI and the	CoGP? (L	egal SSI, CoGP Annex	6)
7. Are sea lice (L. saln records are inspected	nonis) record levels below the sug ? (CoGP Annex 6)	ggested criteria for treatmer	nt in the Co	oGP during the period th	at
	female sea lice (L . salmonis) nur 0/6/19) during the period that rec	•	el of 3 or a	above (prior to w/b 10/6/	19) or
If yes, have these bee	n reported to the Fish Health Insp	ectorate? If no, FHI see co	mment.		
9. Is C. elongatus infe	station at a level which is conside	red to cause significant we	lfare proble	ems? (CoGP 4.3.81, 5.3	.50)
	reatments been administered or or creatment or where <i>C. elongatus</i> i				
11. Has any other action	on been taken (where applicable)	?			
12. Have therapeutic t	reatments or the actions taken ha	d a significant impact upon	the lice le	vels recorded?	
13. Are treatments, wh	nere conducted, carried out in coo	peration between participat	ting farms?	?	
14. Is there a harvesting sea lice?	ng strategy for the site, where few	er populations or part popu	lations are	held without treatment	for
	cific written lice management proc scalation of a sea lice infestation?		ribing set a	actions to deal with reco	gnised
16. Do the sea lice lev	els observed on stocks reflect sea	a lice count data? If no plea	se detail re	easons.	
Containment Inspect	ion				
1. Has the site experie	nced equipment damage due to p	predators in the current or p	revious pro	oduction cycles?	N
2. Are measures in pla	ace to mitigate against the predation	on experienced on site? (De	etail below)	Y
Pest control					
If other, detail below	:				
0. 11			1	- It FIII 't'0	N
	ents or events been experienced of	•	te since the	e last FHI inspection?	14
	estions 4 – 9. If No skip to question ported to Scottish Ministers?	on 10			
5. Have these been re	ported to local DSFB forthwith (wh	here they exist)? (CoGP -	4.4.37, 5.4	J.17)	
6. Have these been re	ported to the SSPO and local fish	eries trusts forthwith (where	e they exist	t)? (CoGP – 4.4.37, 5.4.	17)
7. Were methods (if an	ny) used to recover escapees? If y	yes give detail			
8 If all note were den	loyed was this action agreed with	local wild fish interests and	Was norm	ission diven by Scottish	
Ministers? (Legal, CoC		local wild fish interests and	was penn	ission given by Scottish	
, -	ken to prevent and minimise the ri	sk of further escapes? (Not	t covered in	n code but could	
	r satisfactory measures of the				
10. Is the site inspecte	ed as satisfactory with regards to o	containment? If no, please	detail reaso	on(s)	Υ

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Case No:	2019-0504			Date of visit:	16/09/2019			
Site No:	FS1327	l		Inspector:		l		
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summany								
Report Summary Case Type	Date	lnon	ond .					
Case Type		Insp	2 nd Insp					
ECI CNI	08/10/2019							
			—					
			—					





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0125
SITE NO FS1327
SITE NAME Barcaldine Pre-smolt Unit CASE NO 20190504

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

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

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

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

Medicine records were inspected and found to be inadequately maintained.

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

Records detailing the use of Tricaine Methane Sulphonate (TMS) were not maintained. TMS is categorised as a medicine therefore medicine records relating to the administration of TMS must be maintained.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

Please contact myself or the duty inspector should you require any assistance or clarification in implementing any requirement or recommendation detailed in 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: 08/10/2019

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0505			Date of visit: 16/09/2019
Time spent on site:	hours	Main Inspe	ector:
Site No: FS1326 Business No: FB0125	Site Name: Business Name:	Barcaldine On-Growing Uni Scottish Sea Farms Ltd	it
Case Types: 1 ECI	2 CNI 3	4 5	6
Water Temp (°C): 13.6	Thermometer No:	site	FHI 045 completed
Observations:	Region: ST	Water type: F	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		n If yes, see additional in	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:	

Additional Case Information:

small amount of fin damage noted in a couple of the tanks, but not an endemic problem for the site.

