FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0369			Date of visit: 01/09/2022
Time spent on site:	0 minutes	Main Ins	pector:
Site No: SS0927 Business No: SB0552	Site Name: Business Name:	Corgrain Point Beauly Firth Oysters	
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		N If yes, see additional	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail	l reason below:	

Additional Case Information:

Stock in some bags or in Ortak cages lying on the seabed in a state of disrepair.

Not sold any yet - saleable size just as covid struck.

Plans to use floating longlines in the future.

Although owner has not been to site regularly in the last year, he estimates mortalities of 2.5% since input.

Water temperature could not be taken as the tide was far out and site was extremely muddy, difficult to access.

Site was in a state of neglect - mud/sand and seaweed covered many bags so could not be examined. Owner hasn't done much since covid due to restrictions.

No mortalities have been observed on site since the last inspection.

Site inspection and paperwork carried out by , supervised by

FHI 059, Version 13			Issu	ued by: FHI			Date of issu	ue: 12/05/2020
Case No:	2022-0369		Site No:	SS0927				
Date of Visit:		01/09/2022	2		Inspector(s):			
Registration/Autho								
1. Business/site deta	•	checked by	site representa	ative?			Y	
2. Changes made to	details?					t T		
Site Details (includ	le cleaner fis	h for all sec	tions)					
Tatal Na facilities		110	E-silition eta	all and	Couldn't determine	Na facilitie	ingrested	Site
Total No facilities Species	CGI	CGI	Facilities sto	скеа	determine	No facilitie	es inspected	Site
Age group	2016	2019	4—					
No Fish	20,000	30,000	4					
Mean Fish Wt	100mm	70mm						
Next Fallow Date (S		Continuous		Next Input Da	ate (Site)	June/July 2	2023	_
Recent (last 4 wks)	*				Any escapes			N
If yes, detail:	,	-				(3	,,,,,	
Movement Records 1. Movement record 2. Date of last inspec	ds available fo	or inspection?	,				26/04/2021	Y
3. Are records comp	plete and corre	•						Y
4. Are movement re				2				N/A
5. Are records comp		•						N/A
6. Are health certification	ates for introd	ductions (out	with GB) availa	able?				N/A
Transport Records								
1. Are any movemen		it by (or on be	ehalf) of the bu	usiness (not us	sing a STB)?			
If yes, is there a syst		• •						
Mortality Records								
Mortality records a	available for i	inspection?						N/A
2. How are mortalitie		•			Other (detail)			
If other detail:	Leave empty	y shells						
3. Mortality records	complete and		tered?					N/A
4. Recent mortality (None					
5. Evidence of recen		· ·						N/A
If yes, facility nos/no	mortality per	facility/no str	ock per facility	/reason:				
6. Any other peaks i	n mortality du	ring period c	hecked?					N/A
If yes, detail:	Tilloriality as	ning period c	Heerieu:					
7. Have increased (u	unexplained)	mortalities be	een reported t	o vet or FHI?				N/A
If yes, detail action:	,							
8. Have 'mortality ev	ents' been re	ported to FH	I? If no, enter	details on mor	tality events s	heet.		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?	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: 26/04/2021 - 01/09/2022	

FHI 059, Version 13	Issued by: FHI			Date	of issue: 1
Case Number:	2022-0369 Site No:	SS092	7		
Date of Visit	01/09/2022 Inspector:			l	
Number of Susceptib	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	3
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	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	U
	Frequency of movements on from equivalent zone or				
	compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Movements off	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	0
	Frequency of movements off <u>outwith</u> 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		3
			Risk		LOW

Case No:	2022-0369			Date of visit:	01/09/2022			
Site No:	SS0927	l		Inspector:		1		
Results Summary	Freq.			Dat	te of Notificat	tion		
,	· ·	Database	Insp		Insp	Writing	Insp	2 nd Insp
	<u> </u>							
	-							
Report Summary								
Case Type ECI	Date	Insp	2 nd Insp					
ECI	11/10/2022							





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0552

SITE NO SS0927

SITE NAME

CASE NO SB0552

DATE OF VISIT 01/09/2022

Corgrain Point

CASE No 20220369 INSPECTORS

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 fourth year. The category of the site will be reassessed on a routine basis and updated as required.

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

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

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

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

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

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

Signed: Fish Health Inspector

Date: 11/10/2022

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 issue: 12/05/2020
Case No: 2022-0418			Date of visit: 07/09/2022
Time spent on site: 5h	nrs	Main Inspe	ector:
Site No: FS1259 Business No: FB0119	Site Name: Business Name:	Stulaigh Mowi Scotland Ltd	
Case Types: 1 REP 2	2 DIA 3	4 5	6
Water Temp (°C): 13.9	Thermometer No:	T152	FHI 045 completed
Observations:	Region: WI	Water type: S	CoGP MA: W-20
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see additional in	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:	

Additional Case Information:

Site has reported 2 mortality events in the last 2 weeks (wk33 (1.11%) and wk34 (4.22%)). In total, site has lost 42,073 fish over that 2 week period. Mortalities were attributed to gill infections.

The mortality for the site last week (wk35) reached 3.9% (38,035 fish). Mortalities removed from the site on Monday and Tuesday this week (5th and 6th September) totalled 3.7% (27,377 fish), all being attributed to poor gill health.

In addition to poor gill health, PD, CMS and HSMI have also been detected in the stocks but are currently not contributing to the mortalities on site. Poor gill health has been reported as the primary cause for mortality on the site.

