FHI 059, Version 13	lss	sued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0013			Date of visit: 06/02/2023
Time spent on site:	Hours	Main Inspecto	r:
Site No: FS0504	Site Name:	Girlsta Hatchery	
Business No: FB0125	Business Name:	Scottish Sea Farms Ltd	
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6
Water Temp (°C): 11.4	Thermometer No:	Site	FHI 045 completed
Observations:	Region: SH	Water type: F	CoGP MA
Dead/weak/abnormally behaving	fish present?	N If yes, see additional inform	mation/clinical score sheet.
Clinical signs of disease observe	d?		mation/clinical score sheet.
Gross pathology observed?		N If yes, see additional inform	mation/clinical score sheet.
Diagnostic samples taken?		IN_	
UNI/REG only - if unable to carry	out intended visit detail re	eason below:	

Additional Case Information:

Paper work and site inspection conducted by

The hatchery has experienced very low mortality since the site was last inspected. On the date of inspection, the site was stocked with only Aquagen fish, which are due to go to sea by the middle of February. The site usually takes 3 batches of fish per year with the other supplier being from Iceland.

Site is due to be restocked within the next couple of weeks with 1.95 million ova (Aquagen).

Daily morts are frozen and taken to the incinerator plant in Lerwick. If any culling is to take place or in the event of increased mortality, morts are removed and taken as whole fish waste to SEM.

From the physical inspection of the site, fish appeared to be healthy with no clinical signs of disease observed. Fish sampled for VMD displayed no internal clinical signs of disease.

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issue	e: 12/05/2020	
Case No:	2023-0013		Site No:	FS0504					
Date of Visit:		06/02/2023	3		Inspector(s):			l	
Registration/Author									
1. Business/site deta	ails summary	checked by s	ite representa	ative?			Y		
2. Changes made to details?									
Site Details (includ	le cleaner fis	h for all sect	ions)						
Total No facilities		46	Facilities sto	cked	11	No facilitie	s inspected	46	
Species	SAL								
Age group	S1								
No Fish	657,955								
Mean Fish Wt	117.2								
Next Fallow Date (S	ite)	Site doesn't	fallow.	Next Input Da	ate (Site)	15/02/2023	3		
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N	
If yes, detail:									
Movement Records	s								
Movement record		r inspection?						Y	
2. Date of last inspe							07/03/2022		
3. Are records comp		ectly entered?	,				0170072022	Y	
4. Are movement re				,				Ÿ	
5. Are records comp									
6. Are health certific				able?				· ·	
o. Are nealth certific	ates for introd	iuctions (outw	vitii GD) avalla	anic:					
Transport Records					· OTD/0			N1/A	
1. Are any movemen								N/A	
If yes, is there a sys	tem in place f	or maintenan	ce of transpo	rtation records	?				
Mortality Records									
1. Mortality records		•						Y	
2. How are mortalitie	es disposed o	f?			Other (detail)				
If other detail:	See addition								
3. Mortality records	complete and	correctly ente						Y	
1 Pecent mortality	last 4 wks):		•	3, 0.03%), Wee	ek 4 (501, 0.06	6%), Week	3 (430, 0.05%), Week 2	
4. Recent mortality (last 4 wks): (791, 0.07%) 5. Evidence of recent increased/atypical mortalities?									
		• •		draaaan:				IN	
If yes, facility nos/no	mortality per	racility/no sto	ock per racility	reason.					
6. Any other peaks i	n mortality du	ring period ch	necked?					N	
If yes, detail:		3,							
7. Have increased (unexplained)	mortalities be	en reported to	vet or FHI?				N/A	
If yes, detail action:	, , , , , , , , , , , , , , , , , , ,								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	tality events sh	neet.		N/A	
			,						

Treatments and Medicines Records
1. Recent treatments (see comment)?
If yes, detail:
If other, detail:
2. Medicines records available for inspection?
3. Are records complete and correctly entered?
4. Are fish in a withdrawal period?
5. If yes, what treatment(s)?
If other, detail:
6. Are medicines stored appropriately?
Biosecurity Records
Biosecurity records available for inspection?
Has the manner and frequency of mortality removal, recording and safe disposal been considered?
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any
increased (unexplained) mortality at the site been included?
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease
is detected been included and how and when that will be notified to Scottish Ministers?
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher
health status, certification if required)?
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?
7. Is documentation available regarding the measures in place to maintain the physical containment of
aquaculture animals held on site?
8. Have the biosecurity procedures been adequately implemented on site?
If no, detail:
Results of Surveillance
Has any animal health surveillance been carried out by, or on behalf of, the business?
2. If yes, are results available for inspection?
3. Any significant results?
If yes, detail (if not detailed under recent disease problems).
Records checked between: 07/03/2022 - 06/02/2023

	11 009, Version 13							153	su c u by.				
	Case no:	2023-00	013	Site No:		FS0504			Date of Samplin		06/	02/2023	06/0
	Priority samples:	VI		ВА		РА		MG	_	ig. HI		1	
	Time sampling starts/ends:	12:0	0:00	13:0	0:00		Inspect	or:			VMD N	o.	31
	Environmental conditions:	1	Indoors	2		3		4		5		l	
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
г	Pool/Fish No	Ι								Ι			
	Fish nos	1-6	7-12	13-18	19-24	25-30	31-36	37-42	43-48	49-54	55-58	59-62	
	Pool Group												
	Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	
	Average weight	117g	117g	117g	117g	117g	117g	117g	117g	117g	117g	117g	
	Sex	N/A		N/A		N/A	N/A	N/A	N/A	N/A		N/A	
	Water Type	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW	
Stock Details		Aquagen	Aquagen	Aquagen	Aquagen	Aquagen	Aquagen	Aquagen	Aquagen		Aquagen A	გ Aquagen	
S	I acility NO	9	10	11	12	13	14	10	16	20	21	22	

02/2023 Additional Sample Information:												
0	0 Total Tests assigned 0											

FHI 059, Version 13		Issued by: FHI			Date o	of issue	: 12/05/2020
Case Number:	2023-0013		Site No:	FS0504		Insp:	
Date of Visit	06/02/2023		No of m	No of movements/supp./dest.			
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
·	Number of sup	ncluding third country pliers	0			14	5
Movements off	Frequency of m	novements off	l 0	3	6	10	10
	Number of des		0		6	10	6
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	,	0				0
susceptible to same diseases)	farms upstream	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent 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 status	2				
	Processing fish equivalent statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	rfrom Category ∀ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	1			0
products	Common proce	esses with other farms	3				
	Collection point	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	i			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator				_			
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0]			0
	No		2	1			
					Total Rank		26 HIGH
					· varin		

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0013	Site No:	FS0504
Sea Lice Inspection (Seawater Sites Only)		
1. Has the site experienced sea lice problems	s in the previous 4 years?	
2. Is the CoGP Farm Management Area (or e	quivalent) fallowed synchronously on a single	year class basis?
	enced in-feed and bath sea lice medications (i well as access to suitable biological and/or me d of time?	
4. Is there a signed documented farm manag Management Area (or equivalent)?	ement agreement or statement relevant to the	site and CoGP Farm
5. Are sea lice count records available for ins6. Do records adequately reflect the required	pection? (Legal SSI, CoGP Annex 6) standard specified in the SSI and the CoGP?	(Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels be records are inspected? (CoGP Annex 6)	low the suggested criteria for treatment in the	CoGP during the period that
8. Have average adult female sea lice (<i>L. sali</i> 2 or above (from w/b 10/6/19) during the period	monis) numbers per fish been at a level of 3 ood that records are inspected?	r above (prior to w/b 10/6/19) or
If yes, have these been reported to the Fish H	Health Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level which	is considered to cause significant welfare pro	blems? (CoGP 4.3.81, 5.3.50)
•	stered or other actions taken when <i>L. salmoni</i> elongatus is considered to have welfare implic	
11. Has any other action been taken (where a	applicable)?	
•	s taken had a significant impact upon the lice	
	lout in cooperation between participating farm	
14. Is there a harvesting strategy for the site, sea lice?	where fewer populations or part populations a	re held without treatment for
15. Is there a site specific written lice manage scenarios during the escalation of a sea lice it	ement procedure with waypoints describing se- infestation?	t actions to deal with recognised
16. Do the sea lice levels observed on stocks	reflect sea lice count data? If no please detail	l reasons.
Containment Inspection		
•	ge due to predators in the current or previous	production cycles?
2. Are measures in place to mitigate against t	the predation experienced on site? (Detail belo	y Y
Site Indoors Rent O Kill		
If other, detail below:		
·	perienced on or in the vicinity of the site since	the last FHI inspection?
If Yes proceed with questions 4 – 9. If No skip	•	
4. Have these been reported to Scottish Minis		: 4.47)
•	orthwith (where they exist)? (CoGP - 4.4.37, 5 d local fisheries trusts forthwith (where they ex	
o. have these been reported to the SSPO and	d local listieries dusts fordiwidi (where they ex	dst)? (COGP = 4.4.37, 5.4.17)
7. Were methods (if any) used to recover esc	apees? If yes give detail	
8 If gill nets were deployed was this action as	greed with local wild fish interests and was per	mission given by Scottish
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)		
	imise the risk of further escapes? (Not covered	I III code but could
be considered under satisfactory measured as satisfactory with r	•	econ(s)
10. 13 the site inspected as satisfactory with h	egards to containment? If no, please detail rea	(3)

Site No: FS0504

Case No: 2023-0013

Nature of non-compliance:

Action taken (FHI):

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

-											
Case No:	2023-0013	J		Date of visit:	06/02/2023	3					
Site No:	FS0504	1		Inspector:							
CHO TTO.	. 00001	ı		mopeotor.							
Results Summary	Freq.			Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
	<u> </u>										
	+										
	+										
	1										
	+										
	+										
	+										
	1										
Report Summary											
Case Type	Date	Insp	2 nd Insp								
ECI, CNI, VMD	15/02/2023										
	+										
	+										





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0125 Date of Visit 06/02/2023
Site No FS0504 Site Name Girlsta Hatchery
Case No 20230013 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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 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.

RO4 UKAS accredited testing laboratory No. 1964
Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Tel - 0131 244 3498 Email - ms.fishhealth@gov.scot

Website - https://www.gov.scot/policies/fish-health-inspectorate/

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed:

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

Date: 14/02/2023

FHI 059, Version 13	Issue	ed by: FHI	Date of issue: 12/05/2020						
Case No: 2023-0014			Date of visit: 07/02/2023						
Time spent on site:	2 Hours	Main Inspecto	r:						
Site No: FS0666	Site Name:	Burrastow	4-1						
Business No: FB0095	Business Name:	Cooke Aquaculture Scotland L	ta						
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6						
Water Temp (°C): 8.2	Thermometer No:	T309	FHI 045 completed						
Observations:	Region: SH	Water type: S	CoGP MA S-10						
Dead/weak/abnormally behavir	-		mation/clinical score sheet.						
Clinical signs of disease observ	ved?		mation/clinical score sheet.						
Gross pathology observed? Diagnostic samples taken?		N If yes, see additional infor	mation/clinical score sheet.						
UNI/REG only - if unable to car	UNI/REG only - if unable to carry out intended visit detail reason below:								

FHI 059, Version 13 Issued by: FHI Date of issue: 12/05/2020

Additional Case Information:

Paper work and site inspection conducted by

Burrastow have had a successful cycle, very low mortality has occurred onsite since input. There are currently 4 cages stocked and the site plans to fallow the site by July of this year.

From the physical inspection of the stock, fish appeared healthy and were observed responding positively to routine feeding regimes and shoaling well. No clinical signs of disease were observed during the inspection.

The site has recently had a spike in sea lice, sea lice counts were last taken on 03/02/2023 and an average of 4.35 AF was recorded for the site. The site are planning to conduct a hydrolicer treatment as soon as possible. This will be the first sea lice intervention treatment this cycle, prior to this spike the site have had good success keeping sea lice at low levels by employing sea lice skirts at each cage. No physical damage, typical of a high burden of sea lice infestation was observed on the date of inspection.

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issue	e: 12/05/2020	
Case No:	2023-0014		Site No:	FS0666					
Date of Visit:		07/02/2023	3		Inspector(s):			l	
Registration/Author	risation Deta	iils						_	
1. Business/site deta	ails summary	checked by s	site representa	ative?			Υ		
2. Changes made to details?									
Site Details (includ	le cleaner fis	h for all sect	tions)			_			
Total No facilities		4	Facilities sto	cked	4	No facilitie	s inspected	4	
Species	SAL								
Age group	2021 S0								
No Fish	119,887								
Mean Fish Wt	5.24								
Next Fallow Date (S		05/2023	•	Next Input Da	ate (Site)	09/2023	•		
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N	
If yes, detail:						`	,		
Movement Records	_								
Movement record		r inspection?							
2. Date of last inspe		i inspection:					03/11/2021		
3. Are records comp		actly entered?	2				03/11/2021		
4. Are movement re		•		,					
5. Are records comp									
6. Are health certific				able?				N/A	
o. Are nealth certific	ates for introc	iuctions (outv	vitii GD) avalia	able :				IN/A	
Transport Records								N1/A	
1. Are any movemen					_			N/A	
If yes, is there a sys	tem in place f	or maintenan	ice of transpo	rtation records	?				
Mortality Records									
1. Mortality records	available for ii	nspection?						Y	
2. How are mortalitie	es disposed o	f?			Other (detail)				
If other detail:	Whole fish S	EM Shetland							
3. Mortality records	complete and	correctly ent	ered?					Y	
4. December and literature	(least Avidea)		•	8, 0.1), Week 4	(860 0.28%),	Week 3 (87	78 0.28%) We	ek 2 (923	
4. Recent mortality (last 4 wks): 0.29%) 5. Evidence of recent increased/atypical mortalities?									
		• •						N	
If yes, facility nos/no	mortality per	racility/no sto	ock per facility	/reason:					
6. Any other peaks i	n mortality du	ring period ch	necked?					N	
If yes, detail:		ing period ci	iconcu:						
7. Have increased (unexplained)	mortalities he	en reported to	o vet or FHI2				N/A	
If yes, detail action:	anexplained)	ortanties De	ci reported to	o vot or i i i i :				10/1	
•	ents' been re	ported to EUI	2 If no enter	details on mort	tality events of	neet .		N/A	
8. Have 'mortality ev	ents been te	ported to FIII	r: II no, enter	details on more	ianty events sr	icel.		IN/A	

Tours Associated and Marketine and December	
Treatments and Medicines Records	N
1. Recent treatments (see comment)?	IN
If yes, detail:	
If other, detail:	V
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	Y
Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
Ticality Status, Octahoador it required).	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
	V
7. Is documentation available regarding the measures in place to maintain the physical containment of	'
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	1
If no, detail:	
- ·· · · · · · · · · · · · · · · · · ·	
Results of Surveillance	
Has any animal health surveillance been carried out by, or on behalf of, the business?	T
2. If yes, are results available for inspection?	Y
3. Any significant results?	N
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 03/1//2021 - 07/02/2023	

,													
Addition	nal Sam	ple Infor	mation:										
2. Ed													
0 Total Tests assigned 0													
					Additional Sample Information: Total Tests assigned O					Additional Sample Information:	Additional Sample Information:	Additional Sample Information:	Additional Sample Information:

FHI 059, Version 13		Issued by: FHI			Date o	of issue	: 12/05/2020	
Case Number:	2023-0014		Site No:	FS0666		Insp:		
Date of Visit	07/02/2023		No of m	No of movements/supp./dest. Score				
Live fish movements			0	1-5	6-10	>10		
Movements on (from out	Frequency of m	ovements on from equivalent MS	0	5	10	14	0	
with GB) of susceptible species		ovements on from equivalent zone or	0	9	18	26	0	
	Number of supp	cluding third country	0			14	0	
Movements off	Frequency of m		1 0			10	6	
Movements on	Number of dest		0		6	10	3	
Exposure via water		Site contacts	s 0	1-5	6-10			
Water contacts with other farms (holding species	Farm is protected disinfection or b	ed (secure water supply through porehole)	0					
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		2	
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6			
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8			
Management practices			None	Secure	Unsecure			
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0	
On farm processing within the rules of the directive	No on farm pro	•	0				0	
	Processing owr	n fish (re-cycling risk)	1					
	Processing fish	from MS of equivalent status	2					
	Processing fish equivalent statu	from zone or compartment of	4					
	Processing fish	from Category III farm	8					
	Processing fish	from Category ∨ farm	10					
Disposal of fish and fish by-	Site's own wast	e only processed.	0	1				
products	Common proce	sses with other farms	3				3	
	Collection point	for waste from other farms	5					
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	i			0	
·	Feeding unpast	·	5					
Biosecurity		Number of sites	s 1	2 or 3	≥ 4			
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1	
	Sites sharing st	aff and equipment	0	1	2		1	
Disinfection of equipment between sites, use of	Yes		0				0	
footbaths etc	No		1					
CoGP/Regulator								
Practices in accordance with regulator or industry	Yes		0				0	
code of practice	No		3					
Platform access to cages	Yes		0	1			0	
	No		2					
					Total Rank		16 MEDIUM	

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0014	Site No:	FS0666
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems in the p 2. Is the CoGP Farm Management Area (or equivalen 3. Does the site have access to a range of licenced in azamethiphos and emamectin benzoate) as well as a can these be deployed in a reasonable period of time	t) fallowed synchronously on a single y -feed and bath sea lice medications (in- access to suitable biological and/or med	cluding deltamethrin,
4. Is there a signed documented farm management as Management Area (or equivalent)?		ite and CoGP Farm
5. Are sea lice count records available for inspection?	•	Y
Do records adequately reflect the required standard	d specified in the SSI and the CoGP? (L	Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels below the srecords are inspected? (CoGP Annex 6)	suggested criteria for treatment in the Co	oGP during the period that
8. Have average adult female sea lice (<i>L. salmonis</i>) n 2 or above (from w/b 10/6/19) during the period that re		above (prior to w/b 10/6/19) or Y
If yes, have these been reported to the Fish Health In:	spectorate? If no, FHI see comment.	Y
9. Is C. elongatus infestation at a level which is consi	dered to cause significant welfare probl	ems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments been administered or suggested criteria for treatment or where <i>C. elongatus</i>		
11. Has any other action been taken (where applicable)		Υ
12. Have therapeutic treatments or the actions taken		
13. Are treatments, where conducted, carried out in co		
14. Is there a harvesting strategy for the site, where fees lice?	ewer populations or part populations are	e held without treatment for
15. Is there a site specific written lice management pr scenarios during the escalation of a sea lice infestatio		actions to deal with recognised Y
16. Do the sea lice levels observed on stocks reflect s	ea lice count data? If no please detail r	reasons.
Containment Inspection		
 Has the site experienced equipment damage due to Are measures in place to mitigate against the preda 		
Tensioned nets Top nets	(,
If other, detail below:		
		a last FIR in a series O
3. Have escape incidents or events been experienced	•	e last FHI inspection?
If Yes proceed with questions 4 – 9. If No skip to ques 4. Have these been reported to Scottish Ministers?	BUOTI TO	
5. Have these been reported to Scottish Millisters?	where they exist\2 (CoGP - 4.4.37.5.4	1.17)
6. Have these been reported to the SSPO and local fi		
o. Have these been reported to the cor o and local in	sheries austo forthwall (where they exis	4.4.07, 0.4.17)
7. Were methods (if any) used to recover escapees?	If yes give detail	
8. If gill nets were deployed was this action agreed with	th local wild fish interests and was perm	nission given by Scottish
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	,	
9. What action was taken to prevent and minimise the	risk of further escapes? (Not covered i	in code but could
be considered under satisfactory measures of the		
10. Is the site inspected as satisfactory with regards to	o containment? If no, please detail reas	on(s) Y

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0014	Site No: FS0666	
Date of Visit: 07/02/2023	Inspector:	
Point of Compliance 1. Is the farm under inspection located v	within a farm management area?	· ·
If N, no further questions require comple	_	Y
 Has a current farm management agree Is the current FMAg/S available for in Does the FMAg/S identify the relevant Does the FMAg/S identify the fish farm 	nt farm management area? m site(s) to which it applies? commencement of the agreement or staten	ed?
farm? 9. Does the FMAg/S identify the vaccina	pement Im health standards for the stocks to be intro ation requirements for stocks held in the area es of fish which may be stocked into the area	a or farm?
individual farm?	num stocking density of any pen on any farn gements for the storage and disposal of any irm?	
Arrangements for The Management of 13. Does the FMAg/S identify arrangem	of Sea Lice ents for the sharing of data on sea lice num	bers and treatments?
14. Does the FMAg/S identify the availa of statement?	bility and the use of medicines on farms cov	vered by the agreement Y
15. Does the FMAg/S identify any requirelice on farms in the area or individual fall	rements for the sensitivity testing of available rms?	e treatments for sea
16. Does the FMAg/S identify the circum used on farms in the area or individual f	nstances under which biological controls and farms?	d cleaner fish are to be
17. Does the FMAg/S identify the arrang	gements for synchronous treatments on farn	ns within the area?
area or farm?	nstances when live fish may be introduced o	
19. Does the FMAg/S identify the arrang or individual farms?	gements for the movement of live fish on an	d off sites in the area

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable I	harvest practices on farms in the area or indi	ividual farms?
date when a farm or area may be restocked 22. Does the FMAg/S identify whether one agreement or statement? 23. Does the FMAg/S identify whether brocovered by the agreement or statement? Point of Compliance for Farm Management or Statement?	e or more year classes may be stocked onto odstock or potential broodstock are to be ke	sites covered by the Y pt on any site Y
Management and operation	perated in accordance with the agreement or f the FMAg/S? 09/08/2021	statement? Y

Site No: FS0666

Case No: 2023-0014

Nature of non-compliance:

Action taken (FHI):

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

		_				_		
Case No:	2023-0014			Date of visit:	07/02/2023]		
Site No:	FS0666	ı		Inspector:				
Che 110.	1 00000			порсоют.				
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type ECI, CNI, SLI, VMD	Date	Insp	2 nd Insp					
ECI, CIVI, SEI, VIVID	14/02/2023							





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0095
 Date of Visit
 07/02/2023

 Site No
 FS0666
 Site Name
 Burrastow

 Case No
 20230014
 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

Date: 14/02/2023

FHI 059, Version 13	Is	sued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0016			Date of visit: 08/02/2023
Time spent on site:	3 hours - Shore base only	Main Inspecto	or:
Site No: FS1099	Site Name:	Gletness	
Business No: FB0125	Business Name:	Scottish Sea Farms Ltd	
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C): N/A	Thermometer No:		FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA S-9
Dead/weak/abnormally behaving	-	N/A If yes, see additional infor	
Clinical signs of disease observ	ed?	N/A If yes, see additional infor	
Gross pathology observed?		N/A If yes, see additional infor N/A	rmation/clinical score sneet.
Diagnostic samples taken?		IVA	
UNI/REG only - if unable to carr	•		
	Site inspection not of	arried out due to poor weather	

Additional Case Information:

Full ECI paper work completed by on 08/02/2023.

Site inspection and diagnostic sampling could not be carried out as weather conditions were unsafe. The site is scheduled to be revisited in due course.

The site was stocked between 30/11/2022 and 07/12/2022 with fish sourced from Migdale and Barcaldine. Cages 1, 5 and 6 hold Migdale fish only and pens 2, 3 and 4 are stocked with Barcaldine only.

Following incial input to the site some post transfer mortality occurred up to two weeks post transfer. The site was treated with FW followed by a peroxide treatment on 25/01/2023 in order to combat AGD which was confirmed by the company vet on 10/01/2023. Following treatment, gill scores for AGD have decreased and an overall improvement to gill health has been observed. Mortality onsite however is still elevated with the three cages stocked with Barcaldine fish accounting for the majority of mortality on site. Approximately 50% of the mortality on site in recent weeks have been reported having lesions, positioned around the vent and flank. Approximately 40% of the mortality accounted for in recent weeks has been recorded as having an unknown cause, where no obvious clinical signs of disease have been associated with these fish and 10% has been classified as input failures.

Most recent vet report 10/01/2023 - Positive for AGD, no other significant results. Further samples have been taken since the 10/01/2023 however the report has yet to be issued.

Mortality removal - Secured in site specific mort tubs transported to shore then transferred to SEM Energy Ltd. Most recent pick up, 07/02/2023 940kg.

Present week mortality (Week 6) - 1.16% 7,838.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	e: 12/05/2020
Case No:	2023-0016]	Site No:	FS1099	1			
Date of Visit:		08/02/2023	3]		Inspector(s):			1
Registration/Autho	risation Deta	ails						
1. Business/site deta	ils summary	checked by s	ite representa	itive?			Υ	
2. Changes made to	details?						Y]
Site Details (include	e cleaner fis	h for all sect	lions)					
Total No facilities		6	Facilities stoo	cked	6	No facilitie	es inspected	0
Species	SAL							
Age group	2022							
No Fish	674,555							
Mean Fish Wt	341.4g							
Next Fallow Date (Si	ite)	03/2023		Next Input Da	ate (Site)	05/2023		
Recent (last 4 wks) of	disease probl	ems?			Any escapes	(since last	visit)?	N
If yes, detail:	Positive for /	AGD - Negati	ve for IPN, IPN	NV, CMS and I	PRV.			
Movement Records	5							
1. Movement records	s available fo	r inspection?						Y
2. Date of last inspec							23/11/2022	
3. Are records comp		ectly entered?	?					Y
4. Are movement red		•						Y
5. Are records comp								Y
6. Are health certification		•		able?				N/A
O. 7 HO HOURT COLLEGE	100 101 1	dollono (Jac	/ILI 05) C.C.	DiC.				
Transport Records								
1. Are any movemen		t by (or on be	half) of the bu	siness (not us	ing a STB)?			N
If yes, is there a syst								
11 /00, 10 11.2.2 2 2 2	Oll, iii piase	of main	00 01 112112					
Mortality Records								
1. Mortality records a	available for in	nspection?						Y
2. How are mortalitie	s disposed o	f?			Other (detail)			
If other detail:	See addition	al info						
3. Mortality records of			ered?					Y
			Week 5 (14,1	397 2.08%), V	Veek 4 (12,444	1.77%), W	eek 3 (10,11)	5. 1.42%),
4. Recent mortality (I	last 4 wks):		Week 2 (11,3	•				, ,
5. Evidence of recen	it increased/a	typical mortal						Y
If yes, facility nos/no		• •		/reason:				
Percentage mortality	•	•			Cage 4 (5.04%	%). See add	litional informa	ation for
cause.								
6. Any other peaks ir	n mortality du	ring period ch	necked?					N
If yes, detail:								
7. Have increased (u	inexplained)	mortalities be	en reported to	vet or FHI?				Y
If yes, detail action:		See addition						
_	8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.						Y	

Treatments and Medicines Records	
1. Recent treatments (see comment)?	Y
If yes, detail: T.M.S.	
If other, detail: Peroxide	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
	V
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	1
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	V
7. Is documentation available regarding the measures in place to maintain the physical containment of	1
aquaculture animals held on site?	N/A
8. Have the biosecurity procedures been adequately implemented on site? If no, detail: This could not be determined as the site was no inspected due to bad weather.	IV/A
If no, detail: This could not be determined as the site was no inspected due to bad weather.	
Results of Surveillance	
Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	Y
If yes, detail (if not detailed under recent disease problems).	
Fish health report dated 10/01/2023	
Records checked between: 23/11/2022 - 08/02/23	

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2023-0016		Site No:	FS1099		Insp:	
Date of Visit	08/02/2023			ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	0
	Number of supp	cluding third country	0			14	0
Movements off	Frequency of m		1 0	3		10	3
IVIOVEITIETIIS OII	Number of dest		0		6	10	3
Exposure via water		Site contacts	. 0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or b	,	0				
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		2
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	•	0				0
	Processing owr	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	from zone or compartment of	4				
		from Category III farm	8	1			
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	te only processed.	0	1			0
products	Common proce	sses with other farms	3	1			
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	ĺ			0
	Feeding unpast	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing st	aff and equipment	0	1	2		0
Disinfection of equipment between sites, use of	Yes		0				
footbaths etc	No		1				1
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total Rank		9 LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0016	Site No:	FS1099
3. Does the site have access to a range of lic	quivalent) fallowed synchronously on a single yenced in-feed and bath sea lice medications (in well as access to suitable biological and/or medical and/or m	cluding deltamethrin,
4. Is there a signed documented farm manag Management Area (or equivalent)?	ement agreement or statement relevant to the s	site and CoGP Farm
Are sea lice count records available for ins Do records adequately reflect the required	pection? (Legal SSI, CoGP Annex 6) standard specified in the SSI and the CoGP? (I	Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels be records are inspected? (CoGP Annex 6)	low the suggested criteria for treatment in the C	coGP during the period that
8. Have average adult female sea lice ($L.\ sala$ 2 or above (from w/b 10/6/19) during the period	monis) numbers per fish been at a level of 3 or od that records are inspected?	above (prior to w/b 10/6/19) or N
If yes, have these been reported to the Fish F 9. Is C. elongatus infestation at a level which	Health Inspectorate? If no, FHI see comment. is considered to cause significant welfare problem.	N/A N
suggested criteria for treatment or where C.	stered or other actions taken when <i>L. salmonis</i> elongatus is considered to have welfare implicated	
13. Are treatments, where conducted, carried	applicable)? s taken had a significant impact upon the lice le out in cooperation between participating farms where fewer populations or part populations are	? Y
15. Is there a site specific written lice manage scenarios during the escalation of a sea lice i	ement procedure with waypoints describing set a nfestation?	actions to deal with recognised Y
16. Do the sea lice levels observed on stocks This could not be determined as the site was	reflect sea lice count data? If no please detail in not inspected due to bad weather.	reasons. N/A
	ge due to predators in the current or previous priction the predation experienced on site? (Detail below	
If Yes proceed with questions 4 – 9. If No skip 4. Have these been reported to Scottish Minis 5. Have these been reported to local DSFB for		4.17)
7. Were methods (if any) used to recover esc	apees? If yes give detail	
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	greed with local wild fish interests and was pern mise the risk of further escapes? (Not covered res of the Act)	
•	egards to containment? If no, please detail reas	son(s) N/A

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0016	Site No: FS1099	
Date of Visit: 08/02/2023	Inspector:	
Point of Compliance 1. Is the farm under inspection located v	within a farm management area?	V
If N, no further questions require comple	_	Ÿ
2. Has a current farm management agree3. Is the current FMAg/S available for instance4. Does the FMAg/S identify the relevant5. Does the FMAg/S identify the fish farm	t farm management area? m site(s) to which it applies? commencement of the agreement or staten	ed? Y Y Y Y
farm? 9. Does the FMAg/S identify the vaccina 10. Does the FMAg/S identify the specie	ement Im health standards for the stocks to be intro Interest to the stocks to be intro Interest to the stocks held in the area Interest to the stock of the stoc	a or farm? Y a or farm? Y
	gements for the storage and disposal of any rm?	dead fish from any
Arrangements for The Management of 13. Does the FMAg/S identify arrangement	of Sea Lice ents for the sharing of data on sea lice num	bers and treatments?
14. Does the FMAg/S identify the availal of statement?	bility and the use of medicines on farms cov	rered by the agreement Y
15. Does the FMAg/S identify any requir lice on farms in the area or individual far	rements for the sensitivity testing of available rms?	
16. Does the FMAg/S identify the circum used on farms in the area or individual fa	nstances under which biological controls and arms?	d cleaner fish are to be
	gements for synchronous treatments on farn	ns within the area?
area or farm?	nstances when live fish may be introduced o	
or individual farms?	gements for the movement of live fish on an	u oil siles in the area

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020			
Harvesting 20. Does the FMAg/S identify acceptable	e harvest practices on farms in the area or indiv	vidual farms?			
date when a farm or area may be restocl 22. Does the FMAg/S identify whether or agreement or statement? 23. Does the FMAg/S identify whether br covered by the agreement or statement?	ne or more year classes may be stocked onto s roodstock or potential broodstock are to be kep	sites covered by the			
Point of Compliance for Farm Manage 24. Does the farm management agreem parties to the agreement?	ement Agreements Only ent include arrangements for persons to becon	me, or cease to be,			
Management and operation 25. Is the fish farm being managed and of 26. What is the version no/date of issue	operated in accordance with the agreement or of the FMAg/S? 26/09/2022	statement?			