Records of use of TMS were not kept. This was due to a misunderstanding of the site manager. An issue will be raised and it will be agreed with the site manager that these records will be kept moving forwards.

Inspection and paperwork completed by supervised by

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0505		Site No:	FS1326				
Date of Visit:		16/09/2019]		Inspector(s):]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			y n	
Site Details			_			_		
Total No facilities		16	Facilities sto	cked	15	No facilitie	s inspected	15
Species	SAL							
Age group	2020 Q1's 2,585,664							
No Fish								
Mean Fish Wt	15g	0.11.004		N (1 (5	1 (0:1)		0010	
Next Fallow Date (S	ite)	October 201	9	Next Input Da	ate (Site)	December	2019	
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
Movement Records	5							
1. Movement record	s available fo	r inspection?						Y
2. Date of last inspe							First Inspect	ion
3. Are records comp		ectly entered?	?					Y
4. Are movement re	cords availabl	e for dead fis	h and waste?					Y
5. Are records comp	lete and corre	ectly entered?	?					Y
6. Are health certific	ates for introd	uctions (outw	vith GB) availa	able?				N/A
Transport Records								
1. Are any movemen		by (or on be	half) of the bu	siness (not us	ing a STB)?			N
If yes, is there a syst				•	_			
Mortality Records								
Mortality records a	available for in	nspection?						Y
2. How are mortalitie		•			Ensiled - on	site		
			oy JM murdoo	k - Cumberna	uld			
3. Mortality records	complete and	correctly enter	ered?					Y
4. Recent mortality (last 4 wks):		wk 37 (510 -	0.04%) wk36(820-0.06%)wl	k35(932-0.1	2%)wk34(0-0	%)
5. Evidence of recer	nt increased/a	typical mortal	lities?					N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
6. Any other peaks in If yes, detail:	n mortality du	ring period ch	necked?					N
7. Have increased (u	ınexplained) ı	nortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:			,					
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	RT case and e	enter on morta	lity events s	sheet.	N/A

_	 4_		O	:	 nce
-	TC	α		rve.	 nce

If no, detail:

aquaculture animals held on site?

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

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

3. Any significant results?

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

8. Have the biosecurity procedures been adequately implemented on site?

Records checked between: Start of production - 16/09/19

FHI 059, Version 12		Issued by: FHI			Date of	of issue	: 08/10/2018
Case Number:	2019-0505		Site No	: FS1326		Insp:	
Date of Visit	16/09/2019		No of n	novements/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 o		0 9	18	26	
	Number of sup	ncluding third country pliers		0 5		14	Н
Movements off	Frequency of m	novements off	_	0 3	6	10	10
Wovernerits on	Number of des			0 3		10	3
Exposure via water	<u> </u>	Site contac	ts	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		ш
	farms upstream	or in a coastal zone with category III n or within 1 tidal excursion		1 3	6		ш
		or in a coastal zone with category V n or within 1 tidal excursion		1 4	8		ш
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent wate		0 1	2		
On farm processing within the rules of the directive	No on farm pro			0			0
	Processing own	n fish (re-cycling risk)		1			
	Processing fish	from MS of equivalent status		2			
	equivalent statu			4			
		r from Category III farm		8			
	Processing fish	n from Category ∨ farm	1	0			ш
Disposal of fish and fish by-	Site's own was	te only processed.		0			
products	Common proce	esses with other farms		3			ш
	Collection poin	t for waste from other farms		5			5
Use of unpasteurised feeds	No feeding of u	inpasteurised feed		_ 			0
	Feeding unpas	teurised feed		5			
Biosecurity		Number of sit	es	1 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0 1	2		2
	Sites sharing s	taff and equipment		0 1	2		2
Disinfection of equipment	Yes			0			0
between sites, use of footbaths etc	No			1			ш
CoGP/Regulator				_			
Practices in accordance	Yes			0			0
with regulator or industry code of practice	No			3			
Platform access to cages	Yes			ol			0
	No			2			
					Total Rank		22 MEDIUM