Gills positive for AGD, Branchiomonas, Paranucleospora and Poxvirus in August 22.

Deadhaul harvest completed yesterday, with 12,110 fish removed from two of the worst affected cages (7 and 9). More fish will be harvested next week, potentially moving to live haul. Site plans to harvest all the fish from the 8 worst affected cages (1,2,3,4,6,7,8,9) over the next 8 week period and then monitor the remaining fish.

Whole site was FW treated in June and July 22 and the cages with lower mortalities are due to be treated with FW again next week (wk37). A peroxide treatment was also completed in July 22.

A total of 64,571 lumpfish were input in December 21 and a further 27,359 in August 22. Of the 91,930 lumpfish put into the site, only 32,680 remain. 59,250 mortalities have occurred since input (64%). Only 2 lumpfish were observed across the site and both appeared in poor physical health. They were positioned beyond the reach of the hand net so could not be caught for sampling.

Staff had not been out with sweep nets the day of inspection. There were a lot of visible mortalities in the majority of the cages (~10 in some and betweenn 20-30 in others). The general population were very lethargic and lice were visible on some fish that were sitting high in the water column. Several moribunds were noted across the site. Moribunds were targeted from the worst affected cages and removed for diagnostic sampling.

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issue	e: 12/05/2020
Case No:	2022-0418		Site No:	FS1259				
Date of Visit:		07/09/2022	2		Inspector(s)			l
Registration/Author	orisation Deta	ails						
1. Business/site deta	ails summary	checked by s	site representa	ative?			Υ	1
2. Changes made to	details?						Υ	
Site Details (includ	le cleaner fis	h for all sect	tions)					
Total No facilities		14	Facilities sto	cked	14	No facilitie	es inspected	14
Species	SAL	LUM					T	
Age group	Q4	2022.00						
No Fish	716,797	32,680						
Mean Fish Wt	2.3kg	~40g						
Next Fallow Date (S	site)	April/May 23	3	Next Input Da	ite (Site)	October 2	3	
Recent (last 4 wks)	disease probl	ems?		Y	Any escapes	s (since last	visit)?	N
If yes, detail:	Poor gill hea	lth						
 Date of last inspeta. Are records compta. Are movement resords compta. Are records compta. Are health certificant remains and remains	plete and correctords available and corrected and corrected for introductions.	le for dead fisectly entered's ductions (outvoice)	sh and waste? ? vith GB) availa half) of the bu	able? usiness (not us	-		03/05/2022	Y Y Y N/A
Mortality Records 1. Mortality records	available for i	acpaction?						V
2. How are mortalities		•			Other (detai)		
If other detail:			and stored at	the shorebase		<u>, </u>	nore Cockels f	or landfill
3. Mortality records				the shorebase	before going	to write of	lore dockers i	Y Y
4. Recent mortality	•			nal comments.				
5. Evidence of recer		typical morta						Y
If yes, facility nos/no		• •		/reason:				
High mortality over t	, ,							
6. Any other peaks i								Y
If yes, detail:	Wk18: 1.4%	(CMS), Wk1	9: 1.92% (CM	IS, Handling ar	nd Treatment	and Wk21:	1.71% (CMS))
7. Have increased (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.		Υ

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)? T.M.S.	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> 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:	
Described Comments	
Results of Surveillance	V
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? If you detail (if not detailed under recent disease problems) IPD CMS HSML ACD and SCRV	Ť
If yes, detail (if not detailed under recent disease problems). PD, CMS, HSMI, AGD and SGPV	
Records checked between: 03/05/2022 - 07/09/2022	

Г	mi 059, version 15							155	ueu by. Fr	11			
	Case no:	2022-04	418	Site No:		FS1259			Date of vis		07/09	9/2022	07/0
	Priority samples:	VI		ВА		РА		MG	Sampling:	HI	\blacksquare		
	Time sampling starts/ends:		5:00		0:00		Inspecto	or:			VMD No.		0
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST	Y	ВА	Y	MG	Y	VI		PA		Total Sai	mples
Δ	dd Fish/Pools - click												
	Pool/Fish No	F1	F2	F3	F4	F5	P1						
	Fish nos	1	2	3	4	5	1-5						
	Pool Group	P1	P1	P1	P1	P1							
	Species	SAL	SAL	SAL	SAL	SAL							
	Average weight	2.3kg	2.3kg	2.3kg	2.3kg	2.3kg							
	Sex	N/A	N/A	N/A	N/A	N/A							
	Water Type	SW	SW	SW	SW	SW							
		_	_ ا	_	>	_							
Detaile		Jar	<u>ا</u> عد	Garry	Garry	Jar							
4		fii	<u>.</u>	ဗိ	ဗိ	Ej.							
		Glenfinnan	Glenfinnan	Loch	Loch	Glenfinnan							
Stock	Stock Origin												
Ċ.	Facility No	10	8	6	1	3							

09/2022	Addition Fish we	nal Sam ere dispa	ple Infor atched b	mation: y percus	ssive blo	DW.								
6]	Total To	ests ass	signed	5]								

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

Case no: 2022-0418 Site No: FS1259 Method of killing:

Case no:	2022-0418	Site No:		FS125	9	M	Method of killing:				
		_	lnono	otor(o).			_	.			
Date of visit:	07/09/20	22	inspe	ctor(s):				She	et Rele	vant:	
S for strong preser	nce: M for medium presence: W for	or weak or	esence								
Fish Number	ice. III for mediam precence. II	F1	F2	IF3	IF4	F5	I				
Time sampled after	er death (if > 45 minutes)	45mi	ns 45mii	ns 45mir	ns 45mins	45mins	3				
External Signs											
Behaviour	Moribund	S	S	S	S	S					
	Lethargic	S	S	S	S	S					
	Hanging vertical										
	Spiralling Flashing										
	Loss of equilibrium					W					
Body	Dark										
,	Distended abdomen			М		М					
	Anorexic	M			M						
	Scale Oedema										
Opercula	Shortened			W	W	W					
	Flared	VAZ									
Haemorrhaging	Throat	W									
	Ventrum Base of fins	W									
	Elsewhere	VV									
Eyes	Exophthalmic			w							
	Enophthalmic (sunken)										
	Cataract										
	Haemorrhagic										
Gills	Pale		S	S	S	S					
	Zoned	W									
	Necrotic		М	М	S	S					
Lesions	Flank					W					
Vant	Elsewhere					VV					
Vent	Inflamed Trailing faeces										
Lice Load	Estimate numbers		5	8	4 3	2					
2.00 2000				_		_					
Internal Signs											
Ascites	Clear										
	Bloody										
Oedema	In tissues										
Heart	Pale/anaemic	М	S	S	S	S					
	Granulomas										
Liver	Deformed Petechial haem			W					_		
Liver	Gross haem										
	Tissue breakdown										
	Enlarged										
	Colour number(s)										
	Granulomas										
	Lesions										
Pyloric caeca	Petechial haem					W					
	Tubules mauve										
Culcar	Lack of fat		W		М	W					
Spleen	Enlarged Granulomas		VV		IVI	VV					
Gut	No food present		М			W					
- 41	Yellow pseudo-faeces	S									
	External haem										
	Internal haem										
Body wall	Haemorrhaging										
Swim bladder	Haemorrhaging										
	Fluid filled										
Kidney	Swollen										
	Grey										
	Granular										
General	Liquefied Parasites present										
General	Anaemia										
	Allacillia										

Case no: 2022-0418

Date of visit: 07/09/2022

Date of visit.	07/09/202	<u>4</u>					
S for strong preser	nce: M for medium presence: W fo	r w					
Fish Number	ioo. iii tot iiioalaiii procencer ii to						
	er death (if > 45 minutes)						
External Signs	er death (ii > 43 illilidies)						
Behaviour	Moribund						
Dellavioui	Lethargic						
	Hanging vertical						
	Spiralling						
	Flashing						
	Loss of equilibrium						
Pody	Dark						
Body							
	Distended abdomen Anorexic						
	Scale Oedema						
Omeneule							
Opercula	Shortened						
	Flared						
Haemorrhaging	Throat						
	Ventrum						
	Base of fins						
	Elsewhere						
Eyes	Exophthalmic						
	Enophthalmic (sunken)						
	Cataract						
	Haemorrhagic						
Gills	Pale						
	Zoned						
	Necrotic						
Lesions	Flank						
	Elsewhere						
Vent	Inflamed						
	Trailing faeces						
Lice Load	Estimate numbers						
Internal Signs							
Ascites	Clear						
	Bloody						
Oedema	In tissues						
Heart	Pale/anaemic						
	Granulomas						
	Deformed						
Liver	Petechial haem						
	Gross haem						
	Tissue breakdown						
	Enlarged						
	Colour number(s)						
	Granulomas						
	Lesions						
Pyloric caeca	Petechial haem						
	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						
. dancy	Grey						
	Granular						
	Liquefied						
General	Parasites present						
General							
	Anaemia						

F1 - right eye absent. F5 - sitting at the surface gasping and circling.
F5 - sitting at the surface gasping and circling.

Case No: Date of visit: 07/09/2022 2022-0418 Site No: FS1259 Inspector: Results Summary Date of Notification Freq. Database Insp Phone Insp Writing Insp 2nd Insp 13/09/2022 13/09/2022 13/09/2022 MG_SAV 1/5 MG_ISA 0/5 13/09/2022 13/09/2022 13/09/2022 13/09/2022 MG_VHS 0/5 13/09/2022 13/09/2022 MG_PARA_THER_Q 5/5 13/09/2022 13/09/2022 13/09/2022 MG_SAL_POX 5/5 13/09/2022 13/09/2022 13/09/2022 MG AGDQ 5/5 13/09/2022 13/09/2022 13/09/2022 MG_PMCV 3/5 13/09/2022 13/09/2022 13/09/2022 **VSPE** 28/09/2022 5/5 28/09/2022 28/09/2022 AMGD 3/5 28/09/2022 28/09/2022 28/09/2022 2/5 28/09/2022 **EPIT** 28/09/2022 28/09/2022 4/5 **CGDH** 28/09/2022 28/09/2022 28/09/2022 4/5 **GPAT** 28/09/2022 28/09/2022 28/09/2022 28/09/2022 **HPAT** 5/5 28/09/2022 28/09/2022 28/09/2022 LPAT 4/5 28/09/2022 28/09/2022 **CMPS** 4/5 28/09/2022 28/09/2022 28/09/2022 MG_IHNQ 0/5 28/09/2022 28/09/2022 28/09/2022 MG_IPN 0/5 28/09/2022 28/09/2022 28/09/2022 Report Summary 2nd Insp Date Case Type Insp REP 09/09/2022 DIA 05/10/2022





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0119Date of Visit07/09/2022Site NoFS1259Site NameStulaighCase No20220418Inspector

Section 1: Summary

The site was inspected due to recent mortality reports above the reporting threshold, all attributed to gill issues. Five fish were selected for diagnostic sampling.