Site No: FS1099

Case No: 2023-0016

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2023-0016			Date of visit:	08/02/2023			
Site No:	FS1099	1		Inspector:				
One 140.	101000			пізрескої.				
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary			T T	1				
Case Type	Date	Insp	2 nd Insp					
REG	14/02/2023							
	 							





SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0125
 DATE OF VISIT
 08/02/2023

 SITE NO
 FS1099
 SITE NAME
 Gletness

 CASE NO
 20230016
 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was visited in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

On this occasion, the site inspection could not be conducted due to adverse weather conditions. This inspection will be reschedule later in the year.

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

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

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

Signed:

Fish Health Inspector

Date: 14/02/2023

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 13	Iss	ued by: FHI	Date of issue: 12/05/2020			
Case No: 2023-0021			Date of visit: 01/02/2023			
Time spent on site:	5mins	Main Inspecto	or:			
Site No: SS0570 Business No: SB0272	Site Name: Business Name:	Acairseid Mhor R.B. & S.L. Barlow				
Case Types: 1 PSI 2	2 3	4 5	6			
Water Temp (°C):	Thermometer No:		FHI 045 completed			
Observations:	Region: ST	Water type: S	CoGP MA:			
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	·	If yes, see additional information/clinical score sheet. 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 re	ason below:				

The sea bed is used as 'on growing' site for commercially caught scallops. The scallops that don't sell are placed here to grow and then fished (through diving) in the summer months. No floating equipment can be observed apart from the site's boundary buoys.

FHI 059, Version 13	Issued by: FHI			Date	of issue: 12
Case Number:	2023-0021 Site No:	SS057	0		
Date of Visit	01/02/2023 Inspector:				
Number of Susceptil	ole species on site				
-	ies present = <u>LOW</u> risk				
If susceptible species	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	0
	Susceptible to OsHV (CGI)		0	3	0
Sites within a tidal e	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal excursion	0	2	10	0
Live shellfish moven	nonte	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
Movements on	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
	Trainibot of suppliers				
Movements off	Frequency of movements off within MSS Management Areas	0	1	2	0
	Frequency of movements off outwith MSS Management Areas	0	3	6	0
	Number of destinations	0	3	6	0
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	0
	Depuration of stock from other businesses sites within MSS management area	0	2	6	0
	Depuration of stock from sites outwith MSS management area	0	4	8	0
Biosecurity	Number of sites	1	2 or 3	≥ 4	
Contacts with other	Sites operating from single shorebase	0	1	2	0
sites	Sites sharing staff and equipment	0	1	5	0
			Yes	No	
	Disinfection of equipment between sites, use of footbath	s etc	0	2	0
			Total Risk		0 LOW

FHI 059, Version 13	Issued	d by: FHI	Date of issue: 12/05/2020
Case No: 2023-0021	Site No:	SS0570	
Date of case: 01/02/202	3	Inspector(s):	
Business/site contacts correct? (if no, update	e site summary sh	neet)	Υ
Site Details Total No facilities: Species PMA Age group 1-6 years No shellfish 2700 Mean fish Wt Mix Next fallow date (site) Not planned Date of last inspection: (ECI or PSI): 1. Any recent increased or atypical mortalities	06/11/2007 s? (last 4 weeks):	Next input date (site)	es stocked: 1 Jul-23
If yes, detail: e.g. site average, max per facility			
2. Any increased mortalities? (since last insplit yes, detail:	ection)		N
3. How are mortalities disposed of? If other detail: Empty shells left on seabed.			Other (detail)
4. Are there any diseases on your site? If yes, detail:			N
5. Have you experienced predation on site? If yes, detail:			N
6. Has the site experienced increased or abr	normal fouling?		N
7. Have you observed any invasive species of the sp	on your site?		N
8. Do you have an up to date BMP, and are to lift yes, detail: No issues.	there any issues?		Y
9. What quantity of spat fall have you had in N/A	the last 12 month	s? (mussel sites only):	

Case No:	2023-0021			Date of visit:	01/02/2023	3		
Site No:	SS0570	1		Inspector:		1		
Results Summary	Freq.			Da	te of Notifica	ition		
resource Summary	. 104.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
PSI	01/02/2023							





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0272
 Date of Visit
 01/02/2023

 Site No
 SS0570
 Site Name
 Acairseid Mhor

 Case No
 20230021
 Inspector

Routine surveillance frequency assessment under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was contacted in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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

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

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

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

Signed:

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

Date: 01/02/2023

FHI 059, Version 13	Į:	ssued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0022			Date of visit: 06/02/2023
Time spent on site:	hours	Main Inspec	etor:
Site No: FS1321 Business No: FB0125	Site Name: Business Name:	Barcaldine Hatchery Incubati Scottish Sea Farms Ltd	on 1
Case Types: 1 ECI 2	CNI 3	5	6
Water Temp (°C): 7.5	Thermometer No:	Site	FHI 045 completed
Observations:	Region: ST	Water type: F	CoGP MA:
Dead/weak/abnormally behaving for Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	·	N If yes, see additional info	ormation/clinical score sheet. ormation/clinical score sheet. ormation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail	reason below:	

Health screening conducted prior to fish moving's between units (from Incubation to first feeding etc): IPN and PMCV and histology

Ova are transferred in boxes from Aquagen and brought into the incubation rooms via hatches, where ova are immediately disinfected with buffodine and then placed into comp hatches. No treatments have been conducted on site for two years.

Alevins observed with majority in healthy condition. Since input performing well.

Site thermometer used for biosecurity considerations.

FHI 059, Version 13	3		Issu	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2023-0022		Site No:	FS1321				
Date of Visit:		06/02/2023]		Inspector(s)	:		
Registration/Author	orisation Deta	nils						
1. Business/site det			ite representa	ative?			Υ	1
2. Changes made to	o details?	·	·				N]
Site Details (includ	de cleaner fis	h for all sect	ions)					
Total No facilities		1	Facilities sto	cked	1	No facilitie	es inspected	1
Species	SAL							
Age group	2022							
No Fish	527,490							
Mean Fish Wt	<1g/Alevin							
Next Fallow Date (S	Site)	Wk12 2023		Next Input Da	te (Site)	Wk32 202	23	
Recent (last 4 wks)	disease probl	ems?		N	Any escape	s (since last	visit)?	N
If yes, detail:								
Movement Record	ls.							
Movement record		r inspection?						Y
2. Date of last inspe							03/10/2022	
3. Are records com		ectly entered?	>					Y
4. Are movement re		•						Y
5. Are records com	plete and corre	ectly entered?	>					Y
6. Are health certific		•		able?				Y
Transport Records	s							
1. Are any moveme		t by (or on be	half) of the bu	isiness (not us	ing a STB)?			Y
If yes, is there a sys					_			Y
Mortality Records								
Mortality records	available for i	acpostion?						
2. How are mortaliti		•			Ensiled - on	sita		'
If other detail:	es disposed o				Elisiica oli	310		
3. Mortality records	complete and	correctly ent	ered?					Y
or mortality rooting	oompioto and	correctly one		0.33%, 2153;	Wk4, 0.36%,	2337; Wk3,	0.72%, 4753	; WK 2, 0%,0
4. Recent mortality	(last 4 wks):		; WK1, 0%, (0				
Evidence of rece	nt increased/a	typical mortal	lities?					N
If yes, facility nos/no	o mortality per	facility/no sto	ck per facility	/reason:				
6. Any other peaks	in mortality du	ring period ch	necked?					N/A
If yes, detail:	The same of the sa	9 511100 01						
7. Have increased (unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:	•							
8. Have 'mortality e		ported to FHI	? If no, enter	details on mort	ality events s	heet.		N/A

Treatments and Medicines Records	X.1
1. Recent treatments (see comment)?	N
If yes, detail:	
If other, detail:	51/A
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	N/A
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	N
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 03/10/2022-06/02/2023	

FHI 059, Version 13		Issued by: FHI			Date	of issue	: 12/05/2020	
Case Number:	2023-0022		Site No:	FS1321		Insp:		
Date of Visit	06/02/2023		No of m	ovements/s	supp./dest.		Score	
Live fish movements			0	1-5	6-10	>10		
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14		
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	Q	
•	Number of supp	cluding third country	0			14	5	
Movements off	Frequency of m		1 0	3		10	3	
Wovernonts on	Number of dest		0			10	3	
Exposure via water		Site contacts	5 0	1-5	6-10			
Water contacts with other farms (holding species	disinfection or b	•	0				0	
susceptible to same diseases)		or in a coastal zone with category I or within 1 tidal excursion	1	2	4			
,	Farm is on-line	or in a coastal zone with category III or within 1 tidal excursion	1	3	6			
	Farm is on-line	or in a coastal zone with category V						
	tarms upstream	or within 1 tidal excursion	1	4	8			
Management practices			None	Secure	Unsecure			
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		1	
On farm processing within the rules of the directive	No on farm pro	cessing	0				0	
the rules of the directive	Processing own	n fish (re-cycling risk)	1					
	Processing fish	from MS of equivalent status	2					
	Processing fish equivalent statu	from zone or compartment of	4					
		from Category III farm	8					
	Processing fish	from Category V farm	10					
Disposal of fish and fish by-	Site's own wast	e only processed.	T 0	i I				
products	Common proce	sses with other farms	3	1			3	
	Collection point	for waste from other farms	5					
Use of unpasteurised feeds	No feeding of u	npasteurised feed	1 0	,]			0	
, , , , , , , , , , , , , , , , , , ,	Feeding unpast	<u>.</u>	5					
Biosecurity		Number of sites	1	ı 2 or 3	≥ 4			
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2	
	Sites sharing st	aff and equipment	0	1	2		2	
Disinfection of equipment	Yes		0				0	
between sites, use of footbaths etc	No		1				Ü	
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		28 HIGH	

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2
Case No: 2023-0022	Site No:	FS1321
Sea Lice Inspection (Seawater Sites Onl	v)	
Has the site experienced sea lice proble		
	r equivalent) fallowed synchronously on a single	vear class basis?
3. Does the site have access to a range of	licenced in-feed and bath sea lice medications (ir as well as access to suitable biological and/or medications)	ncluding deltamethrin,
4. Is there a signed documented farm mana	agement agreement or statement relevant to the	site and CoGP Farm
Management Area (or equivalent)?		
5. Are sea lice count records available for it6. Do records adequately reflect the require	nspection? (Legal SSI, CoGP Annex 6) ed standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels be records are inspected? (CoGP Annex 6)	pelow the suggested criteria for treatment in the C	CoGP during the period that
8. Have average adult female sea lice (<i>L.</i> s 2 or above (from w/b 10/6/19) during the pe	calmonis) numbers per fish been at a level of 3 or eriod that records are inspected?	above (prior to w/b 10/6/19) or
If yes, have these been reported to the Fish	Health Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level whi	ch is considered to cause significant welfare prob	lems? (CoGP 4.3.81, 5.3.50)
	inistered or other actions taken when <i>L. salmonis c. elongatus</i> is considered to have welfare implica	
11. Has any other action been taken (where	e applicable)?	
12. Have therapeutic treatments or the acti	ons taken had a significant impact upon the lice le	evels recorded?
13. Are treatments, where conducted, carri	ed out in cooperation between participating farms	s?
14. Is there a harvesting strategy for the sit sea lice?	e, where fewer populations or part populations ar	e held without treatment for
15. Is there a site specific written lice mana scenarios during the escalation of a sea lic	gement procedure with waypoints describing set e infestation?	actions to deal with recognised
16. Do the sea lice levels observed on stoo	ks reflect sea lice count data? If no please detail	reasons.
Containment Inspection		
-	nage due to predators in the current or previous p	roduction cycles?
	st the predation experienced on site? (Detail below	
Site indoors,		,
If other, detail below:		
If Yes proceed with questions $4 - 9$. If No s		ne last FHI inspection?
4. Have these been reported to Scottish Mi		
•	forthwith (where they exist)? (CoGP – 4.4.37, 5.	,
6. Have these been reported to the SSPO a	and local fisheries trusts forthwith (where they exi	st)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover e	scapees? If yes give detail	
8. If gill nets were deployed was this action Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	agreed with local wild fish interests and was perr	mission given by Scottish
9. What action was taken to prevent and m	inimise the risk of further escapes? (Not covered	in code but could
be considered under satisfactory meas 10. Is the site inspected as satisfactory with	sures of the Act) n regards to containment? If no, please detail reas	son(s)

Date of issue: 12/05/2020

Case No:	2023-0022	J		Date of vi	sit: 06/02/20	023		
Site No:	FS1321			Inspect	or:			
Results Summary	Freq.	Database	Inon	Phone	Date of Notif	ication Writing	Inon	and
		Database	Insp	riione	Insp	vvnung	Insp	2 nd
	+							
			_					
	+							
Report Summary	D /		- nd	-				
Case Type	Date	Insp	2 nd Insp					
ECI,CNI	13/02/2023	-						
	+							
	+							
	+							





SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No FB0125 **DATE OF VISIT** 06/02/2023

SITE No FS1321 SITE NAME Barcaldine Hatchery Incubation 1

Case No 20230022 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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



Signed:

Fish Health Inspector

Date:13/02/2022

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

FHI 059, Version 13		Issued by: FHI		Date of issu	ie: 12/05/2020	
Case No: 2023-0023				Date of visit: 06/	02/2023	
Time spent on site:	nours	M	ain Inspector:			
Site No: FS1322 Business No: FB0125	Site Name: Business Name:	Barcaldine Hatche Scottish Sea Farm	•	2		
Case Types: 1 ECI 2	CNI 3	4 5		6		
Water Temp (°C): 7.5	Thermometer No:	Site] F	FHI 045 completed		
Observations:	Region: ST	Water type:	F	CoGP MA:		
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	N If yes, see add	ditional informa	ation/clinical score ation/clinical score ation/clinical score	sheet.		
UNI/REG only - if unable to carry out intended visit detail reason below:						

Health screening conducted prior to fish movings between units (from Incubation to first feeding etc): IPN and PMCV and histology

Ova are transferred in boxes from Aquagen and brought into the incubation rooms via hatches, where ova are immediately disinfected with buffodine and then placed into comp hatches. No treatments have been conducted on site for two years.

Alevins observed with majority in healthy condition but a few mortalities observed. Increased mortality at input from wk51 2022 due to failed hatch/ ova mortality.

Site thermometer used for biosecurity considerations.