Case No:	2019-0505	Site No: FS1326	
Sea Lice Inspection (S	• •	s in the previous 4 years?	
•	•	quivalent) fallowed synchronously on a single year class basis?	
3. Does the site have a azamethiphos and ema can these be deployed	access to a range of licamectin benzoate) as in a reasonable periodumented farm manag	enced in-feed and bath sea lice medications (including deltamethrin, well as access to suitable biological and/or mechanical control measures, ar	nd
,	•	pection? (Legal SSI, CoGP Annex 6)	
6. Do records adequate	ely reflect the required	standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	
7. Are sea lice (<i>L. salm</i> records are inspected?		low the suggested criteria for treatment in the CoGP during the period that	
		<i>monis</i>) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) od that records are inspected?	or
If yes, have these been	reported to the Fish I	Health Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infes	station at a level which	is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	
		stered or other actions taken when <i>L. salmonis levels</i> have exceeded the <i>elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	
11. Has any other actio	on been taken (where a	applicable)?	
12. Have therapeutic tr	eatments or the action	s taken had a significant impact upon the lice levels recorded?	
		out in cooperation between participating farms? where fewer populations or part populations are held without treatment for	
		ement procedure with waypoints describing set actions to deal with recognise nfestation?	ed
16. Do the sea lice leve	els observed on stocks	reflect sea lice count data? If no please detail reasons.	
Containment Inspecti			
	• •	ge due to predators in the current or previous production cycles?	N
•	, ,	the predation experienced on site? (Detail below)	Υ
Pest solutions LTD fo	·		
If other, detail below:			
Have escape incide	nts or events been ext	perienced on or in the vicinity of the site since the last FHI inspection?	N
If Yes proceed with que	·		
4. Have these been rep		•	
5. Have these been rep	oorted to local DSFB fo	orthwith (where they exist)? (CoGP - 4.4.37, 5.4.17)	
6. Have these been rep	oorted to the SSPO an	d local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if an	y) used to recover esc	apees? If yes give detail	
8. If gill nets were deplo	oved was this action a	greed with local wild fish interests and was permission given by Scottish	
Ministers? (Legal, CoG		g	
9. What action was tak	en to prevent and min	mise the risk of further escapes? (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 reason(s)	Υ

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Case No:	2019-0505	Date of visit: 16/09/2019							
Site No:	FS1326	l	Inspector:						
Results Summary	Freq.		Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
D									
Report Summary Case Type		-							
Case Type	Date	Insp	2 nd Insp						
ECI CNI	08/10/2019								





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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0125 DATE OF VISIT 16/09/2019
SITE NO FS1326 SITE NAME Barcaldine On-Growing Unit
INSPECTOR CASE NO 20190505

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.

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

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

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

Medicine records were inspected and found to be inadequately maintained.

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

Records detailing the use of Tricaine Methane Sulphonate (TMS) were not maintained. TMS is categorised as a medicine therefore medicine records relating to the administration of TMS must be maintained.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

Please contact myself or the duty inspector should you require any assistance or clarification in implementing any requirement or recommendation detailed in 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: 08/10/2019

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0506			Date of visit: 17/09/2019
Time spent on site: 4	hours	Main Inspecto	or:
Site No: FS0106 Business No: FB0071	Site Name: Business Name:	Allt Mhor JS Salmon Ltd	
Case Types: 1 ECI 2	CNI 3	4 5	6
Water Temp (°C): 12.9	Thermometer No:	T173	FHI 045 completed
Observations:	Region: ST	Water type: F	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	n If yes, see additional infor	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:	

Additional Case Information:

Water was very murky so difficult to observe fish. No moribunds or damaged fish observed across the stocked tanks.

Kames has employed a new site manager to take over most responsibilities from the previous owner.

Some records were missing from the mortality data. Several weeks worth of mortality data were missing. Week 23/24 2019. In the movement records there were detailed as being a mortality event of 30000 fish due to water draining from tanks. The corresponding mortality records for this week were not available for inspection. The site manager is going to locate the records and send them on for FHI to inspect. This was not reported to FHI as it was below the 3% threshold required, to report for the size fish. This will be confirmed upon receipt of mortality records.