Histopathology examination revealed complex gill issues and some vascular disturbance. Amoebic gill disease, confirmed by qPCR, and epitheliocystis (likely *Branchiomonas* sp.) also observed. The fish also displayed myocarditis. Some of the pathology is consistent with cardiomyopathy syndrome (CMS) and this was also confirmed by qPCR. Mild, multifocal hepatic necrosis also observed.

Paranucleospora theridion, salmon gill poxvirus and salmonid alphavirus were detected using qPCR.

Vibrio sp. identified from gill and lesion material, however the level and purity of growth would not suggest it would be implicated as the primary source of morbidity.

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

Section 2: Case Detail

Observations

The site was inspected due to recent mortality reports above the reporting criteria, all attributed to gill issues and which resulted in the loss of 42,073 fish in a 2-week period. At the time of inspection, the site was stocked with 716,797 Q4 Atlantic salmon at an average weight of 2.3kg originating from Loch Garry and Glenfinnan. These were stocked alongside farmed lumpfish at an average weight of ~40g. All cages were inspected and mortalities were observed in every cage ranging from ~10 in some, to 20-30 in the worst affected cages. The general population was very lethargic with some physical damage noted on some fish. Five moribund fish were removed from cages 1,3,6,8 and 10.

All five fish were moribund and F5 appeared to have lost equilibrium. Externally, F1 and F4 appeared anorexic, while F3 and F5 had distended abdomens. The opercula on F3-5 were shortened and the gills of F2-5 were pale and necrotic. Zoning was observed on the gills of F1. F1 displayed mild haemorrhaging on the throat, ventrum and at the base of the fins. The right eye was absent in F1 and exophthalmia was observed on F3. Lesions were visible on the flank and head of F5 and lice were observed on all fish.

Internally, the hearts of all fish were anaemic/pale. Petechial haemorrhaging was observed on the liver of F3 and on the pyloric caeca of F5. The spleen was enlarged in F2 and F3-4. No food was present in the gut of F2 and F5, with yellow pseudo-faeces observed in the gut of F1. Samples

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

Fish number	Facility number	Species	Stage	Origin
F1	10	Atlantic salmon	2021 Q4; 2.3kg	Glenfinnan FS0742
F2	8	Atlantic salmon	2021 Q4; 2.3kg	Glenfinnan FS0742
F3	6	Atlantic salmon	2021 Q4; 2.3kg	Loch Garry FS1104
F4	1	Atlantic salmon	2021 Q4; 2.3kg	Loch Garry FS1104
F5	3	Atlantic salmon	2021 Q4; 2.3kg	Glenfinnan FS0742

Results

Bacteriology: Kidney and gill material from F1-5 and lesion material from F5 were inoculated onto appropriate media for the isolation of bacteria.

The following bacterium was isolated:

• Vibrio sp. (Gill: 5/5 fish & Lesion: F5)

From the tests conducted, we do not have evidence of resistance to amoxycillin, oxytetracycline, sulphamethoxazole/trimethoprim or florfenicol.

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

Salmon gillpox virus (SGPV)

Fish Number	Endogenous control Cp value		Cp Values					
F1	18.81	30.19	30.28	29.99	POSITIVE			
F2	18.76	23.59	23.34	23.50	POSITIVE			
F3	18.50	24.17	24.59	24.55	POSITIVE			
F4	19.38	24.16	24.03	24.55	POSITIVE			
F5	19.23	28.92	28.90	28.60	POSITIVE			

Salmonid alphavirus (SAV)

Fish Number	Endogenous control Cp value		Cp Values	Reported Result (PCR)		
F1	16.60	32.93	32.97	32.71	POSITIVE	
F2	-	-	-	-	Negative	
F3	-	-	-		Negative	
F4	-	-	-	-	Negative	
F5	-	-	-	-	Negative	

Piscine myocarditis virus (CMS)

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	-	-	-	-	Negative
F2	18.05	20.61	20.62	20.65	POSITIVE
F3	-	-	-	-	Negative
F4	17.90	16.83	16.85	16.90	POSITIVE
F5	18.56	23.12	23.07	23.13	POSITIVE

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

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

Paranucleospora theridion

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	18.81	18.81 24.53 24.38		24.38	POSITIVE
F2	18.76	26.76	26.89	26.75	POSITIVE
F3	18.50	23.61	23.82	24.15	POSITIVE
F4	19.38	.38 25.39 24.12		25.02	POSITIVE
F5	19.23	27.10	27.09	27.22	POSITIVE

Neoparamoeba perurans (AGD)

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	18.81	18.81 25.04 25.23		25.22	POSITIVE
F2	18.76	32.25	31.27	31.38	POSITIVE
F3	18.50	28.67	29.08	28.52	POSITIVE
F4	19.38	26.67	26.41	26.48	POSITIVE
F5	19.23	30.08	29.84	29.94	POSITIVE

Histology: Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from F1-5. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

<u>Gill:</u> Lamellar epithelial hyperplasia and hypertrophy with mild, multifocal and lamellar fusion (F1-F3, F5). F5 also displayed an area of haemorrhage and lamellar congestion. All fish exhibited mild vascular disturbance. Several basophilic epithelial inclusions (likely epitheliocystis) observed in F2 and F3 and several amoeboid cells resembling *Neoparamoeba perurans* observed in F2, F3 and F5. —Lamellar telangiectasia with multifocal thrombosis and lamellar congestion. F4 reading hindered by autolysis artefacts.