FHI 059, Version 1	3	Issued by: FHI	Date of issue: 12/05/202	20
Case No:	2023-0023	Site No:	FS1322	
Date of Visit:		06/02/2023	Inspector(s):	
Registration/Auth	norisation Details			
1. Business/site de	etails summary chec	ked by site representative?		
2. Changes made	to details?			
Site Details (inclu	ıde cleaner fish for	all sections)		
Total No facilities		1 Facilities stocke	ed 1	
Species	SAL			
Age group	2023			
No Fish	117,463			
Mean Fish Wt	<1g/Alevin			
Next Fallow Date (Site)	Wk 8 2023	Next Input Date (Site)	
Recent (last 4 wks) disease problems?		N Any escapes (since	
If yes, detail:				
Movement Recor	ds			
1. Movement reco	rds available for insp	ection?		
Date of last insp	ection:			
3. Are records com	nplete and correctly	entered?		
4. Are movement r	ecords available for	dead fish and waste?		
5. Are records com	nplete and correctly	entered?		
6. Are health certif	icates for introduction	ns (outwith GB) available?		
Transport Record	ls			
1. Are any movem	ents carried out by (or on behalf) of the business (not us	sing a STB)?	
If yes, is there a sy	stem in place for ma	aintenance of transportation records	s? -	
Mortality Records	S			
1. Mortality records	s available for inspe	ction?		
2. How are mortali	ties disposed of?		Ensiled - on site	
If other detail:				
3. Mortality records	s complete and corre	ectly entered?		
4. Recent mortality	(last 4 wks):	2023: Wk 4, 0.4	41%, 4567; Wk 3, 0%, 0; Wk 2, 0.25%, 274	
5. Evidence of rece	ent increased/atypic			
If yes, facility nos/r	no mortality per facili	ty/no stock per facility/reason:		
Any other peaks	in mortality during p			
If yes, detail:	Wk 48, 3.37%, 442 ova.	250; Wk49, 5.29%, 67167; Wk50, 2.	.74%, 32939; Wk 51, 1.13%, 13161. Subse	
•		alities been reported to vet or FHI?		
If yes, detail action				
•		d to FHI? If no, enter details on mor	rtality events sheet.	

1. Recent treatments (see comment)?

If yes, detail:

If other, detail:

2. Medicines records available for inspection?

3. Are records complete and correctly entered?

4. Are fish in a withdrawal period?

5. If yes, what treatment(s)?

If other, detail:

6. Are medicines stored appropriately?

Biosecurity Records

- 1. Biosecurity records available for inspection?
- 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?
- 3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any *increase* been included?
- 4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is downer that will be notified to Scottish Ministers?
- 5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health s
- 6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmemovement of staff, visitors, equipment, live or dead fish etc.)?
- 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture ar
- 8. Have the biosecurity procedures been adequately implemented on site?

If no, detail:

Results of Surveillance

- 1. Has any animal health surveillance been carried out by, or on behalf of, the business?
- 2. If yes, are results available for inspection?
- 3. Any significant results?

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

Records checked between: 22/02/2022-06/02/2023

		_
		_
	V	1
	Y N	
	N	
No facilities inspe	cted	1
	1	
Wk12 2023		
: last visit)?		N
		Y
	22/02/2022	
		Y
		Y
		Y
		Y
		Y
		Y
		Y
		Y
5; Wk1, 0.53%, 59	113	
J, WKI, 0.00 /0, 08	713	l N
		IV
		Y
quent mortalities a	re attributed to failed	hatch/ unviable
quont mortantos a	. o attributou to fallot	Tratori, dirvidolo
		N/A
		IN/A
		N/A

	N
	N/A
	N
	N/A
	. 47.
	Y
ed (unexplained) mortality at the site	Y
etected been included and how and	Y
status, certification if required)?	Y
nission of disease been covered	Y
	Y
nimals held on site?	Y
	N

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2023-0023		Site No:	FS1322		Insp:	
Date of Visit	06/02/2023		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species		novements on from equivalent zone or	0	0	4.0	26	0
Species	Number of supp	ocluding third country	0		18 10	26 14	5
					ļ		
Movements off	Frequency of m		0		6 6	10	3
Exposure via water	Tramber of desi	Site contacts			6-10		9
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through	0				0
susceptible to same diseases)	Farm is on-line	or in a coastal zone with category I	1	2	4		
,	Farm is on-line	or in a coastal zone with category III	1	3	6		
	Farm is on-line	or in a coastal zone with category V	1	1	8		
Management practices	iainis upstream	TOT WITHIN T TIGAL EXCUISION	None	Secure	Unsecure		
Water contacts with	Any processing	plant discharging into adjacent waters		Secure	Offisecure		
processors	7 7 Processing	The state of the s	0	1	2		1
On farm processing within the rules of the directive	No on farm pro		0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	from zone or compartment of	4				
		from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0				
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0				0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites		from single shorebase	0	1	2		2
	Sites sharing st	aff and equipment	0	1	2		2
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total		28
					Rank		HIGH

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2
Case No: 2023-0023	Site No:	FS1322
Sea Lice Inspection (Seawater Sites Only)		
Has the site experienced sea lice problem		
	equivalent) fallowed synchronously on a single	vear class basis?
3. Does the site have access to a range of lice	cenced in-feed and bath sea lice medications (in well as access to suitable biological and/or medications)	ncluding deltamethrin,
	gement agreement or statement relevant to the	site and CoGP Farm
Are sea lice count records available for ins	spection? (Legal SSL CoGP Annex 6)	
	I standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels be records are inspected? (CoGP Annex 6)	elow the suggested criteria for treatment in the C	CoGP during the period that
8. Have average adult female sea lice (<i>L. sa.</i> 2 or above (from w/b 10/6/19) during the peri	Imonis) numbers per fish been at a level of 3 or iod that records are inspected?	above (prior to w/b 10/6/19) or
If yes, have these been reported to the Fish	Health Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level which	n is considered to cause significant welfare prob	elems? (CoGP 4.3.81, 5.3.50)
	istered or other actions taken when <i>L. salmonis</i> elongatus is considered to have welfare implica	
11. Has any other action been taken (where	applicable)?	
	ns taken had a significant impact upon the lice le	
	d out in cooperation between participating farms	
14. Is there a harvesting strategy for the site, sea lice?	, where fewer populations or part populations ar	e held without treatment for
15. Is there a site specific written lice manag scenarios during the escalation of a sea lice	ement procedure with waypoints describing set infestation?	actions to deal with recognised
16. Do the sea lice levels observed on stocks	s reflect sea lice count data? If no please detail	reasons.
Containment Inspection		
•	age due to predators in the current or previous p	production cycles?
	the predation experienced on site? (Detail below	-
Site indoors,	·	, <u> </u>
If other, detail below:		
3. Have escape incidents or events been ex If Yes proceed with questions $4 - 9$. If No ski	perienced on or in the vicinity of the site since the tip to question 10	ne last FHI inspection?
4. Have these been reported to Scottish Mini	isters?	
5. Have these been reported to local DSFB f	orthwith (where they exist)? (CoGP - 4.4.37, 5.	4.17)
6. Have these been reported to the SSPO ar	nd local fisheries trusts forthwith (where they exi	st)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover esc	capees? If yes give detail	
8. If gill nets were deployed was this action a Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	greed with local wild fish interests and was perr	nission given by Scottish
9. What action was taken to prevent and min	nimise the risk of further escapes? (Not covered	in code but could
be considered under satisfactory measu	•	
To. is the site inspected as satisfactory with	regards to containment? If no, please detail reas	son(s)

Date of issue: 12/05/2020

Case No:	2023-0023			Date of visit:	06/02/2023	3		
Site No:	FS1322	1		Inspector:				
Results Summary	Freq.	Databasa	II		te of Notifica		Iliana	nd .
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary				1				
Case Type	Date	Insp	2 nd Insp	1				
ECI, CNI	14/02/2023							
	1							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0125 Date of Visit 06/02/2023

SITE No FS1322 SITE NAME Barcaldine Hatchery Incubation 2

Case No 20230023 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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



Signed:

Fish Health Inspector

Date: 22/02/2023

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0024			Date of visit: 06/02/2023
Time spent on site:	nours	Mair	n Inspector:
Site No: FS1324 Business No: FB0125	Site Name: Business Name:	Barcaldine Hatchery Scottish Sea Farms I	
Case Types: 1 ECI 2	CNI 3	4 5	6
Water Temp (°C): 7.5	Thermometer No:	Site	FHI 045 completed
Observations:	Region: ST	Water type: F	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	ional information/clinical score sheet. ional information/clinical score sheet. ional information/clinical score sheet.		
UNI/REG only - if unable to carry	out intended visit deta	uil reason below:	

Health screening conducted prior to fish movings between units (from Incubation to first feeding etc): IPN and PMCV and histology

Ova are transferred in boxes from Aquagen and brought into the incubation rooms via hatches, where ova are immediately disinfected with buffodine and then placed into comp hatches. No treatments have been conducted on site for two years.

Alevins observed with majority in healthy condition but a few mortalities observed. Increased mortality at input from wk51 2022 due to failed hatch/ ova mortality.

Site thermometer used for biosecurity considerations.

FHI 059, Version 13	i e		Issu	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2023-0024		Site No:	FS1324				
Date of Visit:		06/02/2023	3		Inspector(s)):		
Registration/Author	orisation Deta	ails						
1. Business/site det			site representa	ative?			Υ	1
2. Changes made to	o details?						N]
Site Details (includ	de cleaner fis	h for all sect	ions)					
Total No facilities		1	Facilities sto	cked	1	No facilitie	es inspected	1
Species	SAL							
Age group	2023							
No Fish	904,150							
Mean Fish Wt	<1g/Alevins							
Next Fallow Date (S	Site)	Wk10 2023		Next Input Da	ate (Site)	Wk 12 20	23	
Recent (last 4 wks)	disease probl	ems?		N	Any escape	s (since last	visit)?	N
If yes, detail:								
Movement Record	s							
Movement record		r inspection?						Y
2. Date of last inspe							22/02/2022	
3. Are records comp		ectly entered?	>					Y
4. Are movement re				•				Ÿ
5. Are records comp								·
6. Are health certific		•		ahle?				·
o. Are nealth certific		idelions (odiv	vitii OD) avalie	abic:				·
Transport Records	5							
1. Are any moveme	nts carried ou	t by (or on be	half) of the bu	isiness (not us	ing a STB)?			Y
If yes, is there a sys	tem in place f	or maintenan	ce of transpor	rtation records	?			Υ
Mortality Records								
1. Mortality records	available for i	nspection?						Y
2. How are mortaliti		•			Ensiled - on	site		
If other detail:					•			
3. Mortality records	complete and	correctly ent	ered?					Y
·		·	2023: WK 4,	0.49%, 4660;	Wk 3, 1.39%	6, 13374; Wł	(2, 0.76%; 75	27; Wk 1,
4. Recent mortality	,		0.81%, 8119)				
Evidence of rece								N
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:				
6. Any other peaks	in mortality du	ring period ch	necked?					Y
If yes, detail:				ttributed to fail	ed hatch/ un	viable ova.		
7. Have increased (311			N/A
If yes, detail action:	,							
8. Have 'mortality e	vents' been re	ported to FHI	? If no, enter	details on mort	ality events s	sheet.		N/A

Treatments and Medicines Records	N
1. Recent treatments (see comment)?	N
If yes, detail:	
If other, detail: 2. Medicines records available for inspection?	N/A
Are records complete and correctly entered?	IN/A
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	14
If other, detail:	
6. Are medicines stored appropriately?	N/A
o. Are medicines stored appropriately:	14/74
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	se
is detected been included and how and when that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	•
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 22/02/2022-06/02/2023	

FHI 059, Version 13		Issued by: F	HI			Date o	of issue:	: 12/05/2020
Case Number:	2023-0024			Site No:	FS1324	I	nsp:	
Date of Visit	06/02/2023			No of mo	ovements/s	upp./dest.		Score
Live fish movements				0	1-5	6-10	>10	
Movements on (from out	Frequency of m	ovements on from equivalent	MS	0	5	10	14	
with GB) of susceptible species		ovements on from equivalent	zone or	0	0	18	26	0
opeolog	Number of supp	cluding third country		0	9 5	10	26 14	5
NA	,					ļ		2
Movements off	Frequency of m Number of dest			0	3	6	10 10	3
Exposure via water	Trainbor or door		contacts	0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protected disinfection or b	ed (secure water supply througorehole)	gh	0				0
susceptible to same diseases)		or in a coastal zone with cated or within 1 tidal excursion	gory I	1	2	4		
	farms upstream	or in a coastal zone with cateç or within 1 tidal excursion		1	3	6		
		or in a coastal zone with cateo or within 1 tidal excursion	gory V	1	4	8		
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 prod			0				0
	Processing own	fish (re-cycling risk)		1				
	Processing fish	from MS of equivalent status		2				
	Processing fish equivalent statu	from zone or compartment of s		4				
	Processing fish	from Category III farm		8				
	Processing fish	from Category V farm		10				
Disposal of fish and fish by-	Site's own wast	e only processed.		0				
products	Common proce	sses with other farms		3				3
	Collection point	for waste from other farms		5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed		0				0
oco or ampaotoanioca rocas	Feeding unpast			5				
Biosecurity			of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0	1	2		2
	Sites sharing st	aff and equipment		0	1	2		2
Disinfection of equipment between sites, use of	Yes			0				0
footbaths etc	No			1				
CoGP/Regulator								
Practices in accordance with regulator or industry	Yes			0				0
code of practice	No			3				
Platform access to cages	Yes			0				0
	No			2				
						Total Rank		28 HIGH

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2
Case No: 2023-0024	Site No:	FS1324
Sea Lice Inspection (Seawater Sites Only	A	
Has the site experienced sea lice problem		
	equivalent) fallowed synchronously on a single	vear class basis?
-	cenced in-feed and bath sea lice medications (ir	
azamethiphos and emamectin benzoate) as can these be deployed in a reasonable period	s well as access to suitable biological and/or medod of time?	chanical control measures, and
4. Is there a signed documented farm mana Management Area (or equivalent)?	gement agreement or statement relevant to the	site and CoGP Farm
5. Are sea lice count records available for in	spection? (Legal SSI, CoGP Annex 6)	
6. Do records adequately reflect the require	d standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels b records are inspected? (CoGP Annex 6)	elow the suggested criteria for treatment in the C	CoGP during the period that
8. Have average adult female sea lice (<i>L. sa</i> 2 or above (from w/b 10/6/19) during the per	almonis) numbers per fish been at a level of 3 or riod that records are inspected?	above (prior to w/b 10/6/19) or
If yes, have these been reported to the Fish	Health Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level whic	h is considered to cause significant welfare prob	elems? (CoGP 4.3.81, 5.3.50)
	nistered or other actions taken when <i>L. salmonis</i> elongatus is considered to have welfare implica	
11. Has any other action been taken (where	applicable)?	
12. Have therapeutic treatments or the action	ns taken had a significant impact upon the lice le	evels recorded?
13. Are treatments, where conducted, carrie	d out in cooperation between participating farms	6?
14. Is there a harvesting strategy for the site sea lice?	e, where fewer populations or part populations ar	e held without treatment for
15. Is there a site specific written lice managescenarios during the escalation of a sea lice	gement procedure with waypoints describing set infestation?	actions to deal with recognised
16. Do the sea lice levels observed on stock	s reflect sea lice count data? If no please detail	reasons.
Containment Inspection		and dusting such a 2
	age due to predators in the current or previous p	
	the predation experienced on site? (Detail below	W) 1
Site indoors, If other, detail below:		
ii culoi, dotaii bolow.		
3. Have escape incidents or events been exif Yes proceed with questions 4 – 9. If No sk	experienced on or in the vicinity of the site since the	he last FHI inspection?
4. Have these been reported to Scottish Min		
·	forthwith (where they exist)? (CoGP – 4.4.37, 5.	4.17)
·	nd local fisheries trusts forthwith (where they exi	•
7. Were methods (if any) used to recover es	capees? If yes give detail	
0.16 -: 11 12 12		
8. If gill nets were deployed was this action a Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	agreed with local wild fish interests and was perr	mission given by Scottish
	nimise the risk of further escapes? (Not covered	in code but could
be considered under satisfactory measurements. Is the site inspected as satisfactory with	ures of the Act) regards to containment? If no, please detail reas	son(s) Y

Date of issue: 12/05/2020

Case No:	2023-0024			Date of visit:	06/02/2023	3			
Site No:	FS1324]	Inspector:						
Results Summary	Freq.			Da	te of Notifica	ition			
r too and o anninary		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
Report Summary	Dete	la e e	and .						
Case Type	Date	Insp	2 nd Insp						
ECI, CNI,	14/02/2023								





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0125 Date of Visit 06/02/2023

SITE No FS1324 SITE NAME Barcaldine Hatchery Incubation 4

Case No 20230024 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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



Signed:

Fish Health Inspector

Date: 22/02/2023

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

FHI 059, Version 13	lss	sued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0025			Date of visit: 06/02/2023
Time spent on site:	5 hours	Main Inspec	ctor:
Site No: FS0269 Business No: FB0134	Site Name: Business Name:	Kames Hatchery Kames Fish Farming Ltd	
Case Types: 1 MIX	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed N/A
Observations:	Region: ST	Water type: F	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional inf	formation/clinical score sheet. formation/clinical score sheet. formation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail re	eason below:	

Florocol treatments usually occur between March-July, specifically to treat RTFS.