Recent mortality has been very low with no notable health issues with fish stocked on site.

Site has regular issues with mink and otters predating on the salmon. They protect the site with electric fences and tank covers as well as daily checks and repairs to all fences and sheds.

Treatment records for the use of TMS were not available for inspection.

Inspection and paperwork carried out by supervised by

FHI 059, Version 12		Issu	ed by: FHI			Date of issu	ie: 08/10/2018
Case No: 2019-0)506	Site No:	FS0106				
Date of Visit:	17/09/201	19		Inspector(s)]
Registration/Authorisation 1. Business/site details sum 2. Changes made to details	nmary checked by	site representa	ative?			Y Y	- }
Site Details		_					
Total No facilities	43	Facilities sto	cked	1/	No facilitie	s inspected	43
Species Sal Age group 2019 F	Par						
No Fish 173,67							
Mean Fish Wt 31g							
Next Fallow Date (Site)	October 20	19	Next Input Da	ite (Site)	Novembe	r 2019	
Recent (last 4 wks) disease	problems?		N	Any escapes	s (since last	visit)?	N
Movement Records							
1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available?							N Y Y Y
Transport Records 1. Are any movements carrill yes, is there a system in p		•	•	_			Y
Mortality Records		·					
1. Mortality records available	•						Y
2. How are mortalities disposit other detail: Landfil				Other (detail)		
3. Mortality records complete		ntered?					N
4. Recent mortality (last 4 w	•		n) wk36(33 fish)wk35(25) wk	34 (46 Fish)	(Low Mortali	ity)
5. Evidence of recent increa If yes, facility nos/no mortal	• •		/reason:				N
C. A	lita a de coira a caracter d	-110					
6. Any other peaks in morta If yes, detail:	lity during period of Iditional info / mov						Y
7. Have increased (unexpla			o vet or FHI?				N/A
If yes, detail action:		110.12			10.		
8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.						N/A	

Records checked between:

If no. detail:

Results of Surveillance

8. Have the biosecurity procedures been adequately implemented on site?

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

20/3/18-17/9/19

FHI 059, Version 12		Issued by: FHI			Date	of issue	: 08/10/2018
Case Number:	2019-0506		Site No:	FS0106		Insp:	
Date of Visit	17/09/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	5
with GB) of susceptible species		novements on from equivalent zone or		_	40	- 00	
species	compartment in Number of sup	ncluding third country	0			26 14	
Movements off	Frequency of n		0			10	10
F	Number of des		0			10	3
Exposure via water Water contacts with other	Farm is protect	Site contacts ed (secure water supply through	<u> </u>	1-5	6-10		
farms (holding species	disinfection or		0				0
susceptible to same		or in a coastal zone with category I					
diseases)	•	n or within 1 tidal excursion	1	2	4		1
		or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V			,		_
		n or within 1 tidal excursion	1	4	8		L I
Management practices			None	Secure	Unsecure		
Water contacts with	Any processing	plant discharging into adjacent waters		T T	Chiocodic		
processors	, , , , , , , , , , , , , , , , , , , ,	, , ,	0	1	2		0
On farm processing within	No on farm pro	cessing	0]			
the rules of the directive	Processing own	n fish (re-cycling risk)	4	1			<u> </u>
		n from MS of equivalent status	1				-
	Processing fish from zone or compartment of			-			-
	equivalent status						
	Processing fish	from Category III farm	8				
	Processing fish	n from Category ∨ 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				
	Collection poin	t for waste from other farms	5				5
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	1			0
·	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0	j			
between sites, use of footbaths etc	No		1	1			H
CoGP/Regulator			<u>'</u>	1			
Practices in accordance	Yes			1			0
with regulator or industry	No		-	+			
code of practice] 3	1			
Platform access to cages	Yes		0	1			0
	No		2				\vdash
					Total		31
					Rank		HIGH