<u>Skin & Muscle:</u> F2: Absence of the epidermis, some inflammatory cell infiltrated, haemorrhage and foci of necrosis in the dermal outer layer.

<u>Heart:</u> F1 and F3 displayed mild, multifocal cellular infiltration and musculature degeneration in both cardiac chambers and in the spongy and compactum layer. F5 displayed several big thrombi in the ventricle chamber. F2 displayed several foci of inflammatory cell infiltrate and musculature necrosis and F4 more moderate. Mild epericarditis (F2 and F3).

<u>Gut and pyloric caeca:</u> Mild peritonitis (F1, F2 and F4). Cell sloughing (potentially associated with post-mortem artefacts) in all fish.

Pancreas: Within the normal range.

<u>Liver:</u> Hepatocellular necrosis, mild, multifocal (F1-F4), some foci hepatocellular vacuolation (macrovisicules).

<u>Kidney:</u> Occasional necrotic glomeruli (F2). Increased number of melanomacrophage aggregates (F1, F4).

Spleen: Foci of white pulp necrosis and some congestion (F2, F3).



Signed: Date: 05/10/2022

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/





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0119
 Date of Visit
 07/09/2022

 Site No
 FS1259
 Site Name
 Stulaigh

 Case No
 20220418
 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 following a report of increased and unexplained mortalities.

All epidemiological units were inspected.

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

Records

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.

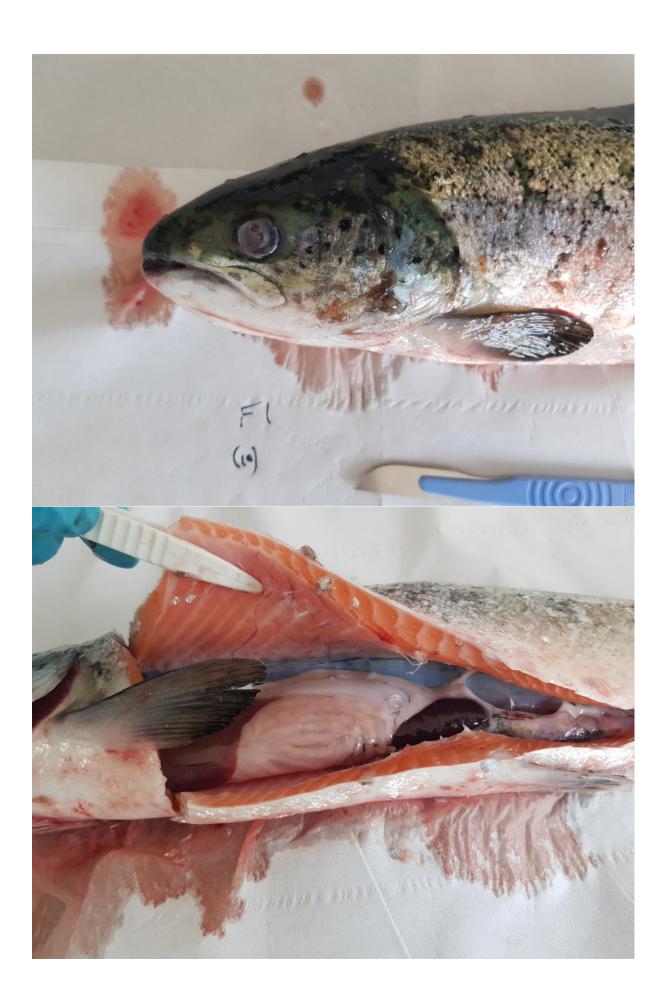
Please contact myself or the duty inspector should you require any further information or have any queries regarding this report.

Signed: Fish Health Inspector

Date: 09/09/2022

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		Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2022-0419			Date of visit: 13/09/2022			
Time spent on site:	.5hours	Main	nspector:			
Site No: FS1043 Business No: FB0095	Site Name: Business Name:	Ness of Copister Cooke Aquaculture Sc	otland Ltd			
Case Types: 1 ECI	2 CNI 3 VMD	4 SLI 5	6			
Water Temp (°C): 12.75	Thermometer No:	T308	FHI 045 completed			
Observations:	Region: SH	Water type: S	CoGP MA: S-4			
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N				
UNI/REG only - if unable to carry	out intended visit detai	reason below:				

Additional Case Information:

Ness of Copister is not a harvest site. Smolts are ongrown here to approx. 2kg and then transferred to various other sites around Yell and Unst where they will be grown to harvest size (seen as a nursery site). Input of smolts at 85 to 120g.

Own small shorebase where mortalities are collected at and taken away by bulk transporter to either TWMN (Shetland) or SEM

Stock of fish on site either from Migdale (Jubilee) in Loch Shin (pens 1,8,9,16) and Furnace (pens 2,4,6,7,10,11,12). Remaining pens will be used for grading.

No cleanerfish on site/company wide.

From site inspection, slight AGD observed. Lice are increasing but not causing concern.

VMD samples taken on 13/09/2022, All fish sampled for VMD were observed to be in good condition.

05/05/2023- FHR amended to remove Annex. New report will be issued and republished.