Mixing feed risk assessment available and inspected on 06/02/2023 SOP - mixing medicated feed available and inspected on 06/02/2023.

Training record available. Three members were identified who have been trained to mix feed. Training sessions have occoured on 12/08/2021, 08/08/2020 and 03/12/2019.

Treatment records state that the most recent treatment was testosterone (04/02/2023). Testosterone treatment used on fish for broodstock purposes only (fish not to enter food chain). The last florocol treatment was conducted on 28/09/2022. Prescription for both treatments was available. Feed mixing has taken place for both of these events.

Stock details:

Tank 14- 2120 RTR @289g, Dec 2021 Tank 4- 170393 RTR @ 0.1g, Dec 2022 (First feed) 405000 RTR ova (6 tanks), Jan 2023 9000 alevin RTR (2 tanks), Jan 2023

Site is currently planning breeding programme with Xelect to produce their own lines due to Bromwell closing down.

Feed mixing inspection was conducted on 06/02/2023.

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issue	e: 12/05/2020
Case No:	2023-0025		Site No:	FS0269				
Date of Visit:		06/02/2023	1		Inspector(s):			
Registration/Author	orisation Deta	ails						
1. Business/site det	ails summary	checked by s	ite representa	ative?			Υ	
2. Changes made to	details?						N	
Site Details (include	le cleaner fis	h for all secti	ions)					
Total No facilities		10	Facilities sto	cked	10	No facilitie	s inspected	10
Species	RTR	RTR	RTR	RTR				
Age group	2023	2023	2022	2022				
No Fish	405,000	9,000	170,393	2,120				
Mean Fish Wt	ova	alevin, <1g	0.1g	289g				
Next Fallow Date (S	Site)	never fallow		Next Input Da	te (Site)	August 202	23	
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
 4. Are movement re 5. Are records comp 6. Are health certific Transport Records 1. Are any moveme If yes, is there a sys 	olete and corr cates for introd s nts carried ou	ectly entered? ductions (outw t by (or on bel	rith GB) availa	able? usiness (not usi	-			Y Y N/A
Mortality Records								
1. Mortality records	available for i	nspection?						
2. How are mortaliti	es disposed c	f?						
If other detail:								
3. Mortality records	complete and	correctly ente	ered?					
4. Recent mortality	(last 4 wks):							
5. Evidence of recei	nt increased/a	typical mortal	ities?					
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
6. Any other peaks	in mortality du	ring period ch	ecked?					
If yes, detail:								
7. Have increased (unexplained)	mortalities be	en reported to	vet or FHI?				
If yes, detail action:								
8. Have 'mortality ev	vents' been re	ported to FHI	? If no, enter	details on morta	ality events sh	eet.		

Total Control of the Police Book In
Treatments and Medicines Records
1. Recent treatments (see comment)?
Testosteron 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?
Diagramity Describe
Biosecurity Records 1. Riccourity records available for inspection?
Biosecurity records available for inspection? Heather manner and frequency of mortality removal, recording and cofe dispessal been considered?
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any increased (unexplained) mortality at the site been included?
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher
health status, certification if required)?
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?
7. Is documentation available regarding the measures in place to maintain the physical containment of
aquaculture animals held on site?
8. Have the biosecurity procedures been adequately implemented on site?
If no, detail:
Results of Surveillance
Has any animal health surveillance been carried out by, or on behalf of, the business?
2. If yes, are results available for inspection?
3. Any significant results?
If yes, detail (if not detailed under recent disease problems).
a you, actual (in the actual of a transfer production)
Records checked between: 26/02/2019-06/02/2023

Case No:	2023-0025			Data of vi	isit: 06/02/20	22			
Case No.	2023-0025	J		Date of vi	ISIT: 00/02/20	023			
Site No:	FS0269]		Inspec	tor:				
Results Summary	Freq.		Date of Notification						
		Database	e Insp	Phone	Insp	Writing	Insp	2 nd lı	
	+								
Report Summary									
Case Type	Date	Insp	2 nd Insp						
MIX	14/02/2023	3							

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0026			Date of visit: 06/02/2023
Time spent on site:	hour	Main Inspecto	or:
Site No: FS0270 Business No: FB0134	Site Name: Business Name:	Loch Avich Kames Fish Farming Ltd	
Case Types: 1 ECI 2	2 CNI 3	4 5	6
Water Temp (°C): 5.5	Thermometer No:	T307	FHI 045 completed
Observations:	Region: ST	Water type: F	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional info	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	nil reason below:	

Input October 2023- Stock origin is kames hatchery

Fish will either be transferred to Loch Pooltiel or Loch Melfort sites once they are 250g.

Fish observed on site were in good condition.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	ıe: 12/05/2020
Case No:	2023-0026		Site No:	FS0270				
Date of Visit:		06/02/2023	;]		Inspector(s):			
Registration/Autho	orisation Deta	ails						
1. Business/site deta			ite representa	ative?			Υ	1
2. Changes made to	details?						N]
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities		4	Facilities sto	cked	3	No facilitie	es inspected	4
Species	RTR							
Age group	2022 Q1							
No Fish	51,726							
Mean Fish Wt	169g							
Next Fallow Date (S		End of April 2	2023	Next Input Da	ite (Site)	July-Augus	st 2023	
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
Movement Records								
Movement record		r inepaction?						Y
2. Date of last inspe		Inspection:					15/09/2020	
3. Are records comp		actly entered?	,				13/03/2020	Y
4. Are movement re								Y
								Y
Are records compAre health cortified		•		-blo2				N/A
6. Are health certific	ates for introd	uctions (outw	IIII GD) avalla	ible?				IN/A
Transport Records	5							
1. Are any movemen	nts carried ou	t by (or on be	half) of the bu	isiness (not usi	ing a STB)?			N
If yes, is there a sys	tem in place f	or maintenan	ce of transpor	rtation records	?			
Mortality Records								
Mortality records	available for i	nenection?						Y
2. How are mortalities		•			Other (detail)			
If other detail:			to Increased	mortalities are	,		n collection n	oint
3. Mortality records				mortanties are	ensiled onsid	at Commo	II COllection p	VIII.
o. Wortain, 1000140	oompicto and	our our		0.06%, 30; WI	k 4.0.07%, 32	: Wk 3, 0.04	1%. 36 : Wk 2	0.24%, 127
4. Recent mortality ((last 4 wks):		; Wk 1, 0.049		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,	70, 33 , 11	., כ.= . , . ,
5. Evidence of recer		typical mortal						N
If yes, facility nos/no		• •		/reason:				
C. Arrightner poolso i	in manufality du	ring paried of						N/A
6. Any other peaks i If yes, detail:	n mortality du	ring period cri	iескеа?					IN/A
•	···acyploined)	re artalities he	an reported to	Tight on EUIO				N/A
7. Have increased (• •	nortaillies bei	en reported to) Vecor Fri?				IN//
If yes, detail action:		a arted to EUI	Olf no ontor	deteile on mor	tality ayonta al			N/A
8. Have 'mortality ev	zents been re	ported to FHI	? II no, enter o	details on mon	anty events sr	ieet.		IN/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	Y
If yes, detail: T.M.S	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 15/09/2020-06/02/2022	

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2023-0026		Site No:	FS0270		Insp:	
Date of Visit	06/02/2023		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	0	10	26	0
Species	Number of supp	ncluding third country	0		18 10	26 14	0
					ļ		
Movements off	Frequency of m		0		6	10	3
Exposure via water	Indiliber of desi	Site contacts	1		6-10		<u> </u>
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through	0				0
susceptible to same diseases)	Farm is on-line	or in a coastal zone with category I	1	2	4		
,	Farm is on-line	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
	Farm is on-line	or in a coastal zone with category V	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
and raide of the anddive	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	from zone or compartment of	4				
		from Category III farm	8	Ì			
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	te only processed.	0				
products	Common proce	esses with other farms	3				
	Collection point	t for waste from other farms	5				5
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0]			0
	Feeding unpas	teurised feed	5	1			
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing st	taff and equipment	0	1	2		1
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator	-			1			
Practices in accordance with regulator or industry	Yes		0				
code of practice	No		3				3
Platform access to cages	Yes		0				0
	No		2				
					Total		18
					Rank		MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2
Case No: 2023-0026	Site No:	FS0270
Sea Lice Inspection (Seawater Sites Only)		
Has the site experienced sea lice problem		
	equivalent) fallowed synchronously on a single	vear class basis?
3. Does the site have access to a range of lice	cenced in-feed and bath sea lice medications (in	ncluding deltamethrin,
azamethiphos and emamectin benzoate) as can these be deployed in a reasonable perio	well as access to suitable biological and/or med of time?	chanical control measures, and
4. Is there a signed documented farm management Area (or equivalent)?	gement agreement or statement relevant to the	site and CoGP Farm
5. Are sea lice count records available for ins	· · · · · · · · · · · · · · · · · · ·	
6. Do records adequately reflect the required	I standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels be records are inspected? (CoGP Annex 6)	elow the suggested criteria for treatment in the C	CoGP during the period that
8. Have average adult female sea lice (<i>L. sa.</i> 2 or above (from w/b 10/6/19) during the peri	Imonis) numbers per fish been at a level of 3 or iod that records are inspected?	above (prior to w/b 10/6/19) or
If yes, have these been reported to the Fish	Health Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level which	n is considered to cause significant welfare prob	lems? (CoGP 4.3.81, 5.3.50)
	sistered or other actions taken when <i>L. salmonis</i> elongatus is considered to have welfare implica	
11. Has any other action been taken (where	applicable)?	
12. Have therapeutic treatments or the action	ns taken had a significant impact upon the lice le	evels recorded?
13. Are treatments, where conducted, carried	d out in cooperation between participating farms	s?
14. Is there a harvesting strategy for the site, sea lice?	, where fewer populations or part populations ar	e held without treatment for
15. Is there a site specific written lice manag scenarios during the escalation of a sea lice	ement procedure with waypoints describing set infestation?	actions to deal with recognised
16. Do the sea lice levels observed on stocks	s reflect sea lice count data? If no please detail	reasons.
Containment Inspection	age due to produtore in the current or provious p	raduction evalua?
	age due to predators in the current or previous p the predation experienced on site? (Detail below	
Top nets,	the predation experienced on site: (Detail below	ı,
If other, detail below:		
If Yes proceed with questions 4 – 9. If No ski		ne last FHI inspection?
4. Have these been reported to Scottish Mini		
·	orthwith (where they exist)? (CoGP - 4.4.37, 5.	,
6. Have these been reported to the SSPO ar	nd local fisheries trusts forthwith (where they exi	st)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover esc	capees? If yes give detail	
8. If gill nets were deployed was this action a	greed with local wild fish interests and was perr	mission given by Scottish
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)		
	nimise the risk of further escapes? (Not covered	in code but could
be considered under satisfactory measured. Is the site inspected as satisfactory with	regards to containment? If no, please detail reas	son(s)

Date of issue: 12/05/2020

Case No:	2023-0026			Date of visit:	06/02/2023	3			
Site No:	FS0270	Inspector:							
Results Summary	Freq.	Date of Notification							
resource Summary		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
	1		-			_			
							-		
							_		
							_		
							-		
							_		
Report Summary	D /		- nd -						
Case Type	Date	Insp	2 nd Insp						
ECI, CNI	14/02/2023								





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0134
 Date of Visit
 06/02/2023

 Site No
 FS0270
 Site Name
 Loch Avich

 Case No
 20230026
 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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 in spected to ensure that the conditions of authorisation for your Aquaculture Production Business (APB) are being met:

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed:

Fish Health Inspector

Date: 20/02/2023

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

FHI 059, Version 13	Issu	ued by: FHI	Date of issue: 12/05/2020				
Case No: 2023-0029			Date of visit: 08/02/2023				
Time spent on site: 4	nours	Main Inspecto	r:				
Site No: FS1354 Business No: FB0125	Site Name: Business Name:	Shuna Point Scottish Sea Farms Ltd					
Case Types: 1 REP 2	DIA 3 VMD	4 5	6				
Water Temp (°C): 8.75	Thermometer No:	T307	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. Y If yes, see additional information/clinical score sheet. Y If yes, see additional information/clinical score sheet. Y							
UNI/REG only - if unable to carry	out intended visit detail rea	ason below:					

Stock origin: Barcaldine Smolt unit, Stofinfiskur

Wrasse on site, wild caught from Orkney. Mortality on site low but furunculosis was observed on site and is attributed to spikes in mortality. Wrasse mortality since input- 5124

An inspection of the site was scheduled for the 08/02/2023 following repeated weeks of increased mortality above the reporting threshold. On site, pens 3, 7 and 8 were highlighted as the pens that had the highest mortality on site. Few moribund fish were observed in the pens, but those that were seen were lethargic and moribund. White ring-shaped lesions were also observed in some fish but only two were able to be caught for sampling with such lesions. 5 fish in total were removed and sampled for diagnostic purposes; 2 fish from pen 3, 1 fish from pen 8 and 2 from pen 7.

VMD samples taken from pen 3 and pen 8. Fish sampled were observed to be in a healthy condition.