Case No:	2019-0506		Site No:	FS0106			
•	(Seawater Sites Only) enced sea lice problems in	n the previous 4 years	?				
2. Is the CoGP Farm N	Management Area (or equ	ivalent) fallowed synd	chronously on a single	year class basis?			
azamethiphos and em	access to a range of licen namectin benzoate) as we d in a reasonable period o ocumented farm managen	ell as access to suitable f time?	le biological and/or me	chanical control measures, a	ind		
Management Area (or							
5. Are sea lice count r	ecords available for inspe	ction? (Legal SSI, Co	GP Annex 6)				
6. Do records adequate	tely reflect the required st	andard specified in the	e SSI and the CoGP? (Legal SSI, CoGP Annex 6)			
7. Are sea lice (<i>L. salr</i> records are inspected		v the suggested criteri	ia for treatment in the 0	CoGP during the period that			
2 or above (from w/b 1	10/6/19) during the period	that records are inspe	ected?	above (prior to w/b 10/6/19)	or		
If yes, have these bee	en reported to the Fish He	alth Inspectorate? If n	o, FHI see comment.				
9. Is C. elongatus infe	estation at a level which is	considered to cause	significant welfare prob	olems? (CoGP 4.3.81, 5.3.50)		
				s levels have exceeded the ations? (CoGP 4.3.82, 5.3.51)		
11. Has any other acti	ion been taken (where ap	olicable)?					
12. Have therapeutic t	treatments or the actions	aken had a significan	t impact upon the lice l	evels recorded?			
13. Are treatments, wh	here conducted, carried o	ut in cooperation betw	een participating farms	s?			
sea lice?	14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?						
	cific written lice managem escalation of a sea lice inf		aypoints describing set	actions to deal with recognis	sed		
16. Do the sea lice lev	vels observed on stocks re	eflect sea lice count da	ata? If no please detail	reasons.			
Containment Inspect	tion						
1. Has the site experie	enced equipment damage	due to predators in th	ne current or previous p	production cycles?	Υ		
2. Are measures in pla	ace to mitigate against the	predation experience	ed on site? (Detail belo	w)	Υ		
electric fences	fence check/repair	tank covers	poly tunnels				
If other, detail below	/:						
2. Have assens incide	anta ar avanta baan ayna	damaad on avin the vic	sinife of the site since t	ha last El II inspection?	N		
	ents or events been expe		cinity of the site since t	ne iast rmi inspection?			
	uestions 4 – 9. If No skip to eported to Scottish Ministe						
	,						
	eported to local DSFB forti						
6. Have these been re	eported to the SSPO and I	ocal fisheries trusts fo	rthwith (where they exi	ist)? (CoGP – 4.4.37, 5.4.17)			
7. Were methods (if a	ny) used to recover escap	ees? If yes give detai	l				
8. If gill nets were dep	loyed was this action agre	eed with local wild fish	interests and was peri	mission given by Scottish			
Ministers? (Legal, Coo							
	ken to prevent and minim		escapes? (Not covered	in code but could			
	er satisfactory measure	· · · · · · · · · · · · · · · · · · ·					
10. Is the site inspecte	ed as satisfactory with reg	ards to containment?	If no, please detail rea	son(s)	Y		

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Case No:	2019-0506	Date of visit: 17/09/2019							
Site No:	FS0106	1	Inspector:						
Results Summary	Freq.		Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
Damant Consumer									
Report Summary Case Type									
Case Type	Date	Insp	2 nd Insp						
ECI CNI Case completion	09/10/2019								
Case completion	03/12/2019								





JS Salmon Ltd Allt Mhor Hatchery Clachan Tarbert PA29 6XL

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0071
 Date of Visit 17/09/2019

 Site No
 FS0106
 Site Name
 Allt Mhor

 Inspector
 Case No
 20190506

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be inadequately maintained.

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

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

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

Movement records:

The date of movements are not maintained correctly, a separate entry should be used for each daily movement on or off site.

The source or destination is not maintained correctly, the company, the site name and the FS number should be recorded for each daily movement on or off site.

Mortality records:

Mortality records were not maintained correctly, records from 3/6/2019 to 16/6/2019 were missing from the records. It was understood that they had been misplaced however, these records should be located and copies provided.

