FHI 059, Version 12	_	Issued by: FHI	Date of issue: 08/10/2018				
Case No: 2020-0118			Date of visit: 10/03/2020				
Time spent on site:	2 hours	Main In	spector:				
Site No: FS1318 Business No: FB0169	Site Name: Business Name:	Portree Outer The Scottish Salmon Co	ompany				
Case Types: 1 REG	2 CNI 3 SLI	4 VMD 5	6				
Water Temp (°C):	Thermometer No:		FHI 045 completed				
Observations:	Region: HI	Water type: S	CoGP MA M-26				
Dead/weak/abnormally behaving	•	N/A If yes, see additional information/clinical score sheet.					
Clinical signs of disease obser Gross pathology observed?	vea :		al information/clinical score sheet. al information/clinical score sheet.				
Diagnostic samples taken?		N					
UNI/REG only - if unable to car	rry out intended visit detai	I reason below:					
	Unable to inspec	t pens due to adverse weathe	r				

Additional Case Information:

Live harvest to Arnish.

Morts; 2020 wk7 735, 0.17%, wk8 550, 0.13%, wk 9 2194, 0.52 (seal and post treatment), wk10 851, 0.21%

Unable to inspect pens due to adverse weather. Fish had been collected from yesterdays harvest and stored at the site shore base for flesh quality sampling by TSSC and EWOS. Pen numbers were recorded. Samples were taken from these fish for VMD sampling.

Morts ensiled on barge, removed by Ferguson. 5 removals this cycle. Taken to Energen Biogas in Cumbernauld.

Routine health checks every 2 weeks by own health team.

FHI 059, Version 12			Issu	ued by: FHI			Date of issu	ue: 08/10/2018
Case No:	2020-0118		Site No:	FS1318				
Date of Visit:		10/03/2020)		Inspector(s):]
Registration/Autho	risation Det	ails						
1. Business/site deta	ails summary	checked by s	site representa	ative?			Υ	
2. Changes made to	details?						Υ	1
Site Details								
Total No facilities		10	Facilities sto	ocked	9	No facilitie	es inspected	0
Species	sal	lump fish						
Age group	2018 S0	MVG						
No Fish	341,917	about 11%				+		
Mean Fish Wt	4278	mixed						
Next Fallow Date (Si	ite)	April/ May 20	020	Next Input Da	ate (Site)	Sept 2020		
, , , , , , , , , , , , , , , , , , , ,	,	, 4			1	СТР		
Recent (last 4 wks)	disease probl	lems?		N	Any escapes	s (since last	visit)?	N
If yes, detail:								
Movement Records	<u> </u>							
Movement records		r inspection?						Y
2. Date of last inspec		Порослоги					28/11/2018	
3. Are records comp		ectly entered	?				23/11/23	Y
4. Are movement red				?				Y
5. Are records comp								Y
6. Are health certification		•		able?				N/A
Transport Records								
1. Are any movemen	nts carried ou	t by (or on be	half) of the bu	usiness (not us	ing a STB)?			N
If yes, is there a syst	em in place f	or maintenan	ice of transpo	rtation records	?			N/A
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalitie	s disposed o	if?			Ensiled - on	site		
If other detail:								
3. Mortality records of	•	correctly ent						Y
4. Recent mortality (•		see addition	al info				
Evidence of recen		• •						N
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:				
O Arresth or pooks in		······································	l - d2					
6. Any other peaks in If yes, detail:				/ post treatme	nt reported			'
7. Have increased (u				% post treatmer	it - reported			Y
If yes, detail action:	пехрапеч,	Reported to		J Vet Of 1 111:				
8. Have 'mortality ev	ents' been re			IRT case and e	enter on morta	ality events s	sheet.	Y

FHI 059, Version 12		Issued by: FHI	Date of issue	e: 08/10/2018
Recent treatments If yes, detail: If other, detail:	(last 4 wks)? T.M.S.			Y
	•	T.M.S.		Y Y Y
If other, detail: 6. Are medicines store Biosecurity Records				Y
 Biosecurity records Has the manner an Has the manner an 	available for inspection? d frequency of mortality removal, d period in which the APB will no ed) mortality at the site been incl	tify Scottish Ministers or veter		Y Y

28/11/18-11/3/20 Records checked between:

П	HI 059, Version 12							ISS	suea by:	гпі			
	Case no:	2020-01	118	Site No:		FS1318	,		Date of Samplin		10/0	03/2020	
	Priority samples:	VI		ВА		PA		MG		g. HI			
	Time sampling starts/ends:	12:0	0:00	13:0	0:00		Inspecto	or:			VMD No	o. [15
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2	3	4								
	Pool Group												
	Species	SAL	SAL	SAL	SAL								
	Average weight	4kg	4kg	4kg	4kg								
	Sex												
	Water Type	SW	SW	SW	SW								
		Ξ	٤	5	٤								
		Ba	Bul	Bul	Bul								
Details		<u>@</u>	<u>@</u>	<u>e</u>	<u>@</u>								
		Russel Burn	Russel Burn	Russel Burn	Russel Burn								
Stock	Stock Origin												
St	Facility No	19	16	12	13								

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

FHI 059, Version 12		Issued by: FHI				Date o	of issue	: 08/10/2018
Case Number:	2020-0118			Site No:	FS1318		Insp:	
Date of Visit	10/03/2020		No of mo		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	0
with GB) of susceptible species	Frequency of movements on from equivalent zone or compartment including third country				9	18	26	$\overline{}$
·	Number of sup	•		0		10	14	-
Movements off	Frequency of m			0	3	6	10	10
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 n or within 1 tidal excursion		1	3	6		ш
		or in a coastal zone with categor n or within 1 tidal excursion	у∨	1	4	8		ш
Management practices				None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent v	waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro			0				
	Processing own		1				1	
	Processing fish	from MS of equivalent status		2				
	Processing fish from zone or compartment of equivalent status			4				
		from Category III farm		8				
	Processing fish	rfrom Category ∨ farm		10				\Box
Disposal of fish and fish by-	Site's own was	te only processed.		0				
products	Common proce	esses with other farms		3	1			ш
	Collection poin	t for waste from other farms		5				5
Use of unpasteurised feeds	No feeding of u	inpasteurised feed		0	j			0
	Feeding unpas	teurised feed		5				
Biosecurity		Number of	f 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			
between sites, use of footbaths etc	No			1				1
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		23 MEDIUM

Case No:	2020-0118	Site No: FS1318	
Sea Lice Inspection (S	• •		
•	•	s in the previous 4 years?	N
	-	quivalent) fallowed synchronously on a single year class basis?	Υ
azamethiphos and ema can these be deployed i	mectin benzoate) as in a reasonable period		Υ
4. Is there a signed doc Management Area (or e		ement agreement or statement relevant to the site and CoGP Farm	Y
5. Are sea lice count red	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
_	•	monis) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or od that records are inspected?	N
If yes, have these been	reported to the Fish H	Health Inspectorate? If no, FHI see comment.	N/A
9. Is <i>C. elongatus</i> infest	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 elongatus 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
12. Have therapeutic tre	eatments or the action	s taken had a significant impact upon the lice levels recorded?	Υ
•		out in cooperation between participating farms?	Υ
		where fewer populations or part populations are held without treatment for	Y
15. Is there a site specif scenarios during the esc		ement procedure with waypoints describing set actions to deal with recognised nfestation?	Υ
16. Do the sea lice level	ls observed on stocks	reflect sea lice count data? If no please detail reasons.	N/A
unable to inspect due to	weather		
Containment Inspection	on		
•		ge due to predators in the current or previous production cycles?	N
2. Are measures in plac	e to mitigate against t	the predation experienced on site? (Detail below)	Υ
		lic restrictions, looking to get seal pro next cycle.	
If other, detail below:		The following to get seen pro now eyers	
ii otilei, detaii below.			
3. Have escape inciden	nts or events been exp	perienced on or in the vicinity of the site since the last FHI inspection?	N
If Yes proceed with que			
4. Have these been repo		•	
		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) used to recover esc	apees? If yes give detail	
8 If all note were donle	ved was this action of	greed with local wild fish interests and was permission given by Scottish	
Ministers? (Legal, CoGF	9 – 4.4.38, 5.4.18)		
		mise the risk of further escapes? (Not covered in code but could	
be considered under	•	·	
•	•	egards to containment? If no, please detail reason(s)	N/A
unable to inspect due to	weather		

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version	n 12		Date of issue: 08/10/2018		
Case No:	2020-0118	Site No:	FS1318		
Date of Visit:	10/03/2020	Ins	pector:		
Point of Comp	liance				
1. Is the farm u	nder inspection located v	vithin a farm m	anagement area?		Y
If N, no further	questions require comple	etion.			
Points of Com	pliance for Both Farm	Management A	Agreements and Sta	atements	
3. Is the curren4. Does the FM5. Does the FM6. Does the FM	nt farm management agreet t FMAg/S available for in IAg/S identify the relevant IAg/S identify the fish farm IAg/S identify the date of IAg/S identify the date of IAg/S identify the date of	spection? It farm manage m site(s) to whi commenceme	ment area? ch it applies?		Y Y Y Y Y
Arrangements	for Fish Health Manag	ement			
8. Does the FM farm?	IAg/S identify the minimu	m health stand	ards for the stocks to	o be introduced to the are	a or Y
10. Does the F		es of fish which	may be stocked into		Y Y Y
	MAg/S identify the arrang area or the individual fa		storage and disposa	al of any dead fish from ar	ny Y
Arrangements	for The Management o	of Sea Lice			
13. Does the F	MAg/S identify arrangem	ents for the sha	aring of data on sea l	lice numbers and treatme	nts?
14. Does the Floring statement?	MAg/S identify the availa	bility and the us	se of medicines on fa	arms covered by the agree	ement Y
	MAg/S identify any requir		sensitivity testing of	available treatments for s	
	MAg/S identify the circum in the area or individual f		which biological con	ntrols and cleaner fish are	
17. Does the F	MAg/S identify the arrang	gements for syr	ichronous treatments	s on farms within the area	a? Y
Live Fish Mov	ements				
18. Does the Flarea or farm?	MAg/S identify the circum	nstances when	live fish may be intro	oduced or removed from t	he
		gements for the	movement of live fis	sh on and off sites in the a	rea Y