FHI 059, Version 13			Issu	ued by: FHI			Date of issu	ie: 12/05/2020
Case No:	2023-0029		Site No:	FS135	4			
Date of Visit:		08/02/202	3		Inspector(s	s):		
Registration/Autho	risation Deta	ils						
1. Business/site deta			site represent	tative?			Y	7
2. Changes made to	•						N	1
Site Details (includ	e cleaner fis	h for all sec	ctions)					
Total No facilities		8	Facilities sto	ocked	7	No faciliti	es inspected	3
Species	SAL	WRS						
Age group		Wildcaught						
No Fish	295,595	15,112						
Mean Fish Wt	1.6kg	MVG						
Next Fallow Date (S		August 202	3	Next Input D	ate (Site)	Spring 20	24	•
Recent (last 4 wks)	*	•				es (since last		N
,	CGD, AGD,				, ,	,	,	
Movement Records								
		r inapaction?	2					
 Movement record Date of last insper 		inspection:					29/06/2022	<u> </u>
·		actly antores	10				29/00/2022	
 Are records comp Are movement records 				2				<u> </u>
				•				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
5. Are records comp		•		loblo?				N/A
6. Are health certification	ates for introd	uctions (out	with Gb) avail	iable?				IN/A
Transport Records								
1. Are any movemen	nts carried out	by (or on be	ehalf) of the b	usiness (not u	sing a STB)?	•		
If yes, is there a syst	tem in place f	or maintenai	nce of transpo	ortation records	s?			
Mortality Records								
1. Mortality records a	available for ir	nspection?						Y
2. How are mortalitie		•			Incinerated	d - on site		
If other detail:	· ·							
3. Mortality records of	complete and	correctly en	tered?					Y
,	·	ĺ		, 2.63%, 3410;	WK4. 1.92%	. 5812: WK3	. 1.27%. 3893	3: Wk2.
4. Recent mortality (last 4 wks):		4.02%, 128		,	., ,	,,	, ,
5. Evidence of recer		typical morta		,				Y
If yes, facility nos/no		•		y/reason:				
Pens 3. 7 and 8 high	est mortality	over period	of increased r	nortality, with 0	CGD attribute	ed to cause of	f mortality - m	nortality
between Wk48 2022							•	•
Any other peaks in	n mortality du	ring period c	hecked?					Y
	2023 Wk1, 6	.72%, 23050	0; 2022 Wk52	2, 4.78%, 1719	5; Wk51, 7.5	7%, 29475; V	Vk50, 4.23%,	17205;
				4641; Wk42, 1				
If yes, detail:	5740, Wk 39							
7. Have increased (ι	ınexplained) r	nortalities be	een reported t	to vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been rei	ported to FH	II? If no, enter	details on mo	rtality events	sheet.		Y

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Treatments and Medicin	nas Basarda		
1. Recent treatments (se			Ť
If yes, detail:	T.M.S.		
If other, detail:			
2. Medicines records ava	ilable for inspection?		Y
3. Are records complete	and correctly entered?		Y
4. Are fish in a withdrawa	I period?		Y
5. If yes, what treatment(s)?	T.M.S.	
If other, detail:			
6. Are medicines stored a	appropriately?		Y
Biosecurity Records			
1. Biosecurity records ava	ailable for inspection?		

2. Medicines records available for inspection?		Y
3. Are records complete and correctly entered?		Y
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)? T.M.S.		
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
Biosecurity records available for inspection?		
2. Has the manner and frequency of mortality removal, recording and safe	disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Minister increased (unexplained) mortality at the site been included?	s or veterinary professional of any	
4. Has the action that will be taken in the event that the presence or suspic	ion of the presence of a listed disease	
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottis		
5. Has the health status of aquaculture animals being stocked on the farm	site been covered (equal or higher	
health status, certification if required)?		
C. Have the break and mond his account, and his account of his acc		
6. Have the husbandry and biosecurity measures implemented between eatransmission of disease been covered (movement of staff, visitors, equipm		
7. Is documentation available regarding the measures in place to maintain	· · · · · · · · · · · · · · · · · · ·	
aquaculture animals held on site?	the physical containment of	
8. Have the biosecurity procedures been adequately implemented on site?		
If no, detail:		
Results of Surveillance		
1. Has any animal health surveillance been carried out by, or on behalf of, t	the business?	Y
2. If yes, are results available for inspection?		Y
3. Any significant results?		Y
	CGD but more specifically AGD is prin	
	of issues. Winter lesions some fish but	
	spread samples are not positive. From	
	recent health screen conducted by vet	, negative

If yes, detail (if not detailed under recent disease problems). for PRV, A.salmonicida, SRS (18/01/2022).

> 29/06/2022-08/02/2023 Records checked between:

٠.	ii 059, versiori 15			_	. <u>-</u>				sucu by.				
	Case no:	2023-00)29	Site No:		FS1354			Date of Samplin		08/0	02/2023	08/0
	Priority samples:	VI		ВА		РА		MG		₉ . HI			
	Time sampling starts/ends:	10:1	1:00	11:2	0:00		Inspect	or:			VMD No).	7
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST	Y	ВА	Y	MG	Y	VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No	F1	F2	F3	F4	F5							
	Fish nos	1	2	3	4	5	6	7					
	Pool Group	P1	P2	P3	P4	P5							
	Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL					
	Average weight	1.6kg	1.6kg	1.6kg	1.6kg	1.6kg	1.6kg	1.6kg					
	Sex	N/A		N/A		N/A		N/A					
	Water Type	SW	SW	SW	SW	SW	SW	SW					
		nit	nit	ınit	nit	nit	nit	ınit					
) <u>+</u>) <u>+</u>	lt U	It U) <u>+</u>) <u>+</u>	L U					
		Smolt Unit	Smolt Unit	Smolt Unit									
			a a			S							
Details		dine (8)	Jin (8:	dine :8)	Jine (8)	dine (8)	Jine (8:	dine :8)					
)et		salc 132	32	salc 132	salc 132	salc 132	Salc 132	salc 132					
		Barcaldine (FS1328)	Barcaldine (FS1328)	Barcaldine (FS1328)	Barcaldine (FS1328)	Barcaldine ((FS1328)	Barcaldine (FS1328)	Barcaldine (FS1328)					
Stock	Facility No	3	3	8 8	<u>ш</u> =	<u>ш</u> =		8					
U)	,, ,, ,,			J		•							

Trill coo, Volcion 10											
)2/2023 Ad	02/2023 Additional Sample Information:										
5		Total Te	ests ass	igned	5						
				ŭ ,							
	_										
	=										
	_										
	- 1										
	- 1										
	- 1										
											•

FHI 059, Version 13 Issued by: FHI Date of issue: 12/05/2020 Method of killing: Percussive Case no: 2023-0029 Site No: FS1354 Inspector(s): Sheet Relevant: Y Date of visit: 08/02/2023 S for strong presence: M for medium presence: W for weak presence Fish Number Time sampled after death (if > 45 minutes) External Signs Behaviour Moribund S S S Lethargic Hanging vertical Spiralling Flashing Loss of equilibrium М М М Body Dark Distended abdomen Anorexic Scale Oedema Opercula Shortened Flared Haemorrhaging **Throat** Ventrum Base of fins Elsewhere Exophthalmic Eyes Enophthalmic (sunken) Cataract Haemorrhagic Gills W Zoned Necrotic Lesions Flank Elsewhere Vent Inflamed Trailing faeces Estimate numbers Lice Load Internal Signs **Ascites** Clear Bloody Oedema In tissues Heart Pale/anaemic Granulomas Deformed Liver Petechial haem Gross haem Tissue breakdown Enlarged 4 Colour number(s) Granulomas Lesions Petechial haem Pyloric caeca Tubules mauve Lack of fat Spleen **Enlarged** Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Haemorrhaging Swim bladder Fluid filled Kidney Swollen Grey Granular Liquefied Parasites present General

Anaemia

Case no: 2023-0029

Date of visit: 08/02/2023

Lethargic Hanging vertical	Date of visit:	08/02/2023						
Fish Number time sampled after death (if > 45 minutes)	S for strong presen	ce: M for medium presence: W for v	٨					
Time sampled after death (if -45 minutes) Behaviour Lethargic Hanging vertical Spiralling Flashing Loss of equilibrium Body Dark Distended abdomen Anoxikie Anoxikie Soziae Codema Distended abdomen Anoxikie Heemorrhaging Heemorrhaging Elsswhere Eyes Espektranis Elsswhere Eyes Espektranis Elsswhere Enophthalmic (sunken) Cataract Heemorrhagic Distended Heemorrhagic History Brishing Elsswhere Elsswhere Enophthalmic (sunken) Cataract Heemorrhagic Distended Lesions Flank Distended Lesions Flank Distended Lesions Flank Distended		inee. III for modium procence. It for	Y					
External Signs Behaviour Lothargic Hanging vertical Sprailing Flashing Loss of equilibrium Dourk Anorexic Scale Ondema Opercula Shortended abdomen Anorexic Scale Ondema Opercula Shortended Flared Hanging vertical Social Ondema Opercula Shortended Flared Hanging vertical Social Ondema Opercula Social Ondema Flared Hanging vertical Hanging vertic		er death (if > 45 minutes)						
Behaviour Moribund		(iii iii iii iii iii iii iii iii iii ii						
Hanging vertical	Behaviour	Moribund						
Spiralling Flashing Loss of equilibrium Body Dark Oistended abdomen Ancresic Scale Oodenna Opercula Flared Haemorrhaging Base of fins Elsowhere Escophthalmic (sunken) Cataraet Heemorrhagic Gills Pale Zoned Heemorrhagic Hinflamed Trailing faeces Lice Load Estimate numbers Horara Signs Backless Clear Bloody Oedenna Bloody Oedenna Bloody Oedenna Bloody Fyelchia haem Gross haem Tinsue breakdown Enlarged Coraulmans Coraulmans Color in the sunken		Lethargic						
Flashing		Hanging vertical						
Loss of equilibrium								
Dark								
Distended abdomen Anorexic Scale Codema Scale Codema Stale Codema Flared Haemorrhaging Throat Ventrum Base of fins Elsewhere Elsewhere Escephthalmic (sunken) Cataract Cataract Cataract Lesions Flank Elsewhere Flank Elsewhere Vent Inflamed Trailing facces Lice Load Estimate numbers Lice Load Estimate numbers Lice Load Issues Heart Pate/anaemic Granulomas Deformed Liver Petechial haem Tissue breakdown Enlarged Coronumber(s) Coronumber(s) Coronumber(s) Coronumber Spice Petechial haem Trailing facces Trailing facces Deformed Lice Load Estimate numbers Lice Load In sissues Lice Load In sissue	_							
Anorexic Scale Codema Decrease Scale Codema Decrease D	Body							
Scale Oedema Scale Oedema Shortened								
Opercula Shortened								
Flared	Opercula	•						
Haemorrhaging	Орегсија							
Ventrum	Haemorrhaging							
Elsewhere								-
Elsewhere		Base of fins						
Enophthalmic (sunken)		Elsewhere						
Cataract	Eyes	•						
Haemorrhagic								
Pale								
Zoned								
Necrotic	Gills							
Lesions								
Elsewhere	Lesions							
Vent Inflamed Inflamed <td< td=""><td>Lesions</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Lesions							
Trailing faeces	Vent							
Lice Load								
Ascites Clear	Lice Load							
Ascites Clear								
Bloody	Internal Signs							
Intissues	Ascites							
Heart	0 1							
Granulomas								
Deformed	Heart							
Liver								
Gross haem	l iver							
Enlarged	2.70.							
Enlarged								
Colour number(s) Granulomas Lesions Pyloric caeca Petechial haem Tubules mauve Lack of fat Spleen Enlarged Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Swollen Granular Liquefied General Parasites present Anaemia								
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 Swim bladder Haemorrhaging Fluid filled Kidney Grey Granular Liquefied General Anaemia		Colour number(s)						
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 Swim bladder Haemorrhaging Fluid filled Kidney Grey Granular Liquefied General Parasites present Anaemia								
Lack of fat Spleen Enlarged Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Granular Liquefied General Parasites present Anaemia	Pyloric caeca							
Spleen Enlarged								
Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Grey Granular Liquefied General Parasites present Anaemia	Snlear							
Gut No food present	Spiceil							
Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Grey Granular Liquefied General Parasites present Anaemia	Gut							
External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Grey Granular Liquefied General Parasites present Anaemia								
Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Swollen Grey Granular Liquefied General Parasites present Anaemia								
Swim bladder Haemorrhaging								
Fluid filled Kidney Swollen Grey Granular Liquefied General Parasites present Anaemia	Body wall							
Kidney Swollen	Swim bladder							
Grey Granular Liquefied General Parasites present Anaemia								
Granular Liquefied General Parasites present Anaemia	Kidney							
Liquefied Seneral Parasites present Sanaemia San								
General Parasites present Anaemia								
Anaemia	Conoral							
	General							
2002 0000 Clinical Coars Chast	2022 0020	Динасина						

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/20
Additional comments:		
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		l

Site No: FS1354

Case No: 2023-0029

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

Case No: 2023-0029 Date of visit: 08/02/2023 Site No: FS1354 Inspector: Results Summary Freq. Date of Notification Writing 2nd Insp Database Insp Phone Insp Insp AGDQ 3/5 13/02/2023 15/02/2023 10/03/2023 IHNP 0/5 13/02/2023 10/03/2023 15/02/2023 **IPNM** 3/5 10/03/2023 13/02/2023 15/02/2023 ISAQ 10/03/2023 0/5 13/02/2023 15/02/2023 10/03/2023 **PNST** 5/5 13/02/2023 15/02/2023 10/03/2023 **PMVP** 0/5 15/02/2023 13/02/2023 SPVP 5/5 13/02/2023 15/02/2023 10/03/2023 SALP 10/03/2023 0/5 13/02/2023 15/02/2023 0/5 10/03/2023 VHSP 13/02/2023 15/02/2023 5/5 10/03/2023 AMGD 24/02/2023 24/02/2023 24/02/2023 CGDH 3/5 24/02/2023 10/03/2023 10/03/2023 2/5 **EPIT** 24/02/2023 24/02/2023 2/5 10/03/2023 SULC 24/02/2023 24/02/2023 **PMCH** 1/5 10/03/2023 24/02/2023 24/02/2023 10/03/2023 VSPE (Isolate A) 3/5 07/03/2023 07/03/2023 10/03/2023 VSPE (Isolate B) 3/5 07/03/2023 07/03/2023 10/03/2023 VSPE (Isolate C) 3/5 07/03/2023 07/03/2023 Report Summary Case Type Date Insp 2nd Insp DIAG, REP 07/03/2023 VMD 07/03/2023





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0125
 Date of Visit
 08/02/2023

 Site No
 FS1354
 Site Name
 Shuna Point

 Case No
 20230029
 Inspector

Section 1: Summary

The above site was inspected following reports of increased mortality by the farm operator. During the physical inspection of three pens, five fish were removed for diagnostic sampling.

Histopathology examination revealed mild, multifocal, hyperplasic branchitis. Epitheliocystis (likely *Ca.* Branchiomonas cysticola) and amoebic gill disease (AGD) were also observed. *Neoparamoeba perurans* (the causative agent of AGD) was confirmed in three tested fish by qPCR. Salmon gill poxvirus and *Paranucleospora theridion* were confirmed in all five tested fish by qPCR. Two fish displayed ulcerative dermatitis with presence of mixed Gram-negative bacteria. Mild, multifocal hepatocellular necrosis and necrotizing splenitis and some evidence of dehydration was also observed.

Three fish tested positive for infectious pancreatic necrosis virus (IPNV) by qPCR. No histopathological changes associated with infectious pancreatic necrosis (IPN) were observed.

Three *Vibrio* spp. isolates were also isolated but the level and purity of growth did not suggest they would be implicated in morbidity of the fish sampled.

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

Following reports of increased mortality above the reporting threshold, a site inspection was conducted. The three pens with the highest observed mortality were inspected and around 3-4 fish were observed around the sides of each pen. All fish removed for sampling were lethargic and moribund. In addition, some fish were noted to have white circular skin lesions on the flanks.

No lice were observed on the fish sampled. Gill condition of fish removed for sampling showed some pale gills with few white lesions observed on the tips. Open skin lesions were observed in F1 and F2 and sampled. Internally, all fish possessed yellow pseudofaeces present in the hind gut. Petechial haemorrhaging was also observed on F2 and F4.