Date of Visit: 13/09/2022 Inspector(s):	FHI 059, Version 13			Issu	ed by: FHI			Date of issu	e: 12/05/2020
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If yes, detail: mortality) 7. Have increased (unexplained) mortalities been reported to vet or FHI? N/A If yes, detail action:	6. Any other peaks i	n mortality du	ring period ch	necked?					Y
If yes, detail: mortality) 7. Have increased (unexplained) mortalities been reported to vet or FHI? N/A If yes, detail action:		2021: Wk14	, 29688, 3.28	% (smolt and	transfer morta	lity); W15,167	'36, 1.66% (smolt and tra	nsfer
7. Have increased (unexplained) mortalities been reported to vet or FHI? N/A If yes, detail action:	If yes, detail:			,		,,			
If yes, detail action:	•		mortalities be	en reported to	vet or FHI?				N/A
	,	, ,		1					
	•	/ents' been re	ported to FHI	? If no, enter	details on mor	tality events s	heet.		Y

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)? T.M.S.	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
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 increased (unexplained) mortality at the site been included?	
1. Recent treatments (see comment)? If yes, detail: T.M.S. If other, detail: 2. Medicines records available for inspection? 3. Are records complete and correctly entered? 4. Are fish in a withdrawal period? 5. If yes, what treatment(s)? If other, detail: 6. Are medicines stored appropriately? Biosecurity Records 1. Biosecurity records available for inspection? 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered? 3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any increased (unexplained) mortality at the site been included? 4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and how and when that will be notified to Scottish Ministers? 5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)? 6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)? 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site? 8. Have the biosecurity procedures been adequately implemented on site? If no, detail: Results of Surveillance 1. Has any animal health surveillance been carried out by, or on behalf of, the business? 2. If yes, are results available for inspection? 3. Any significant results? If yes, detail (if not detailed under recent disease problems).	
health status, certification if required)?	
	Y
· · ·	V
· · · · · · · · · · · · · · · · · · ·	Y
· ·	V
	Y
If no, detail:	
	V
	1 V
	I N
,	N
If yes, detail (if not detailed under recent disease problems).	
December the shoot of historicans (1997/2010) 40/00/0000	
Records checked between: T6/07/2019- 13/09/2022	

FHI 059, Version 13						Issued by: FHI							
	Case no:	2022-04	119	Site No:		FS1043			Date of v Sampling		13/0	09/2022	13/0
	Priority samples:	VI		ВА		PA		MG	Sampling	HI			
	Time sampling starts/ends:	11:1	5:00	11:4	5:00		Inspecto	or:			VMD No).	10
	Environmental conditions:	1	Windy	2		3		4	$\overline{}$	5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
Ac	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-2	3	4									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	1kg	1kg	1kg									
	Sex	N/A	N/A	N/A									
	Water Type	SW	SW	SW									
Stock Details	Stock Origin Facility No	5 Furnace (FS0339)	Jubilee Loch Shin (FS0890)	ص Jubilee Loch Shin (FS0890)									

)9/2022	Addition	nal Sam	ple Infor	mation:						
0	1	Total To	ests ass	ianed	Ο					
O	J	Total I	0313 433	ngrica	U					

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2022-0419		Site No:	FS1043		Insp:	
Date of Visit	13/09/2022		No of m	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or		0	4.0	200	0
Species	Number of supp	ocluding third country	0		18 10	26 14	0
Movements off	Frequency of m		0		6	10	3
Exposure via water	Indifficer of desi	Site contacts	1		6-10	10	3
Water contacts with other	Farm is protect	ed (secure water supply through	, <u> </u>		0.10		
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		1
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V 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	1			
		from zone or compartment of	4				
	equivalent statu	from Category III farm	4				
		from Category V farm	10				
		<u> </u>	1 10]			
Disposal of fish and fish by- products			0				0
producto		sses with other farms	3				
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0]			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing st	aff 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	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0	1			0
· ·	No		2				
			-	J			
					Total Rank		T LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0419	Site No: FS	1043
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems in the previous 2. Is the CoGP Farm Management Area (or equivalent) fallo 3. Does the site have access to a range of licenced in-feed a azamethiphos and emamectin benzoate) as well as access can these be deployed in a reasonable period of time?	wed synchronously on a single year on the synchronously on a single year on the synchronously on a single year of the synchronously	ng deltamethrin,
4. Is there a signed documented farm management agreeme Management Area (or equivalent)?	ent or statement relevant to the site ar	nd CoGP Farm Y
 Are sea lice count records available for inspection? (Legal Do records adequately reflect the required standard specified 	· · · · · · · · · · · · · · · · · · ·	SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels below the suggest records are inspected? (CoGP Annex 6)	ed criteria for treatment in the CoGP	during the period that Y
3. Have average adult female sea lice (<i>L. salmonis</i>) numbers 2 or above (from w/b 10/6/19) during the period that records		e (prior to w/b 10/6/19) or Y
f yes, have these been reported to the Fish Health Inspector 9. Is <i>C. elongatus</i> infestation at a level which is considered to		Y (CoGP 4.3.81, 5.3.50) N
10. Have therapeutic treatments been administered or other suggested criteria for treatment or where <i>C. elongatus</i> is cor		
11. Has any other action been taken (where applicable)? 12. Have therapeutic treatments or the actions taken had a s 13. Are treatments, where conducted, carried out in coopera 14. Is there a harvesting strategy for the site, where fewer posea lice?	ion between participating farms?	N/A
15. Is there a site specific written lice management procedure scenarios during the escalation of a sea lice infestation?	e with waypoints describing set action	ns to deal with recognised Y
16. Do the sea lice levels observed on stocks reflect sea lice	count data? If no please detail reaso	ns. Y
Containment Inspection 1. Has the site experienced equipment damage due to preda 2. Are measures in place to mitigate against the predation extensioned seal f other, detail below:		rtion cycles?
3. Have escape incidents or events been experienced on or	in the vicinity of the site since the las	t FHI inspection?
f Yes proceed with questions 4 – 9. If No skip to question 104. Have these been reported to Scottish Ministers? 5. Have these been reported to local DSFB forthwith (where 6. Have these been reported to the SSPO and local fisheries	they exist)? (CoGP - 4.4.37, 5.4.17)	
7. Were methods (if any) used to recover escapees? If yes g	ive detail	
3. If gill nets were deployed was this action agreed with local Ministers? (Legal, CoGP – 4.4.38, 5.4.18) 9. What action was taken to prevent and minimise the risk of be considered under satisfactory measures of the Act)		
10. Is the site inspected as satisfactory with regards to conta	inment? If no, please detail reason(s)	Υ