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/20
Harvesting		
20. Does the FMAg/S identify acceptable	e harvest practices on farms in the area or ind	lividual farms?
Fallowing		
21. Does the FMAg/S identify the dates to date when a farm or area may be restoci	by which the area or individual farm will be fall ked?	low and the earliest
22. Does the FMAg/S identify whether or agreement or statement?	ne or more year classes may be stocked onto	sites covered by the Y
23. Does the FMAg/S identify whether browered by the agreement or statement?	roodstock or potential broodstock are to be ke	ept on any site
Point of Compliance for Farm Manage	ement Agreements Only	
24. Does the farm management agreem parties to the agreement?	ent include arrangements for persons to beco	ome, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and	operated in accordance with the agreement or	r statement?
26. What is the version no/date of issue	of the FMAg/S? 11/07/2018	

Site No: FS1318

Case No: 2020-0118

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

Case No:	2020-0118			Date of visit:	10/03/2020			
Cubb No.	2020 0110			Date of Visit.	10/00/2020			
Site No:	FS1318			Inspector:		1		
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, SNI, SLI, VMD	19/03/2020							





Portree Outer

20200118

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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No FB0169 **DATE OF VISIT** 11/03/2020 SITE NO FS1318 SITE NAME INSPECTOR CASE NO

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

On this occasion, the site inspection could not be conducted due to adverse weather. Paperwork was completed and samples were taken from previously harvested fish for veterinary residue testing.

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.

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

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

The biosecurity measures plan for the site was inspected and found to be adequately maintained and implemented. However an inspection of the fish and pens was not possible to confirm procedures on site.

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 paperwork 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 paperwork was found to be satisfactory with regards to parasites, fish farm management agreements and statements and containment and escapes. An inspection of the fish and pens was not possible to confirm procedures on site.

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

Signed:

Fish Health Inspector

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

Date: 19/03/2020

FHI 059, Version 12		Issued by: FHI		Date of issue: 08/10/2018
Case No: 2020-0119				Date of visit: 09/03/2020
Time spent on site:	hour	M	lain Inspector	:
Site No: SS0131 Business No: SB0087	Site Name: Business Name:	Site 1 Isle of Skye Oyste	rs	
Case Types: 1 ECI 2	2 3	4	5	6
Water Temp (°C): not collected	Thermometer No:]	FHI 045 completed
Observations:	Region: HI	Water type:	S	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see ad	ditional inform	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:		

Additional Case Information:

Site in disrepair with broken trestles and thick growth of sea weed on bags. Some bags not attached to trestles and a small number of Pacific oysters scattered on sea bed. Flat oysters also observed growing wild in the area.

Site has not been managed for an estimated 3 years. Last input was 2017 from Guernsay. No harvest for many years. The site is to be taken over by new manager. No movement book available from previous manager and no BMP. New book to be sent to new correspondent and BMP to be set up. Loose oysters will be gathered. Depuration facilities previously used are no longer available. Looking to develop new facility for depuration. In the process of getting Crown Estate lease amended to current operator.

FHI 059, Version 12			Issu	ued by: FHI		Date of issu	e: 08/10/201	18	
Case No:	2020-0119		Site No:	SS0131					
Date of Visit:		09/03/202	20		Inspector(s)):]	
Registration/Authornamental 1. Business/site det 2. Changes made to	ails summary		site represent	ative?			Y Y	}	
Site Details									
Total No facilities		150	Facilities sto	ocked	150	No facilities	s inspected	150	
Species	Pacific oysters								
Age group	adult								
No Fish	unknown								
Mean Fish Wt	unknown								
Next Fallow Date (S	Site)	none		Next Input Da	ate (Site)	none planr	ned		
Deposit (lost 4 vylca)	diaaaa nrah	lome?] 	a (ainea last)	ricit\2	Y	
Recent (last 4 wks) disease problems? If yes, detail: some oysters observed in s			in sea hed	1	Any escape	s (since last)	visit) ?	ĭ	
If yes, detail:	Sollie Oyster	is observed	iii sea beu						-
 Movement record Date of last inspetance Are records compared Are movement respondence Are records compared Are health certification 	ection: olete and corr ecords availab olete and corr	rectly entered ble for dead f rectly entered	d? ïsh and waste' d?				06/11/2017	N/ N/ N/	/A
Transport Records 1. Are any moveme If yes, is there a sys	nts carried oເ		•	•	_				
Mortality Records 1. Mortality records 2. How are mortaliti	es disposed o	of?			Other (detai	il)		N/	Α
If other detail: 3. Mortality records	•		ntered?					N/	Α
Recent mortality Evidence of receivers	nt increased/a							N/	Ά
If yes, facility nos/no	mortality per	r facility/no s	tock per facility	y/reason:					
6. Any other peaks if yes, detail:	in mortality du	uring period	checked?					N/	Α
7. Have increased (If yes, detail action:	unexplained)	mortalities b	een reported t	to vet or FHI?				N/	Α
8. Have 'mortality ev	vents' been re	eported to FI	HI? If no, add N	MRT case and	enter on mort	ality events s	heet.	N/	Α

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?

no records to check

Date of issue: 08/10/2018 FHI 059, Version 12 Issued by: FHI Case Number: 2020-0119 Site No: SS0131 Date of Visit 09/03/2020 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 0 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:	2020-0119			Date of visit:	09/03/2020						
Site No:	SS0131	1		Inspector:		ı					
Results Summary	Freq.	Date of Notification									
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
Report Summary											
Report Summary Case Type	Date	Inch	and In-								
Case Type	30/03/2020	Insp	2 nd Insp								
ECI	30/03/2020										
											
	 										
			—								
	 										





Isle of Skye Oysters An Carn Fiscavaig Carbost IV47 8SN

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0087
 Date of Visit
 09/03/2020

 Site No
 Site 1

 Inspector
 Case No
 20200119

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

Aquaculture animal and aquaculture animal product movement records were not available for inspection.

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 not available for inspection.

Since the site inspection a biosecurity measures plan has been drafted, submitted and agreed with the site manager. A new movement book has been sent to the site manager and all future movements on and off site will be recorded.

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: 30/03/2020

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: 2020-0121			Date of visit: 02/03/2020
Time spent on site: 2.5	5hrs	Main Inspe	ector:
Site No: FIS0502 Business No: FIB0394	Site Name: Business Name:	Lake of Menteith Lake of Menteith Fisheries	Ltd
Case Types: 1 DIA 2	3	4 5	6
Water Temp (°C): 3	Thermometer No:	T152	FHI 045 completed N
Observations:	Region: CE	Water type: F	CoGP MA
Dead/weak/abnormally behaving to Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	Y 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	nil reason below:	

Additional Case Information:

Site has experienced 5/6 mortalities per day from one of the two ponds on site. This pond contains ~8,000 rainbow trout and the site manager has been observing this increased rate in mortalities for around 2-3 weeks. The fish arrived from a hatchery in Yorkshire in November 2019 and the site manager has been receiving fish from this site for ~30 years and has never had any previous problems with the stock.

Many of the females in the pond are already beginning to mature and each fish sampled for the diagnostic contained eggs.

Following collection of samples, manager requested the samples be tested for BKD. Because no additional kidney tissue was sampled for this, diagnostics extracted DNA from the histology samples.

Edogenous controls are marked as 'fail' on LIMS because tissue material was cut from the wax blocks for an FFPE extraction. There are no endogenous Cp limits for FFPE extracted tissue as this is not the routine method for BKD testing and was not included in the endogenous validation.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2020-0121		Site No:	FIS0502	<u>.</u>			
Date of Visit:		02/03/2020			Inspector(s):]
Registration/Autho	risation Deta	ails						
1. Business/site deta			ite representa	ative?			Y	1
2. Changes made to	details?						N	
Site Details								
Total No facilities		2	Facilities sto	cked	2	No facilitie	s inspected	2
Species	RTR							
Age group	2019							
No Fish	8,000							
Mean Fish Wt	450g							
Next Fallow Date (S	ite)	No plan.		Next Input Da	ate (Site)	Unsure.		
					1			
Recent (last 4 wks)					Any escapes	•		N
If yes, detail:		ave increased	l over the last	t 2-3 weeks, ho	wever site ma	anager is un	sure as to the	underlying
	cause.							
Movement Records	5							
1. Movement record	s available fo	r inspection?						N/A
2. Date of last inspe							1st Inspection	
3. Are records comp		ectly entered?	·					N/A
4. Are movement re		•						N/A
5. Are records comp	lete and corre	ectly entered?	,					N/A
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)?			
If yes, is there a syst		• •	•	•				
Mortality Records								
Mortality records a	available for in	nspection?						N
2. How are mortalities					Domestic wa	ste - <25kg		
			observed in th	ne previous 2-3				ere. No
If other detail:				so no records				
3. Mortality records	•							Y
4. Recent mortality (last 4 wks):		5/6 mortalitie	es per day for t	he last 2-3 we	eks.		
5. Evidence of recer	nt increased/a	typical mortal	ities?					Y
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
Lower Pond Malling				d mortalities.				
6. Any other peaks in	n mortality du	ring period ch	lecked?					N
If yes, detail:								
7. Have increased (u	•							Y
If yes, detail action:				ager from Skre				NI/A
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	IRT case and e	enter on morta	ility events s	sheet.	N/A

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Recent treatments (last 4 wks)? If yes, detail:		
If other, detail:		
2. Medicines records available for inspection	?	
3. Are records complete and correctly entered	d?	
4. Are fish in a withdrawal period?		
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?		
Biosecurity Records		
1. Biosecurity records available for inspection	?	
2. Has the manner and frequency of mortality	•	
3. Has the manner and period in which the Al	•	nary professional of any
increased (unexplained) mortality at the site	been included?	
4. Has the action that will be taken in the eve is detected been included and how and when		
5. Has the health status of aquaculture anima		
health status, certification if required)?	als being stocked on the fairn site been	covered (equal of fligher
Trouble Guitas, con unoque or in roquirou).		
6. Have the husbandry and biosecurity measure	ures implemented between each epiden	niological unit to minimise
transmission of disease been covered (move		
7. Is documentation available regarding the n	neasures in place to maintain the physic	al containment of
aquaculture animals held on site?		
8. Have the biosecurity procedures been ade	quately implemented on site?	
If no, detail:		
Results of Surveillance		
1. Has any animal health surveillance been c	arried out by, or on behalf of, the busine	ess?