Samples

Samples were collected from F1-F5 fish according to the table below:

Fish number	Facility number	Species	Stage	Origin
1-2	3	Atlantic Salmon	1.6kg 2022 Q1	Barcaldine Smolt Unit (FS1328)
3	8	Atlantic Salmon	1.6kg 2022 Q1	Barcaldine Smolt Unit (FS1328)
4-5	7	Atlantic Salmon	1.6kg 2022 Q1	Barcaldine Smolt Unit (FS1328)

Results

Bacteriology: Kidney and gill material from F1 to F5 were inoculated onto appropriate media for the isolation of bacteria. In addition, lesion material from F1 and F2 was inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated:

- Vibrio spp.:
 - o Isolate A: F1 & F2 (Kidney, Lesion);F4 (Kidney)
 - o Isolate B: F1 & F2 (Kidney, Lesion, Gill);F4 (Kidney)
 - o Isolate C: F1 (Kidney);F2 (Kidney, Lesion)

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

Infectious pancreatic necrosis virus (IPNV)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	15.66	37.08	35.67	35.47	POSITIVE
F2	15.60	21.00	21.13	21.14	POSITIVE
F3	16.31	35.07	34.69	34.95	POSITIVE
F4	-	-	-	-	Negative
F5	-	-	-	-	Negative

Salmon gill poxvirus (SGPV)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	23.26	26.30	26.50	26.52	POSITIVE
F2	23.15	26.83	27.01	26.83	POSITIVE
F3	22.71	27.68	27.70	27.78	POSITIVE
F4	22.66	26.91	26.97	26.89	POSITIVE
F5	22.58	31.94	31.82	31.94	POSITIVE

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

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

Neoparamoeba perurans (AGD)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	23.26	34.61	34.93	34.89	POSITIVE
F2	-	-	-	-	Negative
F3	-	-	-	-	Negative
F4	22.66	35.47	35.78	35.81	POSITIVE
F5	22.58	35.55	36.59	35.92	POSITIVE

Paranucleospora theridion

Tarandoloospora thendion							
Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)		
F1	23.26	26.82	26.81	26.91	POSITIVE		
F2	23.15	27.70	27.76	27.81	POSITIVE		
F3	22.71	30.57	30.80	30.59	POSITIVE		
F4	22.66	28.61	28.65	28.72	POSITIVE		
F5	22.58	29.98	29.84	29.80	POSITIVE		

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

Histopathological examination revealed the following:

Gill: Lamellar hyperplasia and fusion, mild to moderate, multifocal to diffuse (F1-F5) and F5 also displayed foci of lamellar necrosis with mixed Gram-negative bacteria associated. F2 also displayed filament branchitis, chronic, mild, focal. Several basophilic epithelial inclusions (likely epitheliocystis) observed in F1 and to a lesser extension in F3 and occasional amoeboid cells resembling Neoparamoeba perurans and occasional Costia-like parasites observed in F1. Lamellar telangiectasia with multifocal thrombosis and free blood among gill filaments (F3-F5). Autolysis artefact were also observed.

Skin & Muscle: F1 & F2 lesion: Absence of the epidermis, oedema of dermis and a layer of mixed Gram-negative bacteria at the dermal outer layer and within dermis (F1 & F2), mild some inflammatory cell infiltrated (F2), foci haemorrhage on the dermis and hypodermis, Gram-negative mixed bacteria present on the dermal layer.

Heart: Very minimal area of fibre degeneration (F1), foci of cellular degeneration, mild (ventride) (F4), Mild pericarditis (F4). R09

UKAS accredited testing laboratory No. 1964 Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB

Tel - 0131 244 3498 Fax - 0131 244 0944 Email - ms.fishhealth@gov.scot

Website - www.gov.scot/Topics/marine/science

Gut and pyloric caeca: Very mild peritonitis F5.

Pancreas: Within the normal range.

Liver: Hepatocellular necrosis, mild, multifocal (F1, F2), foci of sinusoidal haemorrhage (F3, F5) some foci hepatocellular vacuolation (macrovisicules), multifocal (F1).

Kidney: Increased number of melanomacrophages (F1, F3, F5), some shrunken glomeruli (F1) and some amorphous pink material within the glomeruli vessels (F1).

Spleen: Necrotizing splenitis (F1), some peritonitis (F2).

Brain: Not sampled.

Eye: Not sampled.



Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

Date: 07/03/2023





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0125
 Date of Visit
 08/02/2023

 Site No
 FS1354
 Site Name
 Shuna Point

 Case No
 20230029
 Inspector

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

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

Samples were taken to be analysed for veterinary residues.

In addition, samples were taken for diagnostic purposes. A separate report will be issued detailing the results of these tests.

Records

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

Medicine records were inspected and found to be adequately maintained.

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

Mortality records were inspected and found to be adequately maintained.

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



Signed:

Fish Health Inspector

Date: 07/03/2023

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

Diagnostic Sampling photos - 20230029:



Figure 1 Overview picture of a) fish 1, b) fish 2 and c) fish 3.

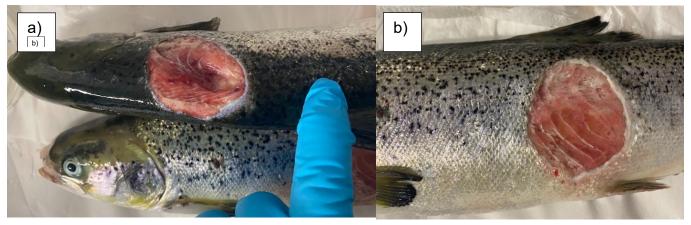


Figure 2 Pictures of lesions on a) Fish 1 and b) fish 3.

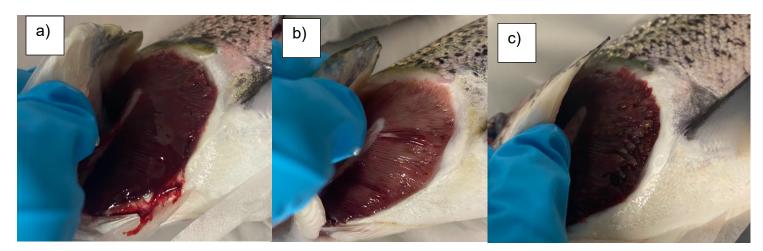


Figure 3 Pictures of gills from a) fish 1, b) fish 2 and c) fish 3.



Figure 4 Internal view of Fish 1



Figure 4 Internal view of Fish 2. Haemorrhaging on the liver can be observed.



Figure 6 Overview picture of a) fish 4 and b) fish 5.



Figure 7 Internal view of Fish 4, post sampling.



Figure 8 Internal view of Fish 5. Insert picture depicts haemorrhaging on liver.

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2023-0032			Date of visit: 07/02/2023			
Time spent on site: 4h		Main Inspe	ctor:			
Site No: fs1198 Business No: FB0095	Site Name: Business Name:	South Cava Cooke Aquaculture Scotlan	d Ltd			
Case Types: 1 ECI 2	CNI 3 SLI	4 VMD 5	6			
Water Temp (°C): 8	Thermometer No:	T173	FHI 045 completed			
Observations:	Region: OR	Water type: S	CoGP MA: O-3			
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Y If yes, see additional information/clinical score some service of the second second service of the second service of the second service of the second second service of the second second service of the second second second service of the second sec						
Diagnostic samples taken?						
UNI/REG only - if unable to carry	out intended visit deta	il reason below:				

Rumbling mortalities recorded through wk 44 2021 to wk 11 2022 all below reporting threshold, recorded as 'other' (poor doers), heart disease (CMS) and also IPN, well below reporting thresholds. 2022 wk 18 1737 (0.77%) recorded as heart disease (CMS)

peaks in 2022, wk 40 1.69% (8676) CMS, gill health, plankton/jellyfish, environmental. wk41 2.24% (11347) gill health, CMS. Wk 43 1.43% (7030) CMS, gill health and jellyfish/plankton, wk 45 1.61% (7741) CMS, gill health and jellyfish/plankton, wk 48 2.61% (12211) CMS, gill health and jellyfish/plankton, wk 49 2.14% (9770) CMS, gill health and jellyfish/plankton, wk 52 1.38% (6089) CMS, gill health.

Peaks 2023 wk 2 1.73% (7505) CMS, gill health, Wk 3 1.01%(4177) CMS, gill health.

Targeted harvesting is ongoing at the site to reduce biomass on the CMS effected cages. CMS affected stock specific to fish from Shin.

AGD FW treatment on 24/11/2022 all pens treated by 4/12/2022

Hydrolicer treatment planned

Some runts observed in each cage, two fish observed with rubbing likely the result of being crowded for harvest. Strong feeding response in pens sampled for VMD with fish sampled in good condition with zero lice burden.

1111 000, Version 10						issued by. I ill								
	Case no:	2023-0	032	Site No	:	fs1198			Date of v		07/0	02/2023	07/0	
	Priority samples:	VI		ВА		PA		MG	Sampling	g. HI				
	Time sampling starts/ends:	12:0	00:00	13:0	00:00	1	Inspecto	or:			VMD No	o.	21	
	Environmental conditions:	1	Dry	2	Cloudy	3	Sunny	4		5				
	Summary samples	HIST		ВА		MG		VI		РА		Total Sa	amples	
A	dd Fish/Pools - click													
	Pool/Fish No													
	Fish nos	1	2	3										
	Pool Group													
	Species	SAL	SAL	SAL										
	Average weight	3kg	3kg	3kg										
	Sex	N/A	N/A	N/A										
	Water Type	SW	SW	SW										
,,		+		+										
Details		es.	es	,es										
et E		≥		<u> </u>										
		Fara West	Fara West	Fara West										
Stock	Stock Origin													
S.	Facility No	6	8	4										

_												
Addition	nal Sam	ple Infor	mation:									
]	Total To	ests ass	igned	0								
	L				Additional Sample Information: Total Tests assigned O			Additional Sample Information:				

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	ie: 12/05/2020
Case No:	2023-0032		Site No:	fs1198				
Date of Visit:		07/02/2023]		Inspector(s)	:		
Registration/Autho	risation Deta	nils						
1. Business/site deta	ails summary	checked by s	ite representa	ative?			Υ	7
Changes made to	details?						Υ]
Site Details (includ	e cleaner fis	h for all sect	ions)					
Total No facilities		16	Facilities sto	cked	13	No facilitie	es inspected	16
Species	SAL						T '	
Age group	2021 s0s							
No Fish	148,848							
Mean Fish Wt	4.2kg							
Next Fallow Date (S		June 2023		Next Input Da	te (Site)	August 20	23	
Recent (last 4 wks)	•			•	Any escapes			N
If yes, detail:	CMS and AC				, , , , , , ,	(,	
Movement Records 1. Movement records 2. Date of last inspe 3. Are records comp 4. Are movement re 5. Are records comp 6. Are health certific Transport Records 1. Are any movement If yes, is there a sys Mortality Records 1. Mortality records	s available for ction: blete and corre cords available blete and corre ates for introd ints carried out tem in place for	ectly entered? le for dead fisectly entered? luctions (outwent t by (or on beor maintenan	h and waste? vith GB) availa	able? siness (not usi tation records	?		21/01/2020	Y Y Y N/A
2. How are mortalities	es disposed o	f?			Other (detai	l)		
If other detail:	Pelagia,							
3. Mortality records	complete and	correctly ente	ered?					Y
4. Recent mortality (last 4 wks)·		•	l.73%), wk 3 4 ⁻ health and CM	•	wk 4 2190 (0.56%) and v	vk 5 3395
5. Evidence of recer	•	tvpical mortal						Y
If yes, facility nos/no		• •		/reason:				
as above	· · ·							
6. Any other peaks i	n mortality du	ring period ch	necked?					Y
	see additiona	<u> </u>						
7. Have increased (vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	ality events s	heet.		Y

Treatments and Medicines Records	
1. Recent treatments (see comment)?	Y
If yes, detail: TMS	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	Y
If yes, detail (if not detailed under recent disease problems). AGD/gill health and CMS	
Records checked between: 21/01/2020 to 2/2/2023	

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2023-0032		Site No:	fs1198		Insp:	
Date of Visit	07/02/2023		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
- CP - CO - CP - CP - CP - CP - CP - CP	Number of supp	ocluding third country	0			14	
Mayamanta aff			1 0			10	
Movements off	Frequency of m		0			10	0
Exposure via water		Site contacts	5 0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through porehole)	0				
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		4
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro		0				
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2	1			
	Processing fish equivalent statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0	1			
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	T 0	1			0
, , , , , , , , , , , , , , , , , , ,	Feeding unpas	•	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing st	aff and equipment	0	1	2		1
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				O
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2]			
					Total Rank		10 LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0032	Site No:	1198
3. Does the site have access to a range of lice	quivalent) fallowed synchronously on a single year enced in-feed and bath sea lice medications (inclu- well as access to suitable biological and/or mechal	ding deltamethrin,
	ement agreement or statement relevant to the site	and CoGP Farm
5. Are sea lice count records available for insp	pection? (Legal SSI, CoGP Annex 6) standard specified in the SSI and the CoGP? (Leg	al SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels belerecords are inspected? (CoGP Annex 6)	ow the suggested criteria for treatment in the CoG	P during the period that N
3. Have average adult female sea lice (<i>L. saln</i> 2 or above (from w/b 10/6/19) during the perio	nonis) numbers per fish been at a level of 3 or about that records are inspected?	ove (prior to w/b 10/6/19) or Y
If yes, have these been reported to the Fish H 9. Is <i>C. elongatus</i> infestation at a level which	ealth Inspectorate? If no, FHI see comment. is considered to cause significant welfare problem	s? (CoGP 4.3.81, 5.3.50)
	stered or other actions taken when <i>L. salmonis lev</i> longatus is considered to have welfare implication	
13. Are treatments, where conducted, carried	pplicable)? s taken had a significant impact upon the lice level out in cooperation between participating farms? where fewer populations or part populations are he	Y
15. Is there a site specific written lice manage scenarios during the escalation of a sea lice in	ment procedure with waypoints describing set acti	ons to deal with recognised Y
16. Do the sea lice levels observed on stocks	reflect sea lice count data? If no please detail reas	sons. Y
	ne due to predators in the current or previous produce predation experienced on site? (Detail below) sapphire nets	uction cycles? N Y
3. Have escape incidents or events been exp	erienced on or in the vicinity of the site since the la	ast FHI inspection?
•		
7. Were methods (if any) used to recover esca	apees? If yes give detail	
Ministers? (Legal, CoGP – 4.4.38, 5.4.18) 9. What action was taken to prevent and minir be considered under satisfactory measur	reed with local wild fish interests and was permiss mise the risk of further escapes? (Not covered in ces of the Act) egards to containment? If no, please detail reason(ode but could

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0032	Site No: fs1198	
Date of Visit: 07/02/2023	Inspector:	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Y
If N, no further questions require compl	letion.	
Points of Compliance for Both Farm	Management Agreements and Stateme	nts
-	reement or statement (FMAg/S) been prep	
3. Is the current FMAg/S available for ir		Y
4. Does the FMAg/S identify the relevar	nt farm management area?	Υ
5. Does the FMAg/S identify the fish far	rm site(s) to which it applies?	Υ
6. Does the FMAg/S identify the date of	f commencement of the agreement or state	ement? Y
7. Does the FMAg/S identify the date of	f review?	Y
Arrangements for Fish Health Manag	gement	
8. Does the FMAg/S identify the minimufarm?	um health standards for the stocks to be in	troduced to the area or Y
9. Does the FMAg/S identify the vaccina	ation requirements for stocks held in the a	rea or farm?
10. Does the FMAg/S identify the speci-	ies of fish which may be stocked into the a	rea or farm?
11. Does the FMAg/S identify the maxir individual farm?	mum stocking density of any pen on any fa	rm in the area or the
12. Does the FMAg/S identify the arrange fish farm in the area or the individual factors.	gements for the storage and disposal of ar arm?	ny dead fish from any
Arrangements for The Management of	of Sea Lice	
13. Does the FMAg/S identify arrangem	nents for the sharing of data on sea lice nu	mbers and treatments?
14. Does the FMAg/S identify the availa	ability and the use of medicines on farms c	overed by the agreement Y
15. Does the FMAg/S identify any requi	irements for the sensitivity testing of availa	ble treatments for sea
lice on farms in the area or individual fa		
16. Does the FMAg/S identify the circur used on farms in the area or individual f	mstances under which biological controls a farms?	and cleaner fish are to be Y Arms within the area?
17. Does the FMAg/S identify the arrange	gements for synchronous treatments on fa	arms within the area?
Live Fish Movements		
18. Does the FMAg/S identify the circur area or farm?	mstances when live fish may be introduced	
	gements for the movement of live fish on a	and off sites in the area

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable	e harvest practices on farms in the area or indiv	idual farms?
date when a farm or area may be restoc		
agreement or statement?	ne or more year classes may be stocked onto s	
23. Does the FMAg/S identify whether be covered by the agreement or statement?	roodstock or potential broodstock are to be kept ?	t on any site
Point of Compliance for Farm Manage 24. Does the farm management agreem parties to the agreement?	ement Agreements Only ent include arrangements for persons to becom	ne, or cease to be,
Management and operation 25. Is the fish farm being managed and a 26. What is the version no/date of issue	operated in accordance with the agreement or so of the FMAg/S? 20/09/2021	statement? Y

0 11		-						
Case No:	2023-0032	J		Date of vi	sit: 07/02/20	023		
Site No:	fs1198	1		Inspect	tor:			
		_						
Results Summary	Freq.				Date of Noti			
		Database	e Insp	Phone	Insp	Writing	Insp	2 nd Insp
							_	
	+						_	
	+							
	1							
	+							
	1							
							_	
	+						_	
		<u> </u>						
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, SLI, VMD	16/02/2023							
	+							
	+							





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0095
 Date of Visit
 07/02/2023

 Site No
 FS1198
 Site Name
 South Cava

 Case No
 20230032
 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

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.