THI 050 Maraian 12	leaved by FUI	Data of issues 42/05/2020
FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0419	Site No: FS1043	
Date of Visit: 13/09/2022	Inspector:	
Point of Compliance		
 Is the farm under inspection located w 	vithin a farm management area?	V
If N, no further questions require comple		
-	Management Agreements and Statemen	
2. ਜas a current farm management agre 3. Is the current FMAg/S available for ins	eement or statement (FMAg/S) been prepa	red?
4. Does the FMAg/S identify the relevant	•	<u>'</u> Y
5. Does the FMAg/S identify the fish farm	•	Y
•	commencement of the agreement or state	ment? Y
7. Does the FMAg/S identify the date of	review?	Y
Arrangements for Fish Health Manage	ement	
8. Does the FMAg/S identify the minimum	m health standards for the stocks to be into	roduced to the area or Y
farm?		
•	ation requirements for stocks held in the are es of fish which may be stocked into the are	
	num stocking density of any pen on any fari	
individual farm?	iam clocking denoisy or any pen on any lan	
	gements for the storage and disposal of any	y dead fish from any
fish farm in the area or the individual far	rm?	
Arrangements for The Management o	of Sea Lice	
13. Does the FMAg/S identify arrangement	ents for the sharing of data on sea lice num	nbers and treatments?
14 Does the FMAg/S identify the availab	bility and the use of medicines on farms co	wered by the agreement
of statement?	Jilly and the use of medicines of farms co	vered by the agreement
15. Does the FMAg/S identify any require	rements for the sensitivity testing of availab	le treatments for sea
lice on farms in the area or individual far		
Does the FMAg/S identify the circum used on farms in the area or individual fa	nstances under which biological controls an	nd cleaner fish are to be
	gements for synchronous treatments on far	ms within the area?
Live Fish Movements		16 11
18. Does the FMAg/S identify the circum area or farm?	nstances when live fish may be introduced	
	gements for the movement of live fish on ar	nd off sites in the area
or individual farms?		

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 indivi	dual farms?
date when a farm or area may be restoo		
22. Does the FMAg/S identify whether of agreement or statement?	ne or more year classes may be stocked onto si	tes covered by the Y
 Does the FMAg/S identify whether becovered by the agreement or statement 	roodstock or potential broodstock are to be kept ?	on any site Y
Point of Compliance for Farm Manag 24. Does the farm management agreem parties to the agreement?	ement Agreements Only nent include arrangements for persons to becom	e, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and 26. What is the version no/date of issue	operated in accordance with the agreement or s of the FMAg/S? 12/07/2022	tatement? Y

Case No:	2022-0419			Date of visit:	13/00/2022			
Case NO.	2022-0419			Date of visit:	13/09/2022			
Site No:	FS1043]		Inspector:		I		
Results Summary	Freq.				te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp	1				
ECI, CNI, SLI, VMD	03/10/2022							
ECI, CNI, SLI, VMD (reis	09/01/2022							
ECI, CNI, SLI, VMD (rei	05/05/2023							





AMENDED FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0095
 Date of Visit
 13/09/2022

 Site No
 FS1043
 Site Name
 Ness of Copister

 Case No
 20220419
 Inspector

This report replaces the fish health report R25 issued on 09/01/2023 . The previous report should be discarded. The Annex Section was retained in the previous report but following review has been removed.

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 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: 05/05/2023

FHI 059, Version 13	lss	sued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0420			Date of visit: 13/09/2022
Time spent on site:	3.5hours	Main Inspecto	or:
Site No: FS0477	Site Name:	Bow of Hascosay	
Business No: FB0095	Business Name:	Cooke Aquaculture Scotland L	td
Case Types: 1 ECI	2 CNI 3 VMD	4 SLA 5	6
Water Temp (°C): 12.77	Thermometer No:	T308	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA S-3
Dead/weak/abnormally behaving	g fish present?	Y If yes, see additional infor	mation/clinical score sheet.
Clinical signs of disease observe	ed?		mation/clinical score sheet.
Gross pathology observed? Diagnostic samples taken?		N If yes, see additional infor	mation/clinical score sheet.
Diagnostic samples taken:		IN	
UNI/REG only - if unable to carr	y out intended visit detail re	eason below:	

Additional Case Information:

The fish were input growers from Wick of Belmont and input to site in April 2022. Plans to begin harvesting end of December 2022 and be fallow Jan/Feb 2023.