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?

02/03/2020

1	Priority samples:	VI		ВА		PA		М	Samplin	g. H			
ı	Time sampling starts/ends:	13:0	0:00	14:0	0:00		Inspecto	or:			VMD No).	0
П	Environmental conditions:	1	Indoors	2		3		4	1	į	5		
	Summary samples	HIST	Υ	ВА	Υ	MG	Υ	VI	Υ	PA	Y	Total Sa	amples
1	Add Fish/Pools - click												
Ш	Pool/Fish No	F1	F2	F3	F4		P1						
L	Fish nos	1	2	3	4	5	1-5						
Ш	Pool Group	P1	P1	P1	P1	P1							
н	Species	RTR	RTR	RTR	RTR	RTR							
н	Average weight	450g	450g			450g							
н	Sex			Female									
н	Water Type	FW	FW	FW	FW	FW							
	Stock Origin	Costa Springs Hatchery	Pond Mal	ling									
Ö	Pacility NO	Lower F	ond Mai	iing									

03/2020	Addition	nal Sam	ple Infor	mation:							
	Percus	sive blov	N.								
6	ı	Total To	ests ass	igned	4	l					

FHI 059, Version 12 Issued by: FHI Date of issue: 08/10/2018 Method of killing: Percussive Case no: FIS0502 2020-0121 Site No: Inspector(s): Sheet Relevant: Y Date of visit: 02/03/2020 S for strong presence: M for medium presence: W for weak presence F3 Fish Number Time sampled after death (if > 45 minutes) 60 External Signs Behaviour Moribund Lethargic S Hanging vertical Spiralling Flashing Loss of equilibrium Body Dark Distended abdomen Anorexic Scale Oedema Opercula Shortened Flared Haemorrhaging Throat Ventrum Base of fins Elsewhere W Eyes Exophthalmic Enophthalmic (sunken) Cataract Haemorrhagic W Gills M Pale Zoned Necrotic Lesions Flank Elsewhere Vent Inflamed Trailing faeces Lice Load Estimate numbers Internal Signs Clear Ascites М Bloody Oedema In tissues M М М M Heart Pale/anaemic M Granulomas Deformed Liver Petechial haem Gross haem Tissue breakdown Enlarged Colour number(s) 211/8 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 Body wall Haemorrhaging W W Swim bladder Haemorrhaging Fluid filled Kidney Swollen Grey Granular Liquefied

Parasites present

Anaemia

General

Case no: 2020-0121

02/03/2020

Date of visit:

Date of visit.	02/03/20	20				
S for strong prese	ence: M for medium presence: W f	or w				
Fish Number	·					
	ter death (if > 45 minutes)					
External Signs	,					
Behaviour	Moribund					
	Lethargic					
	Hanging vertical					
	Spiralling					
	Flashing					
	Loss of equilibrium					
Body	Dark					
	Distended abdomen					
	Anorexic					
	Scale Oedema					
Opercula	Shortened					
	Flared					
Haemorrhaging	Throat					
	Ventrum					
	Base of fins					
	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					
	Deformed					
Liver	Petechial haem					
	Gross haem					
	Tissue breakdown	_				
	Enlarged	-				
	Colour number(s) Granulomas					
	Lesions					
Pyloric caeca	Petechial haem					
r yionic caeca	Tubules mauve					
	Lack of fat					
Spleen	Enlarged					
Оріссіі	Granulomas					
Gut	No food present					
- ut	Yellow pseudo-faeces					
	External haem					
	Internal haem					
Body wall	Haemorrhaging					
Swim bladder	Haemorrhaging					
- min bladdol	Fluid filled					
Kidney	Swollen					
	Grey					
	Granular					
	Liquefied					
General	Parasites present					
wi	Anaemia					
	Anaonna					

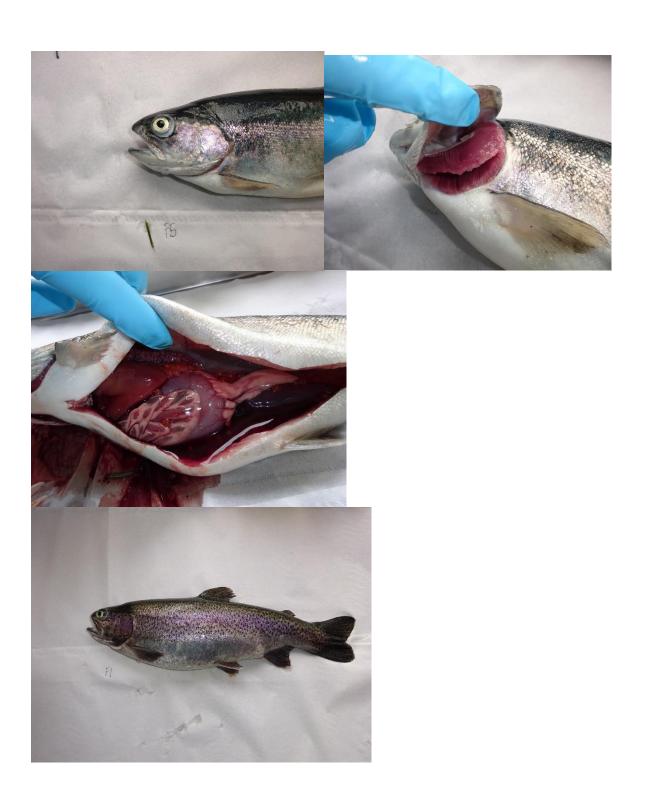
FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Additional comments:		
F4 liver was very dark in colour with m	ottled yellow throughout.	
		l
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Pisot Piso	Case No:	2020-0121			Date of visit:	02/03/202	20				
Database Insp	ite No:	FIS0502 Inspector:									
Database Insp	Results Summary	Freq	Date of Notification								
MG_IHN			Database	Insp				Insp	2 nd Insp		
MG_IPN	MG IHN	0/1		•			_	-	2 11130		
MG_SAV											
MG_VHS											
MG_BKD											
FPSY 3/5 25/03/2020 26/03/2020 09/04/2020 99/04/2020 26/03/2020 09/04/2020 99											
## SPE 5/5 25/03/2020 26/03/2020 09/04/2020 09/											
GSAL 0/5 25/03/2020 26/03/2020 09/04/2020 09											
SDER											
Report Summary Case Type Date Insp Date Insp Date Insp Date Insp Date Insp Date Dat											
PAT 5/5 02/04/2020 02/04/2020 09/											
SPAT 5/5 02/04/2020 02/04/2020 09									_		
NECR 1/5 02/04/2020 02/04/2020 09											
Report Summary Case Type Date Insp 2nd Insp											
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DIA 08/04/2020	Case Type	Date	Insp	2 nd Insp	1						
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Lake of Menteith Fisheries Ltd Gateside Cottage Port of Menteith Stirling FK8 3JZ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FIB0394
SITE NO FIS0502
INSPECTOR

DATE OF VISIT 02/03/2020
SITE NAME Lake of Menteith 20200121

Section 1: Summary

The Fish Health Inspectorate responded to a report of increased mortalities at the Lake of Menteith fishery where five rainbow trout were removed from one of the two holding ponds on site for subsequent diagnostic sampling.

Histopathological examination revealed similar changes in all five fish, particularly in the liver, spleen and kidney with fish 4 showing the most severe lesions. The ovary section from the single section submitted contained only immature previtellogenic oocytes (eggs pre-yolk development). If the other fish had mature oocytes with no spawning, then atresia would overwhelm the ability of the fish to resorb the egg protein. This is supported by the histopathology. The information that the fish 'were maturing extremely early' and were 'full of eggs' also supports the histopathological findings.

These changes are not related to infectious disease but an abnormal physiological response resulting in the overproduction of protein (probably vitellogenin) which has resulted in severe renal dysfunction. Based on the history and clinical findings it would be worth considering any change in conditions that might have triggered hormonal dysfunction leading to abnormal gametogenesis.

Flavobacterium psychrophilum, the causative agent of rainbow trout fry syndrome (RTFS), was identified on plates taken from the spleen material of three fish. Two further isolates of Flavobacterium spp. were also identified. However, the level and purity of growth would not suggest them to be implicated in current fish morbidity.

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

Section 2: Case Detail

Observations

The Fish Health Inspectorate received a phone call on Thursday 27th of February 2020 from the Lake of Menteith fishery regarding concerns about the rainbow trout they had received from a hatchery in Yorkshire in November 2019. For the previous 2-3 weeks, the fishery's manager had been observing 5-6 mortalities per day from one of the two holding ponds on site; an increase from zero since input. The pond contained around 8,000 mixed rainbow and blue trout, many of which were maturing early. Upon inspection, it was noted that there were several moribund fish and one mortality lying around the edges of the pond. Five moribund fish had been placed in a keep net overnight and these were humanely dispatched for subsequent diagnostic sampling.

Externally, all five fish had swollen abdomens and pale gills. Fish 3 also had exophthalmia.