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

Medicine records were not available for inspection.

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

Medicine records:

Medicine records were not available for inspection, medicine records must be maintained were Veterinary medicines have been administered to the aquaculture animals, this includes the use of Tricaine methane sulphonate (TMS).

Treatment records must be maintained in future and made available for inspection.

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

R04



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





JS Salmon Ltd Allt Mhor Hatchery Clachan Tarbert PA29 6XL

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0071
 Date of Visit
 17/09/2019

 Site No
 FS0106
 Site Name
 Allt Mhor

 Inspector
 Case No
 20190506

Case completion report

Issues were raised in relation to the above case, with a requirement for mortality records from week beginning 3rd and 10^h June 2019 to be submitted to Marine Scotland by 25th November 2019.

Given that these records cannot be located the case will now be closed. Please ensure that complete mortality records are maintained and made available for future Inspections. 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: 03/12/2019
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 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0507			Date of visit: 17/09/2019
Time spent on site:	hours	Main Inspect	or:
Site No: FS0821 Business No: FB0071	Site Name: Business Name:	Kilcalmonell Hatchery JS Salmon Ltd	
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C): n/a	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: F	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observe 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 deta		
		Site fallow	

Additional Case Information:

Site was inspected and found to be fallow.

total of 8 tanks on site, only 7 are being used however as one is in disrepair and not fit for holding stock.

Site is only stocked throughout the summer months and tends to be fallow through the autumn, winter and spring.

Inspection and paperwork carried out by upervised by

FHI 059, Version 12		Issued by	/: FHI		Date of issu	ie: 08/10/2018
Case No: 2019-050	7 Site	No:	FS0821			
Date of Visit:	17/09/2019		Inspector((s):]
Registration/Authorisation D 1. Business/site details summa 2. Changes made to details?		oresentative?	,		Y Y	}
Site Details						
Total No facilities	8 Facil	ities stocked	0	No facilitie	s inspected	8
Species Fallow						
Age group	+					
No Fish				_		
Mean Fish Wt						
Next Fallow Date (Site)	Fallow	Nex	t Input Date (Site)	Summer 2	2020	
Recent (last 4 wks) disease pro	oblome?		N Any assar	es (since last	vicit\2	N
If yes, detail:	bolems?		Any escap	bes (since last	VISIL) !	IN
Movement Records						
Movement records available	for inspection?					Y
2. Date of last inspection:					23/11/2016	
Are records complete and c	•					N
4. Are movement records avail		waste?				N/A
5. Are records complete and co	•):I-I-I-O				N/A
Are health certificates for interest.	roductions (outwith Gi	3) avallable?				N/A
Transport Records						
1. Are any movements carried	• •		· ·	?		Y
If yes, is there a system in plac	e for maintenance of	transportation	n records?			Y
Mortality Records						
 Mortality records available for 	•					Y
2. How are mortalities disposed	d of?		Other (det	tail)		
If other detail:						
3. Mortality records complete a						Y
4. Recent mortality (last 4 wks)		(35(2 fish) v	veek 34(3 fish)			
5. Evidence of recent increased						N
If yes, facility nos/no mortality p	er facility/no stock pe	r facility/reas	on:			
6. Any other peaks in mortality	during period checker	12				l N
If yes, detail:	during period checked	u:				I
7. Have increased (unexplained	d) mortalities been rer	orted to vet	or FHI?			N/A
If yes, detail action:						
8. Have 'mortality events' been	reported to FHI? If no	add MRT d	ase and enter on mo	ortality events	sheet.	N/A