Date: 15/02/2023

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

FHI 059, Version 13		Issued by: FHI	Da	te of issue: 12/05/2020
Case No: 2023-0034			Date of vis	sit: 08/02/2023
Time spent on site:	า	Ma	ain Inspector:	
Site No: FS0597 Business No: FB0095	Site Name: Business Name:	Meil Bay Cooke Aquaculture	Scotland Ltd	
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD 5	6	
Water Temp (°C): 6.9	Thermometer No:	T173	FHI 045 co	ompleted
Observations:	Region: OR	Water type:	S CoGP I	MA: O-2
Dead/weak/abnormally behaving	fish present?	n If yes, see add	litional information/clinic	cal score sheet.
Clinical signs of disease observed	d?	n If yes, see add	litional information/clinic	cal score sheet.
Gross pathology observed?		n If yes, see add	litional information/clinic	cal score sheet.
Diagnostic samples taken?		n		
UNI/REG only - if unable to carry	out intended visit detai	il reason below:		

Additional Case Information:

Peaks in mortality 2022 wk 44 44781 (7.73%) wk 45 19302 (3.61%) mainly gill health issues (AGD). Wk 50 6806 1.89% attributed to sea lice (Salmosan) and gill health (AGD). 2023 wk 03 4797 (1.38%) recorded as predator/other (Post treatment morts being eaten by seals likely some gill health related morts).

All morts from Cooke transferred to Kirkwall shorebase, then transferred to Dounby (near Kirkwall) for bulk uplift to Shetland.

Salmosan administered 10,11 and 12th December 2022. No other medicinal treatments administered.

Gill health is under control. Fish may be transferred to Bay of Vady and treat on route.

Inspection of site limited due to high winds. No pens were walked round on safety grounds but seven pens were inspected from the work boat and three from the walkway when moored to collect samples for VMD. Good feeding response to feed. Three fish were removed for VMD and were in good physical condition, no clinical signs of disease or gross pathology observed. Two leps observed.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	e: 12/05/2020
Case No:	2023-0034		Site No:	FS0597				
Date of Visit:		08/02/2023			Inspector(s):			ı
Registration/Autho	orisation Deta	ıils						_
1. Business/site deta	ails summary	checked by s	ite representa	ative?			Υ	
2. Changes made to	details?						N]
Site Details (includ	le cleaner fis	n for all sect	ions)					
Total No facilities		10	Facilities sto	cked	10	No facilitie	s inspected	10
Species	SAL							
Age group	2022s1's							
No Fish	340,652							
Mean Fish Wt	1.8kg							
Next Fallow Date (S	ite)	September 2	2023	Next Input Da	ate (Site)	April 2024		
Recent (last 4 wks)	disease proble	ems?		Y	Any escapes	(since last	visit)?	N
If yes, detail:	Gill health,							
Movement Records	s							
Movement record		r inspection?						У
2. Date of last inspe							24/08/2021	
3. Are records comp		ectly entered?	,				2 1, 30, 232	У
4. Are movement re		•						Ý
5. Are records comp								Y
6. Are health certific		•		able?				N/A
Transport Records								
1. Are any movemen		by (or on be	half) of the bu	isiness (not us	ing a STB)?			N
If yes, is there a sys					-			
Mortality Records								
Mortality records :	available for in	repection?						Y
2. How are mortalities		•			Other (detail)			
	Pelagia Bres				Other (dotail)			
3. Mortality records			ered?					Y
5. Mortality records	complete and	Correctly erite		0,36%), wk 3 4	707 (1 38%) 1	wk 2 705 (0	220/) wk 1.2	242 (0.67%)
4. Recent mortality ((last 4 wks).		•	other and pred	,	VK Z 195 (0.	.23/0), WK 1 Z	.343 (0.07 /6)
5. Evidence of recer	` ,	typical mortal		Other and prod	iator.			Y
If yes, facility nos/no		• •		/roseon:				
see additional inform		raciiity/110 3to	ck per racinty	reason.				
6. Any other peaks i		ring period ch	necked?					Y
If yes, detail:	see additiona	• .						
7. Have increased (yet or FHI2				N/A
If yes, detail action:		nortanties set	en reported to	7 VOC 01 1 1111:				,, .
8. Have 'mortality ev	vents' been re	oorted to FHI	? If no, enter	details on mort	tality events sh	eet.		Y
	0	, o	,					

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Treatments and Medicines Records 1. Recent treatments (see comment)?		Y
If yes, detail: TMS		
If other, detail:		
2. Medicines records available for inspection?		Y
3. Are records complete and correctly entered?		Y
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?	TMS	
If other, detail:		
6. Are medicines stored appropriately?		Υ

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

24/8/2021 to 2/2/2023 Records checked between:

FHI 059, Version 13						ISSUED BY: FHI							
	Case no:	2023-00)34	Site No:		FS0597			Date of vi		08/0	02/2023	08/0
	Priority samples:	VI		ВА		РА		MG	Sampling	: НІ			
	Time sampling starts/ends:		0:00		0:00		Inspecto				VMD No). [14
	Environmental conditions:	1	Windy	2	Cloudy	3	Sunny	4	_	5			
	Summary samples	HIST		ВА		MG		VI		РА		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1	2	3									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	3kg	3kg	3kg									
	Sex	N/A	N/A	N/A									
	Water Type	SW	SW	SW									
Stock Details	Stock Origin Facility No	Haweswater	Haweswater	Maweswater									
S.	I acility NO	5	4	2									

FILOSS, VEISION 13							issued by. Frii							
02/2023 Additional Sample Information:														
0	Total T	ests ass	ianad	0	1									
	TULAI T	colo a55	igneu	U										
				1	l	l						1		

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2023-0034		Site No:	FS0597		Insp:	
Date of Visit	08/02/2023		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	0	10	26	0
	Number of supp	ncluding third country	0		18 10	26 14	0
h				-	ļ		40
Movements off	Frequency of m		0		6	10 10	10
Exposure via water	rumber of desi	Site contacts			6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through	0				
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		2
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro		0				
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	from zone or compartment of us	4				
		from Category III farm	8				
	Processing fish	10					
Disposal of fish and fish by-	Site's own wast	te only processed.	0				
products	Common proce	sses with other farms	3				3
	Collection point	t 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	3 1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing st	taff and equipment	0	1	2		
Disinfection of equipment	Yes		Ιο	1			0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total Rank		20 MEDIUM

FHI 059, Version 13	Issued b	y: FHI	Date of issue: 12/05/2020
Case No: 2023-0034		Site No:	FS0597
Sea Lice Inspection (Seawater Site 1. Has the site experienced sea lice 2. Is the CoGP Farm Management A 3. Does the site have access to a rate azamethiphos and emamectin benze	problems in the previous 4 years? Area (or equivalent) fallowed synchinge of licenced in-feed and bath se	ea lice medications (inc	cluding deltamethrin,
can these be deployed in a reasonal 4. Is there a signed documented farr		ment relevant to the si	ite and CoGP Farm
Management Area (or equivalent)?			ne and coor i ann
Are sea lice count records availab Do records adequately reflect the	· · · · · · · · · · · · · · · · · · ·	·	egal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record records are inspected? (CoGP Anno		for treatment in the Co	pGP during the period that N
8. Have average adult female sea lic 2 or above (from w/b 10/6/19) during			above (prior to w/b 10/6/19) or Y
If yes, have these been reported to t 9. Is <i>C. elongatus</i> infestation at a lev	·		ems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments bee suggested criteria for treatment or w			
11. Has any other action been taken 12. Have therapeutic treatments or t 13. Are treatments, where conducted 14. Is there a harvesting strategy for sea lice?	he actions taken had a significant i d, carried out in cooperation betwee	en participating farms?	Y
15. Is there a site specific written lice scenarios during the escalation of a		points describing set a	actions to deal with recognised Y
16. Do the sea lice levels observed of	on stocks reflect sea lice count data	a? If no please detail re	easons. Y
Containment Inspection 1. Has the site experienced equipme 2. Are measures in place to mitigate Top nets Sinker tube If other, detail below:	against the predation experienced	•	
3. Have escape incidents or events If Yes proceed with questions 4 – 9. 4. Have these been reported to Scot 5. Have these been reported to local 6. Have these been reported to the S	If No skip to question 10 tish Ministers? I DSFB forthwith (where they exist)	? (CoGP – 4.4.37, 5.4	.17)
7. Were methods (if any) used to rec	cover escapees? If yes give detail		
8. If gill nets were deployed was this Ministers? (Legal, CoGP – 4.4.38, 5.9. What action was taken to prevent be considered under satisfactory 10. Is the site inspected as satisfactory	.4.18) and minimise the risk of further esome assures of the Act)	capes? (Not covered in	n code but could

FHI 059, Version 13		Issued by: FHI	Date	of issue: 12/05/2020
Case No: 2023-0034	Site No:	FS0597		
Date of Visit: 08/02/	2023 Ins	spector:	1	
Point of Compliance				
1. Is the farm under inspection loca	ated within a farm m	nanagement area?		У
If N, no further questions require co	ompletion.			-
Points of Compliance for Both F 2. Has a current farm managemen 3. Is the current FMAg/S available 4. Does the FMAg/S identify the re 5. Does the FMAg/S identify the fis 6. Does the FMAg/S identify the da 7. Does the FMAg/S identify the da Arrangements for Fish Health Ma 8. Does the FMAg/S identify the material form? 9. Does the FMAg/S identify the va 10. Does the FMAg/S identify the va 11. Does the FMAg/S identify the material form individual farm? 12. Does the FMAg/S identify the affish farm in the area or the individual	t agreement or state for inspection? levant farm manage in farm site(s) to whote of commencement in the of review? anagement in imum health stand coination requirement in pecies of fish which maximum stocking our anagements for the interpretation of the interpretation in the interpret	ement (FMAg/S) been pre ement area? lich it applies? ent of the agreement or standards for the stocks to be it ents for stocks held in the addensity of any pen on any f	pared? atement? introduced to the area or area or farm? area or farm? farm in the area or the	y y y y y y y y y
Arrangements for The Managem 13. Does the FMAg/S identify arrar	ent of Sea Lice	aring of data on sea lice n	umbers and treatments?	V
14. Does the FMAg/S identify the a of statement? 15. Does the FMAg/S identify any lice on farms in the area or individu	vailability and the urequirements for the later for the la	se of medicines on farms e sensitivity testing of avail	covered by the agreement	У
Does the FMAg/S identify the cused on farms in the area or individual		r which biological controls	and cleaner fish are to be	У
17. Does the FMAg/S identify the a	rrangements for sy	nchronous treatments on t	farms within the area?	У
Live Fish Movements 18. Does the FMAg/S identify the carea or farm? 19. Does the FMAg/S identify the a		·		у
or individual farms?	mangements for the	e movement of live lish off	and on sites in the area	У

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable	harvest practices on farms in the area or indivi	idual farms?
Fallowing 21. Does the FMAg/S identify the dates b date when a farm or area may be restock	by which the area or individual farm will be fallow ced?	w and the earliest y
22. Does the FMAg/S identify whether on agreement or statement?	e or more year classes may be stocked onto s	ites covered by the y
•	oodstock or potential broodstock are to be kept	t on any site y
Point of Compliance for Farm Manage 24. Does the farm management agreeme parties to the agreement?	ment Agreements Only ent include arrangements for persons to becom	ne, or cease to be,
Management and operation 25. Is the fish farm being managed and o 26. What is the version no/date of issue of	operated in accordance with the agreement or solution of the FMAg/S? 20/09/2021	statement? y

Site No: FS0597

Case No: 2023-0034

Nature of non-compliance:

Action taken (FHI):

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

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Case No:	2023-0034	J		Date of vi	sit: 08/02/20	023							
Site No:	FS0597	7		Inspect	tor:								
		_											
Results Summary	Freq.	Databas	o Inon	Phone	Date of Noti		lnon	and .					
		Databas	e Insp	Priorie	Insp	Writing	Insp	2 nd Insp					
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Report Summary													
Case Type	Date	Insp	2 nd Insp										
ECI,CNI, SLI, VMD	16/02/2023												
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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0095
 Date of Visit
 08/02/2023

 Site No
 FS0597
 Site Name
 Meil Bay

 Case No
 20230034
 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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.

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

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

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

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



The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at https://www.gov.scot/publications/fish-health-inspectorate-service-charter/

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020						
Case No: 2023-0035			Date of visit: 20/02/2023						
Time spent on site:	30 mins	Main Inspecto	or:						
Site No: FS1218 Business No: FB0538	Site Name: Business Name:	Callop Fish Rearing Site Broadland Properties Ltd							
Case Types: 1 REG	2 3	4 5	6						
Water Temp (°C):	Thermometer No:		FHI 045 completed N/A						
Observations:	Region: HI	Water type: F	CoGP MA						
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet.									
UNI/REG only - if unable to carry out intended visit detail reason below:									

Additional Case Information:

Site fallow since 2014 and no movement records available for inspection. Paperwork completed to inactivate the site prior to visit. Inspection required to confirm fallow.

6 tanks inspected as fallow, overgrown and disconnected. Water in 5 of the tanks which is thought to be rain water.

Case No:	2023-0035	l		Date of visit:	20/02/2023						
Site No:	FS1218	1		Inoncetor							
Site No.	F31216	J		Inspector:							
Results Summary	Freq.			Date of Notification							
,	· '	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
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Report Summary		-		l							
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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0538 Date of Visit 20/02/2023

SITE NO FS1218 SITE NAME Callop Fish Rearing Site

CASE NO 20230035 INSPECTOR

The above site was inspected in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

On this occasion, the site was found to be fallow. An authorisation amendment form had been completed prior to the visit. The site will be recorded as inactive on our database. Should you wish to use the site in the future please inform the fish health inspectorate prior to restocking.

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: 28/02/2023