Internally, all five fish contained mature eggs in the abdomen and undeveloped eggs in the ovary. All five fish lacked fat around the pyloric caeca but otherwise appeared healthy internally with the exception of fish 4 whose liver was dark in colour with mottled yellow blotches throughout.

Samples

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

Fish number	Pool number	Facility number	Species	Stage	Origin
F1-5	P1	Lower Pond Malling	Rainbow trout	450g	Costa Springs Hatchery Ltd

Results

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

The following bacteria were isolated from fish 1-5:

- Flavobacterium psychrophilum : F2, F4 and F5 (spleen)
- Flavobacterium sp. (Isolate B): F2 and F5) (spleen)
- Flavobacterium sp. (Isolate C): F1, F2 and F3 (kidney)

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

The samples tested negative for infectious haematopoietic necrosis virus (IHNv), infectious pancreatic necrosis virus (IPNv), salmonid alphavirus (SAV) and viral hemorrhagic septicemia virus (VHSv).

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

No *G. salaris* parasites were detected in the samples examined.

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>Kidney</u>: extensive deposits of lipid-like inclusions intracellularly in the interstitial haematopoietic cells and more prominently in the renal tubule cells which accumulated large droplets, likely to be lipoprotein of some form (probably vitellogenin). In fish 4 in particular this was severe enough for total necrosis of tubules.

<u>Liver</u>: hepatocellular accumulation of similar haematoxylin and eosin (H&E) staining material was also a prominent feature which appeared similar to phospholipoidosis. This was associated with multifocal haemorrhaging (possibly just sinusoidal distension and congestion). Of significance, eosinophilic serous substance was prominent in blood vessels.

<u>Spleen</u>: changes included similar eosinophilic serous deposits in the reticuloendothelial cells.

<u>Ovary</u>: fish 1 showed some evidence of abnormal oogenesis but since ova were not vitellogenic it could not be confirmed that oocytic atresia had occurred.

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: 08/04/2020

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018				
Case No: 2020-0124			Date of visit: 09/03/2020				
Time spent on site:	nrs	Main Inspec	ctor:				
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): 9.4	Thermometer No:	Site	FHI 045 completed				
Observations:	Region: ST	Water type: F	CoGP MA				
Dead/weak/abnormally behaving of Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?		N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N					
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:					

Additional Case Information:

Site thermometer used due to biosecurity.

Kilcalmonell stocked likely July (approximatly 6 weeks)

FHI 059, Version 12	e No: 2020-0124 e of Visit: 09/03 istration/Authorisation Details usiness/site details summary checker hanges made to details? Details If No facilities Cies GRAL GROUP Fish Fish Fish Fish Fish Fish Fish Fish		Issu	ed by: FHI			Date of issue: 08/10/2018		
Case No:	2020-0124		Site No:	FS0106					
Date of Visit:		09/03/2020	0		Inspector(s):				
1. Business/site det	ails summary		site representa	ative?			Y Y		
Site Details									
Total No facilities		43	Facilities sto	cked	19	No facilitie	s inspected	43	
Species	SAL	SAL							
Age group	Alevins	Fry							
No Fish	682,990	263,779							
Mean Fish Wt	0.1g	1.1g							
Next Fallow Date (S	ite)	October 202	20	Next Input Da	ite (Site)	November	December 20	020	
	disease prob	lems?		N	Any escapes	s (since last)	visit)?	N	
ir yes, detail.									
Movement Record	s								
1. Movement record	ls available fo	or inspection?	•					Y	
•							17/09/2019		
		•						Y	
								Y	
		•		able?				N/A	
		ductions (out	Willi GD) avalla	abie:				IV/A	
•		it by (or on be	shalf) of the bu	isiness (not us	ing a STR\2				
•					_			Ÿ	
	item in place	ioi maintenai	ioc or transpor	ridiion records	•			·	
-	available for	inencetion?							
•		•			Domestic wa	anto ZaElka		'	
If other detail:	es disposed (JI !			Domestic wa	asie - \Zokg			
	complete and	d correctly en	tered?					Υ	
, , , , , , , , , , , , , , , , , , ,				en fry & alvins:	20-387 per ta	ank per day:	wk9 frv betwe	en 2-18 per	
				ween 12-60 pe	•		•	•	
				er tray; wk8 fry					
			per tank per	day; wk7 alvin	s moved to h	atchery betw	een 2-21 per	day per tank	
	` '								
		• •						Y	
		•			1 () 1				
		•		va (see above	unnatched o	va)		K I	
6. Any other peaks if yes, detail:	in mortality di	uring period c	пескеа?					N	
7. Have increased (unevnlained)	mortalities ha	en reported to	vet or FHI2				N/A	
If yes, detail action:	unexplaineu)	mortaniies be	cir reported to	VCC OF TTHE				11//	
8. Have 'mortality ev	vents' been re	eported to FH	I? If no, add M	IRT 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
Recent treatments (last 4 wks)?		Y
If yes, detail: T.M.S).	
If other, detail:		
2. Medicines records available for inspe		Y
3. Are records complete and correctly e	ntered?	Y
4. Are fish in a withdrawal period?		IN .
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?		
Biosecurity Records		
1. Biosecurity records available for insp		Y
	ortality removal, recording and safe disposal bee	
•	the APB will notify Scottish Ministers or veterina	
increased (unexplained) mortality at the	e site been included?	N
A III-a dha a adisan dhad will ba dalaan in dh		V
	e event that the presence or suspicion of the pre-	
	animals being stocked on the farm site been co	
health status, certification if required)?	animals being stocked on the farm site been co	vereu (equal of higher
	measures implemented between each epidemic movement of staff, visitors, equipment, live or d	

7. Is documentation available regarding the measures in place to maintain the physical containment of

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?

aquaculture animals held on site?

2. If yes, are results available for inspection?

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

Records checked between:

Results of Surveillance

3. Any significant results?

If no, detail:

17/09/2019-09/03/2020

FHI 059, Version 12		Issued by	y: FHI			Date o	of issue	: 08/10/2018
Case Number:	2020-0124			Site No:	FS0106		lnsp:	
Date of Visit	09/03/2020			No of mo	ovements/s	upp./dest.		Score
Live fish movements				0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivale	ent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivale	ent zone or	0	9	18	26	0
·	Number of sup	ocluding third country		0	5	10	14	0
Movements off	Frequency of m			0	3	6	10	10
IVIOVEITIETIUS OII	Number of des			0	3	6	10	3
Exposure via water	<u> </u>	Si	te contacts	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 ca n or within 1 tidal excursion	• •	1	2	4		2
	farms upstream	or in a coastal zone with can or within 1 tidal excursion		1	3	6		Ш
		or in a coastal zone with can or within 1 tidal excursion	ategory V	1	4	8		Ш
Management practices				None	Secure	Unsecure		
Water contacts with processors	Any processing	ı plant discharging into adja	cent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro			0				0
	Processing own	n fish (re-cycling risk)		1				
	Processing fish	from MS of equivalent stat	tus	2				
	equivalent statu		t of	4				
		from Category III farm		8				
	Processing fish	from Category ∨ farm		10				\Box
Disposal of fish and fish by-	Site's own was	e only processed.		0				\Box
products	Common proce	sses with other farms		3				3
	Collection poin	for waste from other farms	3	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed		0				0
	Feeding unpas	teurised feed		5				ш
Biosecurity		Num	ber of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0	1	2		1
	Sites sharing s	aff and equipment		0	1	2		1
Disinfection of equipment	Yes			0				0
between sites, use of footbaths etc	No			1				Н
CoGP/Regulator								
Practices in accordance	Yes			0				$\overline{}$
with regulator or industry code of practice	No			3				3
Platform access to cages	Yes			0				0
	No			2				
						Total Rank		23 MEDIUM

Case No:	2020-0124		Site No:	FS0106	
Sea Lice Inspection (**				
·	nced sea lice problems in th	•			
		lent) fallowed synchronously of			
azamethiphos and ema can these be deployed 4. Is there a signed doo	amectin benzoate) as well a in a reasonable period of tir cumented farm managemen	I in-feed and bath sea lice med s access to suitable biological me? t agreement or statement relev	and/or mec	hanical control measu	res, and
Management Area (or e		m2 /Logal CCL CoCD Annay 6)			
	·	on? (Legal SSI, CoGP Annex 6)		I 001 0-0D A	
6. Do records adequate	ely reflect the required stand	ard specified in the SSI and the	COGP? (L	egai SSI, CoGP Anne	х 6)
7. Are sea lice (L. salm records are inspected?		e suggested criteria for treatme	ent in the Co	oGP during the period	that
_	female sea lice (<i>L. salmonis</i> 0/6/19) during the period tha) numbers per fish been at a le t records are inspected?	vel of 3 or a	above (prior to w/b 10/	6/19) or
If yes, have these been	reported to the Fish Health	Inspectorate? If no, FHI see co	omment.		
9. Is C. elongatus infes	station at a level which is co	nsidered to cause significant we	elfare proble	ems? (CoGP 4.3.81, 5	.3.50)
		d or other actions taken when L tus is considered to have welfa			
11. Has any other actio	n been taken (where applic	able)?			
12. Have therapeutic tr	eatments or the actions take	en had a significant impact upor	n the lice le	vels recorded?	
13. Are treatments, who	ere conducted, carried out in	n cooperation between participa	ating farms?	?	
14. Is there a harvestin sea lice?	g strategy for the site, where	e fewer populations or part populations	ulations are	e held without treatmen	t for
	ific written lice management scalation of a sea lice infesta	procedure with waypoints descrition?	cribing set a	actions to deal with rec	ognised
16. Do the sea lice leve	els observed on stocks refle	ct sea lice count data? If no ple	ase detail r	easons.	
Containment Inspecti	on				
•		e to predators in the current or	previous pr	oduction cycles?	Υ
2. Are measures in place	ce to mitigate against the pr	edation experienced on site? (D	Detail below	/)	Υ
shade netting has be	en damaged by mink in t	ne past but is repaired the ne	ext day, rei	inforced band has be	en put in place o
If other, detail below:					
	s have electric fencing, jum	p nets and shade netting			
3. Have escape incide	nts or events been experien	ced on or in the vicinity of the s	ite since th	e last FHI inspection?	N
If Yes proceed with que	estions 4 – 9. If No skip to q	uestion 10			
4. Have these been rep	ported to Scottish Ministers?				
5. Have these been rep	orted to local DSFB forthwit	th (where they exist)? (CoGP -	4.4.37, 5.4	1.17)	
6. Have these been rep	ported to the SSPO and loca	I fisheries trusts forthwith (when	re they exis	et)? (CoGP – 4.4.37, 5.	4.17)
7. Were methods (if an	y) used to recover escapees	s? If yes give detail			
8 If all note were deale	oved was this action agreed	with local wild fish interests and	d was norm	nission given by Scottic	h
Ministers? (Legal, CoG		with local wild lish filterests aff	u was perm	insalori giveri by acollis	"
, -		the risk of further escapes? (No	ot covered i	n code but could	
	r satisfactory measures o				
	•	s to containment? If no, please	detail reas	on(s)	Υ