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
		M
1. Recent treatments (last 4 wks)?		l N
If yes, detail: If other, detail:		
Medicines records available for inspersional control of the c	ection?	N/A
Are records complete and correctly expenses.		
4. Are fish in a withdrawal period?		N/A
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?	•	N/A
Biosecurity Records		
Biosecurity records available for insp	pection?	
•	nortality removal, recording and safe disposal b	peen considered?
•	the APB will notify Scottish Ministers or veteri	
increased (unexplained) mortality at the	ne site been included?	
	he event that the presence or suspicion of the	
	d when that will be notified to Scottish Minister	
b. Has the health status of aquaculture health status, certification if required)?	e animals being stocked on the farm site been	covered (equal or nigner
meanin status, certification in required):		
6. Have the husbandry and biosecurity	measures implemented between each epiden	niological unit to minimise
•	(movement of staff, visitors, equipment, live or	
	g the measures in place to maintain the physic	
aquaculture animals held on site?		
8. Have the biosecurity procedures bee	en adequately implemented on site?	
If no, detail:		

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

Results of Surveillance

3. Any significant results?

2. If yes, are results available for inspection?

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

Records checked between:

23/11/16 - 17/09/19

FHI 059, Version 12		Issued by: FHI			Date of	of issue	: 08/10/2018
Case Number:	2019-0507		Site No:	FS0821		Insp:	
Date of Visit	17/09/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	$\overline{}$
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
	Number of sup	ncluding third country	0			14	-
Movements off			0			10	10
Movements on	Frequency of n Number of des		0			10	3
Exposure via water	rtuiliber er des	Site contacts		_			
Water contacts with other	Farm is protect	ed (secure water supply through					
farms (holding species	disinfection or l	,	0				igwdappu
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		1
,		or in a coastal zone with category III					\vdash
		n or within 1 tidal excursion	1	3	6		ш
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
	namio apotroan	TOT WILLIAM T LIGHT CACCATOLOGY	<u> </u>		<u> </u>		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				-
	Processing fish from zone or compartment of equivalent status						
	Processing fish from Category III farm			1			$\overline{}$
	Processing fish	n from Category ∀ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	Ī			$\overline{}$
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				-
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	1			0
·	Feeding unpas	·	5				-
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1				-
CoGP/Regulator				•			
Practices in accordance	Yes		0	1			0
with regulator or industry code of practice	No		3				\vdash
out of practice				J			
Platform access to cages	Yes		0				0
	No		2				
					Total		19
					Rank		MEDIUM

Case No: Site No: FS0821	
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems in the previous 4 years?	
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?	
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time? 4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm	
Management Area (or equivalent)?	
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)	
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	
7. Are sea lice (<i>L. salmonis</i>) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)	
8. Have average adult female sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?	
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.	
9. Is <i>C. elongatus</i> infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	
10. Have therapeutic treatments been administered or other actions taken when <i>L. salmonis levels</i> have exceeded the suggested criteria for treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	
11. Has any other action been taken (where applicable)?	
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?	
13. Are treatments, where conducted, carried out in cooperation between participating farms?	
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?	
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?	
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.	
Containment Inspection	
Has the site experienced equipment damage due to predators in the current or previous production cycles?	
2. Are measures in place to mitigate against the predation experienced on site? (Detail below)	
If other, detail below:	
Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?	
If Yes proceed with questions 4 – 9. If No skip to question 10	
4. Have these been reported to Scottish Ministers?	
5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP - 4.4.37, 5.4.17)	
6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if any) used to recover escapees? If yes give detail	
If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish	
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	
9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could	
be considered under satisfactory measures of the Act)	
10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)	

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Case No:	2019-0507			Date of visit:	17/09/2019			
Cubb No.	2010 0001			Date of Visit.	11700/2010			
Site No:	FS0821			Inspector:				
Results Summary	Freq.			Da	te of Notifica	tion		
·		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
			-		-			
					—			
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
REG	08/10/2019							
		_						





JS Salmon Ltd Allt Mhor Hatchery Clachan Tarbert PA29 6XL

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0071 DATE OF VISIT 17/09/2019
SITE NO FS0821 SITE NAME Kilcalmonell Hatchery
INSPECTOR CASE NO 20190507

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

R04

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

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

Movement records:

The date of movements are not maintained correctly, a separate entry should be used for each daily movement on or off site.

The source or destination is not maintained correctly, the company, the site name and the FS number should be recorded for each daily movement on or off site.

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

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