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Case No:	2020-0124		Date of visit: 09/03/2020										
Site No:	FS0106	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	19/03/2020		2 IIISP										
case closed	02/04/2020												
case closed	02/04/2020												
	 												





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 09/03/2020

 SITE NO
 FS0106
 SITE NAME
 Allt Mhor

 INSPECTOR
 Svenja Elwenn
 CASE NO
 20200124

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

 The biosecurity measures plan must include details for the manner and period in with the business will notify Scottish Ministers or veterinary professionals of any increased (unexplained) mortality at the site.

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007 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.



Fish Health Inspector

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

Date: 19/03/2020





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
 09/03/2020

 SITE NO
 FS0106
 SITE NAME
 Allt Mhor

 INSPECTOR
 CASE NO
 20200124

Case completion report

Recommendations in relation to the above case were made for implementation by 20 April 2020. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

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

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

Signed: Date: 02/04/2020
Fish Health Inspector

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018				
Case No: 2020-0125			Date of visit: 09/03/2020				
Time spent on site:	hrs	Main In:	spector:				
Site No: SS0547 Business No: SB0358	Site Name: Business Name:	South Ardnaclach Farm Creran Oysters					
Case Types: 1 ECI 2	STS 3	4 5	6				
Water Temp (°C): 6.9	Thermometer No:	T148	FHI 045 completed				
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 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:

All trestles inspected. Site clean with very little fouling. CGI stock on west side of the site look in good condition with just the odd empty shell per bag. CGI stock on other half of the site also clean but still to be graded. A few empty shells in some bags. These are from the stock that saw increased mortality September 2019. This was put down to Vibrio spp. These bags yet to be graded and empty shells removed as weather conditions have not been good January and February 2020. But mortalities have dropped since the increased mortalities in September to zero at present.

Native oysters on site also look to be in good condition. 150 native oysters were collected for statutory sampling for Bonamia ostreae. No empty shells spotted.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2020-0125		Site No:	SS0547				
Case No: 2020-0125 Site No: SS0547 Date of Visit: 09/03/2020 Inspector(s):]						
1. Business/site deta	ils summary		ite representa	ative?			Y N]
Site Details								
Total No facilities		500	Facilities sto	ocked	500	No facilitie	s inspected	500
Species	CGI	OED						
Age group	Mix	2017						
No Fish	~550000	~1400						
Mean Fish Wt	Mix	20g						
	te)	no plans to fa	allow	Next Input Da	te (Site)	unknown		
`	,				1			
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
Movement Records								
		r inspection?						Y
		i irispection:					17/09/2019	'
		ectly entered?	,				1770972019	Y
				>				Ÿ
								Y
Case No: 2020-0125 Site No: SS0547 Date of Visit: 09/03/2020 Inspector(s): 1. Business/site details summary checked by site representative? 2. Changes made to details? 1. Business/site details summary checked by site representative? Y. Site Details Total No facilities Species CGI OED Second Second Second Second Second No facilities inspected Second Sec			N/A					
		(- ,					
•			- 6		CTD\0			
•			•	•	_			
•	em in place i	or maintenan	ce or transpo	riation records	f			
-								
· ·		•						Y
					,			
				land to dispose	of empty she	lls.		•
	•	correctly ente						T
• ,	•			last 4 weeks				
		• •		,				N
it yes, facility nos/no	mortality per	tacility/no sto	ck per facility	//reason:				
6 Any other peaks in	mortality du	ring pariod sh	ookod2					V
				n of stock (see	2010 05	10) Dut day	un to \/ibric c	nn I
•					Case 2019-05	10). Put 00	WIT LO VIDITO S	рр. • Y
Date of Visit: 09/03/2020 Registration/Authorisation Details 1. Business/site details summary checked by site representative? 2. Changes made to details? Site Details Total No facilities Species Age group Mix 2017 No Fish Mix 20g Next Fallow Date (Site) No plans to fallow Next Input Date (Site) No plans to fallow Next Input Date (Site) No plans to fallow Next Input Date (Site) No plans to fallow Next Input Date (Site) No plans to fallow Next Input Date (Site) No plans to fallow Next Input Date (Site) No plans to fallow Next Input Date (Site) No plans to fallow Next Input Date (Site) No plans to fallow Next Input Date (Site) No plans to fallow Next Input Date (Site) No plans to fallow No facilities inspection No facilities inspection No facilities inspection No facilities inspection No facilities inspection No facilities inspection No facilities inspection No facilities inspection No facilities inspection No facilities inspection No facilities inspection No facilities inspection No facilities inspection No facilities					'			
	ents' heen re						heet	Y

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

Vibrio aestuarianus

17/09/2019 - 09/03/2020

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?

	111 059, VEISIOII 12			_				155	ueu by.				
	Case no:	2020-01	125	Site No:		SS0547			Date of Samplin		09/	03/2020	10/0
	Priority samples:	VI		ВА		PA		MG		g. HI		1	
	Time sampling starts/ends:	13:0	0:00	15:3	0:00	l	Inspecto	or:			VMD No	o.	0
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG	Y	VI		PA		Total Sa	amples
Δ	dd Fish/Pools - click												
	Pool/Fish No	F1	F2	F3	F4	F5	F6	F7	F8	F9			F12
	Fish nos	1	2	3	4	5	6	7	8	9	10	11	12
	Pool Group												
	Species	OED		OED	OED								
	Average weight							0.0020				0.0020	
	Sex	N/A		N/A	N/A	N/A	N/A	N/A		N/A		N/A	N/A
	Water Type	SW											
tock Details	Stock Origin Facility No	Guernsey Sea Farms	Guernsey Sea Farms	Guernsey Sea Farms	Guernsey Sea Farms	Guernsey Sea Farms	Guernsey Sea Farms	Guernsey Sea Farms	Guernsey Sea Farms	Guernsey Sea Farms	Guernsey Sea Farms	Guernsey Sea Farms	Guernsey Sea Farms
Ů.	acility NO												

03/2020 Additional Sample Information:															
150		Total Te	ests ass	igned	3										
F13	F14	F15	F16	F17	F18	F19	F20	F21	F22	F23	F24	F25	F26	F27	F28
	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
OED	OED	OED	OED	OED		OED	OED	OED	OED	OED	OED	OED		OED	OED
											0.0020		0.0020		
		N/A	N/A	N/A		N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A
SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
ea	Sea	ea	Sea	ea	Sea	ea	Sea	ea	Sea	Sea	Sea	ea	ea	Sea	ea
\ \frac{1}{2}	8	S >		S >	S .	S >	S /s	S .	S .	S .	S .	<i>S</i>	S .	S >	8
S	nse s	ıse	nse s	ıse	nse s	nse S	nse s	ıse	nse s	ıse	nse s	nse s	nse s	nse S	s S
Guernsey Sea Farms	Guernsey Farms	Guernsey Sea Farms	Guernsey Farms	Guernsey Sea Farms	Guernsey Farms	Guernsey Sea Farms	Guernsey Farms	Guernsey Sea Farms	Guernsey 8 Farms	Guernsey Farms	Guernsey Farms	Guernsey Sea Farms	Guernsey Sea Farms	Guernsey Farms	Guernsey Sea Farms
G Fa	ତ୍ର ନ୍ଦ୍ର	G Fa	<u>B</u>	G Fa	<u> </u>	Q Fa	G Fa	G Fa	Q R	G Fa	<u> </u>	G Fa	<u> </u>	G. Fa	<u>B</u>

Date of issue: 08/10/2018 FHI 059, Version 12 Issued by: FHI Case Number: 2020-0125 Site No: SS0547 Date of Visit 09/03/2020 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 25 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to OsHV (CGI) 0 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 Live shellfish movements 0 1-2 >3 Frequency of movements on from equivalent MS O 5 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 3 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 0

Case No:	2020-0125	Date of visit: 09/03/2020						
Site No:	SS0547	Inspector:						
Results Summary	Freq.	Date of Notification						
Í	·	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
BSPP_MG	0/150	19/03/2020		19/03/2020		22/04/2020		
BOST	0/150	21/04/2020		22/04/2020		22/04/2020		
								,
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	16/03/2020							
ECI STS	22/04/2020							
	1							
	1							





09/03/2020

20200125

South Ardnaclach Farm

Creran Oysters
Failte
Benderloch, by Connel
Argyll
PA37 1QU

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

DATE OF VISIT

BUSINESS NO SB0358 SITE NO SS0547

SITE NO SS0547 SITE NAME
INSPECTOR CASE NO

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

Statutory samples were collected to be screened for the presence of *Bonamia ostreae*. A separate report will be issued detailing the results of this test.

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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.

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







Creran Oysters
Failte
Benderloch, by Connel
Argyll
PA37 1QU

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS **No** SB0358 **D**ATE OF **V**ISIT 09/03/2020

SITE No SS0547 SITE NAME South Ardnaclach Farm

INSPECTOR CASE No 20200125

Statutory test

South Ardnaclach Farm was inspected and a statutory sample conducted. One hundred and fifty native oysters (*Ostrea edulis*) were tested for the presence of *Bonamia ostreae* as part of the epidemiological investigation following confirmation of the parasite at another site within the area. The site is located within the protection zone and movement restrictions remain in place.

All epidemiological units were inspected. No clinical signs associated with *Bonamia ostreae* were observed.

Samples

A total of 150 native oysters (Ostrea edulis) were collected and tested for the presence of Bonamia ostreae.

Results

Molecular genetics: Tissue samples were tested for segments of DNA indicative of the presence of the *Bonamia* spp. using real-time PCR (QPCR). All samples returned negative for *Bonamia ostreae*.

Histology: Tissue samples of gill, mantle and digestive gland were taken from F1 - 150. The tissue samples were fixed in Davidson's fixative.

Histopathological examination revealed all oysters appeared to be within the normal range with no evidence of Bonamiosis.

Appraisal

The site remains within the protection zone and covered by the restrictions put in place by confirmed designation notice CDN2020002. You must continue to apply for permission to move live or dead aquatic animals as listed on the notice, onto or off the site. Please submit applications to move restricted species two weeks prior to the proposed movement.

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

Signed: Date: 22/04/2020
Fish Health Inspector

FHI 059, Version 12		Issued by: FHI		Date of issue: 08/10/2018
Case No: 2020-0126			Da	te of visit: 09/03/2020
Time spent on site:	2 hrs	Mai	in Inspector:	
Site No: SS0453 Business No: SB0463	Site Name: Business Name:	East Balvicar J MacGregor and So	ons	
Case Types: 1 ECI	2 3	4 5	6	
Water Temp (°C): n/a	Thermometer No:		FH	II 045 completed
Observations:	Region: ST	Water type:	S	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observed?	-	N/A If yes, see addi	tional informati	on/clinical score sheet. on/clinical score sheet. on/clinical score sheet.
Diagnostic samples taken?				
UNI/REG only - if unable to carr	y out intended visit deta	ail reason below:		

Additional Case Information:

Movement records and BMP not available for inspection. Site operator states that there has been no movement since 2014 and going by the shellfish production survey there has been no production at the site for the last 5 years. Movement record book not found and new one to be issued.

Attempted to get out to site but bad weather forced us to turn boat around and head back. Drove around to good vantage point where the 2 lines in water could clearly be seen. No droppers attached to the lines so no stock currently on site.

Issue raised with BMP not being available at time of inspection. The BMP has since been submitted and site records section updated. 29/04/2020

FHI 059, Version 12			Issu	ied by: FHI			Date of issu	ue: 08/10/2018
Case No:	2020-0126		Site No:	SS0453	<i>\$</i>			
Date of Visit:		09/03/2020	1		Inspector(s):]
Registration/Author 1. Business/site detai 2. Changes made to	ils summary		ite representa	ative?			Y N	-
Site Details								
Total No facilities		2	Facilities sto	cked	0	No facilitie	es inspected	2
	fallow							
Age group								
No Fish								
Mean Fish Wt								
Next Fallow Date (Sit	e)	n/a		Next Input Da	ite (Site)	natural sp	atfall	
Recent (last 4 wks) d	isease probl	ems?		N/A	Any escapes	s (since last	visit)?	N/A
If yes, detail:								
Movement Records								
Movement records		r inspection?						N
2. Date of last inspec		порсолот.					05/08/2015	
3. Are records complete		ectly entered?	,				00/00/2015	N/A
4. Are movement rec		•						N/A
5. Are records complete and correctly entered?								
6. Are health certifica		•		able?				N/A
Transport Records								
1. Are any movement	ts carried ou	t by (or on be	half) of the bu	usiness (not us	ing a STB)?			
If yes, is there a syste				•	_			
Mortality Records								
Mortality records a	vailable for in	nspection?						Y
2. How are mortalities		•			Other (detail))		
_		drop to seab	ed					
3. Mortality records c								Y
4. Recent mortality (la	ast 4 wks):		no mortality	observed since	e last inspection	on		
5. Evidence of recent	increased/a	typical mortal	ities?					N
If yes, facility nos/no		• •		/reason:				
6. Any other peaks in If yes, detail:	mortality du	ring period ch	ecked?					N
7. Have increased (ui	nexplained) i	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:	,							
8. Have 'mortality eve	ents' been re	ported to FHI	? If no, add M	IRT case and e	enter on morta	lity events	sheet.	N/A

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:

05/08/2015 - 09/03/2020

Total Risk

LOW

Case No:	2020-0126			Date of visit:	09/03/2020			
Cusc No.	2020-0120			Date of visit.	33/03/2020			
Site No:	SS0453	Inspector:						
Results Summary	Freq.			tion				
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	17/03/2020		2 11150					
ECI Case completion	29/04/2020							





J MacGregor and Sons 2 Seaview Terrace Easdale Island, Isle of Seil Oban, Argyll PA34 4RG

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0463
 Date of Visit
 09/03/2020

 Site No
 SS0453
 Site Name
 East Balvicar

 Inspector
 Case No
 20200126

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

Aquaculture animal and aquaculture animal product movement records were not available for inspection.

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

 A new movement record book will be issued and should be maintained and available for future inspections.

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 not available for inspection.

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

- The site representative is reminded that the plan should contain the following information:
 - The manner and frequency in which mortalities will be removed, recorded and safely disposed of by the APB;
 - b) The manner and period in which the APB will notify the Scottish Ministers or a veterinary professional of any increased or unexplained mortalities in aquaculture animals held on each farm site:
 - c) The actions that will be taken by the APB in the event that the presence or suspicion of the presence of any listed disease is detected and how and when that will be notified to the Scottish Ministers:
 - d) The minimum health status of aquaculture animals to be stocked on the farm site, to ensure that stocks being placed on the farm site shall only be sourced from farms of an equal or higher health status and where required, certified as such:
 - e) The husbandry and bio-security measures to be implemented between epidemiological units on the farm to ensure the transmission of fish diseases by the movement of staff, visitors, equipment and live or dead fish is minimised; and
 - f) The measures that are in place at the farm site to maintain the physical containment of the aquaculture animals held on the farm site.

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.

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

Signed: Date: 17/03/2020
Fish Health Inspector





J MacGregor and Sons 2 Seaview Terrace Easdale Island, Isle of Seil Oban, Argyll PA34 4RG

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0463
 Date of Visit
 09/03/2020

 Site No
 SS0453
 Site Name
 East Balvicar

 Inspector
 Case No
 20200126

Case completion report

Recommendations in relation to the above case were made for implementation by 1st May 2020. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

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

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

Signed: Date: 29/04/2020
Fish Health Inspector

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2020-0127			Date of visit: 11/03/2020
Time spent on site:	hrs	Main	Inspector:
Site No: SS0359 Business No: SB0523	Site Name: Business Name:	Sgeir Liath Lochnell Oysters	
Case Types: 1 ECI 2	2 3	4 5	6
Water Temp (°C): N/A	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see addition	nal information/clinical score sheet. nal information/clinical score sheet. nal information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:	

Additional Case Information:

Site almost completed switching from trestles with bags to hanging baskets.

Portion of youngest native oysters not preforming well with rate of growth being slow. Quite a high percentage of native oysters received from Morecambe Bay actually turning out to be Pacific oysters. Grading has been slightly delayed due to recent weather events. Stock on site appeared in good condition with very little fouling.

Confirmed Designation Notice (No 002) 2020 currently on site due to listed disease Bonamia ostreae confirmed on site November 2019, restricting movement on and off site.

FHI 059, Version 12			Iss	sued by: FHI			Date of issu	ie: 08/10/2018
Case No:	2020-0127		Site No:	SS035	59			
Date of Visit:		11/03/202	20		Inspector(s):]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		site represen	tative?			Y N	}
Site Details								
Total No facilities		120	Facilities st		80		es inspected	120
Species .	OED	OED	OED	OED	CGI	CGI	MED	
Age group	2015	2017	2018	2019	2015	2017	Juvenile	
No Fish	900	2,500	2,400	180,000	6,500	64,000	400kg	
Mean Fish Wt	Broodstock	20g	10g	5g	40-60g	20g	50mm	
Next Fallow Date (Si	ite)	N/A		Next Input L	Date (Site)	Unknown		
Recent (last 4 wks) of lf yes, detail:	disease probl	lems?			N Any escapes	s (since last	visit)?	N
Movement Records	s							
Movement records		or inspection	2					Y
2. Date of last inspec		Титор					28/10/2019	
3. Are records comp		ectly entered	d?					Y
4. Are movement red				?				Y
5. Are records comp		•						Y
6. Are health certification	ates for introd	ductions (ou	twith GB) avai	ilable?				N/A
Transport Records								
1. Are any movemen	nts carried ou	it by (or on b	ehalf) of the b	ousiness (not u	using a STB)?			
If yes, is there a syst	tem in place f	for maintena	ince of transpo	ortation record	s?			
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalitie	es disposed o	of?			Other (detail))		
If other detail:	Crushed and							
3. Mortality records of	•	correctly er						Y
4. Recent mortality (•			ed mortalities				
5. Evidence of recen		• •						N
If yes, facility nos/no	mortality per	facility/no s	tock per facilit	ly/reason:				
6. Any other peaks ir	n mortality du	ring period	checked?					l N
If yes, detail:	Thiortamy and	inig ponos	one one of					
7. Have increased (u	inexplained)	mortalities b	een reported	to vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FI	ના? If no, add ં	MRT case and	enter on morta	ality events	sheet.	N/A

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?

28/10/2019 - 11/03/2020

Date of issue: 08/10/2018 FHI 059, Version 12 Issued by: FHI Case Number: 2020-0127 Site No: SS0359 Date of Visit 11/03/2020 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 25 Susceptible to Marteilia refringens (OED, MED) 0 3 3 Susceptible to OsHV (CGI) 0 3 1 2-5 >6 Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 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 1 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 0

Total Risk

Case No:	2020-0127			Date of visit:	11/03/2020			
Site No:	SS0359			Inspector:				
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	1							
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	18/03/2020							





Lochnell Oysters Glencoe Etive Park North Connel by Oban Argyll PA37 1SJ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0523
 Date of Visit
 11/03/2020

 Site No
 SS0359
 Site Name
 Sgeir Liath

 Inspector
 Case No
 20200127

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Signed: Date: 18/03/2020
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: 2020-0132			Date of visit: 10/03/2020				
Time spent on site: 5	hrs	Main Inspect	tor:				
Site No: FS0426 Business No: FB0125	Site Name: Business Name:	Loch Creran (B) Scottish Sea Farms Ltd					
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD 5	6				
Water Temp (°C): 7	Thermometer No:	T148	FHI 045 completed				
Observations:	Region: ST	Water type: S	CoGP MA M-36				
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N N							
UNI/REG only - if unable to carry out intended visit detail reason below:							

Additional Case Information:

All pens inspected. Zero morts, moribund or lethargic fish spotted. Hard to see bulk of stock as they were remaining low in the water. Fish held in box nets for health and sea lice counts being carried out on the day appeared in very good condition with no damage noticed and 0 scores for gills and sea lice. No internal signs of diseases when sampling fish for VMD.

ADD's removed from water but site has access to them if need be.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2020-0132]	Site No:	FS0426				
Date of Visit:		10/03/2020			Inspector(s):]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y Y	
Site Details								
Total No facilities		14	Facilities sto	cked	14	No facilitie	s inspected	14
Species	SAL	LUM						
Age group	2019 Q4	2020						
No Fish	434,304	30,000						
Mean Fish Wt	412g	27g						
Next Fallow Date (S	ite)	March 2021	•	Next Input Da	ite (Site)	Jan 2023		
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
Movement Records								
1. Movement record		r inspection?					0.4.100.100.40	Y
2. Date of last inspe		41410					24/02/2016	•
 Are records comp Are movement re 		•						T
5. Are records comp								, ,
6. Are health certific		•		able?				Y
Transport Records	;							
1. Are any movemen	nts carried ou	t by (or on be	half) of the bu	siness (not us	ing a STB)?			N
If yes, is there a sys	tem in place f	or maintenan	ce of transpor	rtation records	?			
Mortality Records								
1. Mortality records	available for i	nspection?						Y
2. How are mortalitie		•			Incinerated -	on site		
If other detail:								
3. Mortality records	complete and	correctly ent	ered?					Y
4. Recent mortality (last 4 wks):		•	02%), wk 9 - 4 e. Mainly due t		•)1%), wk 11 -	37 (0.01%)
5. Evidence of recer	•	typical mortal		or manny and t		<u>. </u>		N
If yes, facility nos/no		**		/reason:				
ii yee, idemity iiee/iie	mortanty per	raomey/rio oto	on per raomey	rouson.				
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	vet or FHI?				N/A
If yes, detail action:		L	0.14			174		
8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.								N/A

ii otilei, detaii.		
2. Medicines records	available for inspection?	Y
3. Are records comp	lete and correctly entered?	Y
4. Are fish in a withd	rawal period?	Y
5. If yes, what treatm	nent(s)? T.M.S., Slice	
If other, detail:		
6. Are medicines sto	red appropriately?	Y
Biosecurity Record	s S	
	s available for inspection?	Y
2. Has the manner a	nd frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner a	nd period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplain	ned) mortality at the site been included?	Y
4. Has the action tha	t will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
is detected been incl	uded and how and when that will be notified to Scottish Ministers?	
5. Has the health sta	tus of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certific	ation if required)?	
	ry and biosecurity measures implemented between each epidemiological unit to minimise	Y
	ase been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
	available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals		
· ·	ity procedures been adequately implemented on site?	Y
If no, detail:		
Results of Surveilla	ınce	
1 Has any animal he	ealth surveillance been carried out by, or on behalf of, the business?	Υ
· ·	available for inspection?	Y
3. Any significant res	·	N
	etailed under recent disease problems).	
joo, actair (ii riot a	- Table 1 - Took aloogo problems.	
F	Records checked between: 24/02/2016 - 10/03/2020	

Case no: 2020-0132 Site No: FS0426 Date of visit/ Sampling: 10. Priority samples: VI BA PA MG HI Time sampling starts/ends: 13:15:00 Inspector: VMD N Summary samples HIST BA MG VI PA Add Fish/Pools - click Pool/Fish No Fish no's 1-2 3-4 5-6 5-6 5-6 7-2	/03/2020 10/] lo. 12
Priority samples: VI BA PA MG HI Time sampling starts/ends: 13:15:00 Inspector: VMD N Starts/ends: Environmental conditions: 1 Windy 2 Wet 3 4 5 Summary samples HIST BA MG VI PA Add Fish/Pools - click Pool/Fish No Fish no's 1-2 3-4 5-6 Pool Group Species SAL SAL SAL Average weight 0.4120 0.4120 0.4120 0.4120 Sex N/A N/A N/A N/A) o. 12
Starts/ends: Environmental conditions: 1 Windy 2 Wet 3	o. 12
Summary samples	
Pool/Fish No]
Pool/Fish No	Total Samples
Pool/Fish No	
Fish no's 1-2 3-4 5-6 Pool Group Species SAL SAL Species SAL SAL SAL Average weight 0.4120 0.4120 0.4120 Sex N/A N/A N/A	
Pool Group	
Species SAL SAL SAL Average weight 0.4120 0.4120 0.4120 Sex N/A N/A N/A	
Average weight	
Sex N/A N/A N/A	
Water Type SW SW SW	
Stock Details Barcaldine Smolt Unit (FS1328) Unit (FS1328) Lange of the state o	

03/2020 Additional Sample Information:								
0 Total Tests assigned 0								

FHI 059, Version 12	Issued by: FHI Date of issue: 0						: 08/10/2018	
Case Number:	2020-0132			Site No:	FS0426		lnsp:	
Date of Visit	10/03/2020 N				ovements/s	upp./dest.		Score
Live fish movements				0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent	MS	0	5	10	14	5
with GB) of susceptible species		novements on from equivalent	zone or	0	9	18	26	0
5,000	Number of sup	ncluding third country		0	5	10	14	5
Movements off	Frequency of m			0	3	6	10	10
iviovements on	Number of des			0	3	6	10	3
Exposure via water			contacts	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 categ n or within 1 tidal excursion		1	2	4		1
	farms upstream	or in a coastal zone with category or within 1 tidal excursion		1	3	6		
		or in a coastal zone with cates n or within 1 tidal excursion	gory ∨	1	4	8		Ш
Management practices				None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacer	nt 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				
		from MS of equivalent status		2				
	equivalent statu			4				
		from Category III farm		8				
	Processing fish	from Category ∀ farm		10				
Disposal of fish and fish by-	Site's own was	te only processed.		0				0
products	Common proce	esses with other farms		3				
	Collection poin	for waste from other farms		5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed		0				0
	Feeding unpas	teurised feed		5				
Biosecurity		Number	of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shore base		0	1	2		0
	Sites sharing s	taff and equipment		0	1	2		0
Disinfection of equipment	Yes			0				0
between sites, use of footbaths etc	No			1				
CoGP/Regulator								
Practices in accordance	Yes			0				0
with regulator or industry code of practice	No			3				
Platform access to cages	Yes			0				0
	No			2				┢─┤
						Total Rank		25 MEDIUM

Case No:	2020-0132	Site No: FS0426						
Sea Lice Inspection (S	• •							
•	•	s in the previous 4 years?	N					
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?								
azamethiphos and ema can these be deployed	mectin benzoate) as in a reasonable period		es, and					
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. salme</i> records are inspected?		low the suggested criteria for treatment in the CoGP during the period the	nat Y					
_	•	monis) numbers per fish been at a level of 3 or above (prior to w/b 10/6 od that records are inspected?	/19) or N					
If yes, have these been	reported to the Fish I	Health Inspectorate? If no, FHI see comment.	N/A					
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	3.50) N					
		stered or other actions taken when <i>L. salmonis levels</i> have exceeded telongatus is considered to have welfare implications? (CoGP 4.3.82, 5.3)						
11. Has any other action	n been taken (where a	applicable)?	N/A					
•	•	s taken had a significant impact upon the lice levels recorded?	N/A					
			Y					
13. Are treatments, where conducted, carried out in cooperation between participating farms? Y and the streatments of the streatment of the streat								
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 leve	ls observed on stocks	reflect sea lice count data? If no please detail reasons.	Υ					
Containment Inspection								
1. Has the site experien	iced equipment dama	ge due to predators in the current or previous production cycles?	N					
2. Are measures in plac	ce to mitigate against	the predation experienced on site? (Detail below)	Y					
Sapphire Seal Pro Ne	ets, Tensioned Nets	, Top Nets, Lice Skirts.						
If other, detail below:								
 Have escape incider 	nts or events been exp	perienced on or in the vicinity of the site since the last FHI inspection?	N					
If Yes proceed with que	stions 4 – 9. If No skij	to question 10						
4. Have these been rep	orted to Scottish Minis	sters?						
		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, CoG	P – 4.4.38, 5.4.18)							
		mise the risk of further escapes? (Not covered in code but could						
be considered under	•	•						
10. Is the site inspected	l 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: 2020-0132	Site No: FS0426	
Date of Visit: 10/03/202	Inspector:	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Y
If N, no further questions require comp	pletion.	
Points of Compliance for Both Farm	n Management Agreements and Statements	
3. Is the current FMAg/S available for it4. Does the FMAg/S identify the relevant5. Does the FMAg/S identify the fish factorial	ant farm management area? arm site(s) to which it applies? of commencement of the agreement or stateme	Y Y Y
Arrangements for Fish Health Mana	gement	
8. Does the FMAg/S identify the minim farm?	num health standards for the stocks to be introd	luced to the area or Y
10. Does the FMAg/S identify the spec	nation requirements for stocks held in the area clies of fish which may be stocked into the area climum stocking density of any pen on any farm i	or farm?
12. Does the FMAg/S identify the arran fish farm in the area or the individual f	ngements for the storage and disposal of any d farm?	ead fish from any
Arrangements for The Management	of Sea Lice	
13. Does the FMAg/S identify arranger	ments for the sharing of data on sea lice number	ers and treatments?
14. Does the FMAg/S identify the avail of statement?	lability and the use of medicines on farms cover	red by the agreement
15. Does the FMAg/S identify any require on farms in the area or individual f	uirements for the sensitivity testing of available trans?	
	ımstances under which biological controls and	cleaner fish are to be
	ngements for synchronous treatments on farms	s within the area?
Live Fish Movements		
area or farm?	umstances when live fish may be introduced or	

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/20
Harvesting		
20. Does the FMAg/S identify acceptable	e harvest practices on farms in the area or indi	vidual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be restoo	by which the area or individual farm will be fallocked?	ow and the earliest Y
22. Does the FMAg/S identify whether o agreement or statement?	one or more year classes may be stocked onto	sites covered by the Y
23. Does the FMAg/S identify whether b covered by the agreement or statement	proodstock or potential broodstock are to be kep?	pt on any site
Point of Compliance for Farm Manage	ement Agreements Only	
24. Does the farm management agreem parties to the agreement?	nent include arrangements for persons to becor	me, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and	operated in accordance with the agreement or	statement?
26. What is the version no/date of issue	of the FMAg/S? 2019 - 2020	

Site No: FS0426

Case No: 2020-0132

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

Case No:	2020-0132			Date of visit:	10/03/2020			
Site No:	FS0426	Inspector:						
Results Summary	Freq.		Date of Notification					
		Database	Insp		Insp	Writing	Insp	2 nd Insp
Donart Currence								
Report Summary	5.4		nd					
Case Type	Date	Insp	2 nd Insp					
ECI/CNI/SLI/VMD	13/03/2020							
	1	Ī						





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
 10/03/2020

 Site No
 FS0426
 Site Name
 Loch Creran (B)

 Inspector
 Case No
 20200132

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, fish farm management agreements and statements and containment and escapes.

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

Signed: Fish Health Inspector

Date: 13/03/2020

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	ls	ssued by: FHI	Date of issue: 08/10/2018			
Case No: 2020-0149			Date of visit: 27/03/2020			
Time spent on site:	a	Main Inspect	or:			
Site No: FS1042 Business No: FB0119	Site Name: Business Name:	Seaforth Mowi Scotland Ltd				
Case Types: 1 PSI 2	3	4 5	6			
Water Temp (°C):	Thermometer No:		FHI 045 completed			
Observations:	Region: WI	Water type: S	CoGP MA W-6			
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet.						
UNI/REG only - if unable to carry out intended visit detail reason below:						

Additional Case Information:

Thermolicer booked from December - bad weather meant site couldn't be treated until January so sea lice numbers increased rapidly

Lice were out of control so had to treat to get the lice numbers down. Some treatments had to be abandoned due to fish dying in the crowd/ bad weather.

Low levels of AGD were present. Freshwater treatment had helped with gills. Currently treating everything with freshwater as harvesting has been delayed. By Monday 30th March everything will have been fresh water treated, mortality has dropped right back down. Site manager believes physical treatments are to blame for increased mortality throughout march as hydrolicer was used.

Site manager raised concerns that high mortalities would occur when mechanically treating fish with PD , after post treatment mortality occurred only fresh water treatments were planned to reduce handling stress on fish.

Due to issues surrounding Covid-19 dates for fallowing and restocking are uncertain.

Mortality Event – reported – 06/03/2020 – Between – 24/02/2020-01/03/2020 -Fish Size – 2.8kg (1.01% - 10336) - ~Freshwater treatments.

Mortality Event – Reported 12/03/2020 – Between – (02/03/2020-08/03/2020) 2.8kg – 3.07% - 30703 – Treatment related mortality * PD

Mortality Event - Reported 20/03/2020 – between (09/03/2020-15/03/2020) 2.7kg – 1.4% PD and treatment related mortality. - 10901

Collected during inspection - Mortality between (16/03/2020-23/03/2020) 2.7Kg - 5,462 -0.85%

Inspection conducted by

Due to the Covid-19 outbreak a Passive surveillance inspection was conducted remotely instead of a site visit.

FHI 059, Version 12		Issued by: FHI			Date	of issue	: 08/10/2018
Case Number:	2020-0149		Site No:	FS1042		Insp:	
Date of Visit	27/03/2020		No of movements/supp./dest.				Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	0	10	26	
Species	compartment in Number of sup	ncluding third country	0			26 14	
Movements off	Frequency of n		0			10 10	10
Evnesure vie weter	Number of des	site contacts				10	
Exposure via water Water contacts with other	Farm is protect	ted (secure water supply through	<u> </u>	1-3	0-10		
farms (holding species	disinfection or		0				
susceptible to same		or in a coastal zone with category I		_			
diseases)		n or within 1 tidal excursion	1	2	4		2
		or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V					\vdash
		n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with	Any processing	g plant discharging into adjacent waters					
processors			0	1	2		0
On farm processing within	No on farm pro	cessing	0]			0
the rules of the directive	Processing ow	n fish (re-cycling risk)	1	-			H
	Processing fish	n from MS of equivalent status	2	1			-
	Processing fish	from zone or compartment of					_
	equivalent stat		4				-
		n from Category III farm	8				\mathbf{L}
	Processing fish	n from Category ∀ farm	10				oxdot
Disposal of fish and fish by-	Site's own was	te only processed.	0				0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of ι	inpasteurised feed	0	1			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0]			0
between sites, use of footbaths etc	No		1				-
CoGP/Regulator							
Practices in accordance	Yes		<u> </u>	1			0
with regulator or industry	No		-	+			H
code of practice			3	J			
Platform access to cages	Yes		0]			0
	No		2	1			\vdash
					Total		15
					Rank		LOW

FHI 059, Versio	n 12			Issued by: F	HI		Date of iss	sue: 08/10/2018
Case No:	2020-0149		Site No:	FS1042]			
Date of case:	27/03/2020				Inspector(s):]	
Business/site c	ontacts correct	? (if no updat	e site summ	ary sheet)			Y	
Site Details			h					
Total No facilitie		16	No facilities	stocked	11			İ
Species	SAL							
Age group No Fish	2019 Q2's							
	505,183							
Mean Fish Wt		not known		Navt Innut F) oto (Cito)	not known		
Next Fallow Da	ite (Site)	not known		Next Input I	rate (Site)	not known		
Date of last ins	·		19/02/2019	_				
Any recent incr	eased or atypic	al mortalities	? (last 4 wee	ks).			Y	
If yes, detail:			See a	additional cor	nments			
e.g. site								
average, max per cage								
Any increased	mortalities? (sir	nce last inspe	ction.)				Y	
-	See additional		•					
							Ensiled - on	
How are mortal							site	
If other detail:	Large mortaliti	es meant sor	ne had to wh	nite shore co	ckles.			
Any treatments	? (since last ins	spection)					Y	
If yes, detail:	Alphamax		H2O2	1	Salmosan	1	Slice	
Other:	freshwater and							
A							V	
Any disease on If yes, detail:		st inspection)					'	
ii yes, detaii.	PD, AGD							
Has any anima	l health surveilla	ance or diagn	ostic investi	gations been	carried out by,	or on behalf	Y	
of, the business								
Any significant results?								
If yes, detail	PD was confire	med by comp	any & FVG					
Is there a histor	rv of sea lice iss	sues at the sit	te in previous	s 4 vears			Y	
If yes, detail:					becoming mor	e significant a	at the start of	
,	2020	J			3	J		
llas sita bassa s	-bla 4a laaan liaa	lavala balav	. 41				N.	
Has site been a						Lies ere re	IN	
If no, detail:			acned CoGP	eveis startir	ng week 2 2020	. Lice are no	w below the	
	reporting thres	onoid.						
Treatment disc	harge for sea li	ce in place?		_		_	Y	
If yes, detail:	Alphamax		H2O2		Salmosan		Slice	
Where see lies	trootmonto ho	o boon admir	nistored hav	- o thoy had ar	offoot?		V	·
Where sea lice If no, detail:	realments nav	e peen aumi	nistereu nav	e triey riad ar	i ellect?			
ii iio, actaii.								
Is a manageme	_						Y	
Does your CoG	SP Farm manag	jement area f	allow in synd	chrony?			Y	
Any reported es			ne call)				N	
Any escapes?	(since last inspe	ection)					N	

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018			
If yes, detail:					

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

Case No:	2020-0149	Date of visit: 27/03/2020						
Site No:	FS1042	Inspector:						
Results Summary	Freq.	Date of Notification						
		Database	Insp		Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
PSI	14/04/2020		Z IIISP					





Mowi Scotland Ltd Stob Ban House Glen Nevis Business Park Fort William PH33 6RX

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0119Date of Case27/03/2020Site NoFS1042Site NameSeaforthInspectorCase No20200149

Passive Surveillance Inspection

A notification of mortality levels above the reporting criteria was received by the Fish Health Inspectorate on for the period of 24/02/2020 to 15/03/2020.

Due to current government advice regarding the on-going situation with COVID-19 an inspection of the site could not be conducted. A passive surveillance inspection was conducted by telephone to gather information in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC. Information was also gathered in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice).

As of 23/03/2019 the mortality levels had dropped down below the reporting threshold on site and had continued to reduce the following week when the inspection was conducted.

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

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

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

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: 14/04/2020