ROV system used to collect and check morts on site. All harvests on site conducted via deadhaul. Fish are then transported by bulk tanker to the processing plant. All movements off site are related to harvests.

During site inspection, 1 to 3 fish were seen in majority of pens that were lethargic. Upon inspection of stock during lice counts, AGD visible and severe in some cases as well as informed that low level CMS has been observed on site. Lice levels increasing in the area due to temperature and increase in wild fish. Site plans to treat for lice and gills in October as a precautionary measure.

VMD samples taken on 13/09/2022. All sampled fish were observed to be in good condition.

FHI 059, Version 13			Issu	ued by: FHI			Date of issu	ie: 12/05/2020
Case No:	2022-0420		Site No:	FS0477]			
Date of Visit:		13/09/2022	1		Inspector(s):			1
Registration/Autho								
1. Business/site deta	ails summary	checked by s	ite representa	ative?			Υ	
2. Changes made to	details?						N	
Site Details (includ								
Total No facilities		14	Facilities sto	ocked	14	No facilities	sinspected	14
Species	SAL							
Age group	2021 S1							
No Fish	242,198							
Mean Fish Wt	5.4kg							
Next Fallow Date (S	ite)	Dec 2022/ Ja	an 2023	Next Input Da	_ ` '	Feb 2023		
Recent (last 4 wks)	disease proble	ems?		N	Any escapes	(since last v	/isit)?	N
If yes, detail:								
Movement Records	5							
1. Movement records	s available for	r inspection?						Y
2. Date of last inspec	ction:						20/10/2020	
3. Are records comp	lete and corre	ectly entered?	<i>,</i>					Y
4. Are movement red	cords availabl	e for dead fis	h and waste?	?				Y
5. Are records comp	lete and corre	ectly entered?	,					Y
6. Are health certification		•		able?				N/A
Transport Records								
1. Are any movemen		by (or on be	half) of the bu	usiness (not us	ing a STB)?			Y
If yes, is there a syst					_			Y
Mortality Records								
Mortality records a	available for ir	espection?						Y
2. How are mortalities		•			Whole fish -	TWMA (She	tland)	
If other detail:					77.13.2			
3. Mortality records of	complete and	correctly ente	ered?					Y
	·	correctly similar		5, 672, 0.28%; V	Wk34, 804,0.3	3%; Wk33,	901,0.37%; \	Nk32, 0, 0%
4. Recent mortality (
5. Evidence of recen	nt increased/af	typical mortal	ities?					N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	//reason:				
6. Any other peaks in	n mortality dur	ring period ch	iecked?					Y
	2021: Wk 41	, 2889, 1.369	6; Wk48, 636	6, 1.07%; Wk51	, 290, 2.69%	(Depending	on when har	vests are
				umber can drop				
If yes, detail:	might calcula	ate the morts	against this r	educed numbe	r.)			
7. Have increased (d	unexplained) r	nortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been rer	ported to FHI	? If no, enter	details on morf	tality events sh	neet.		Y

Treatments and Madiaines Decards	
Treatments and Medicines Records	
1. Recent treatments (see comment)?	1
If yes, detail: T.M.S	
If other, detail:	
2. Medicines records available for inspection?	I
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
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	Y
If yes, detail (if not detailed under recent disease problems). AGD and low level CMS.	
Records checked between: 20/10/2020- 13/09/2022	

Pri Tir sta En	ase no: iority samples: me sampling arts/ends: nvironmental conditions: ummary samples		00:00 Indoors			FS0477	Inspector	MG	Date of vis Sampling:	н	13/0 VMD No	09/2022 o.	13/
Tir sta En	me sampling arts/ends: nvironmental conditions:	1	Indoors	15:3			Inspector	MG	sampling.	н	VMD No). [18
sta En	arts/ends: nvironmental conditions:	1	Indoors		0:00		Inspector	: [,	VMD No). 	18
				2									
	ummary samples	HIST				3	_	4		5			
Su				ВА		MG	=	VI		PA		Total Sa	amples
	Fish/Pools - click												
	sh nos	1	2							\rightarrow			
		1	2										
	ool Group	CAL	CAL										
	pecies	SAL	SAL										
	verage weight	5.5kg	5.5kg							\rightarrow			
Se		N/A	N/A				_		_				
VV	ater Type	SW	SW										
	ock Origin acility No	Wick of Belmont (FS0472)	Wick of Belmont (FS0472)										

09/2022	Addition	nal Sam	ple Infor	mation:						
0	1	Total To	ests ass	igned	0					

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2022-0420		Site No:	FS0477		Insp:	
Date of Visit	13/09/2022		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	١ ,		18	26	0
opened	Number of sup	ncluding third country	0			14	0
Marramanta aff			I 0			10	
Movements off	Frequency of m		0		6 6	10	0
Exposure via water	rtumber er dee	Site contacts	6 0	1-5			
Water contacts with other farms (holding species	Farm is protect disinfection or l	red (secure water supply through	0				
susceptible to same diseases)	Farm is on-line	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
uiseases)	Farm is on-line	or in a coastal zone with category III	1				2
	Farm is on-line	or within 1 tidal excursion or in a coastal zone with category V		3	6		
	farms upstream	n or within 1 tidal excursion	1	4			
Management practices Water contacts with	Any processing	plant discharging into adjacent waters	None	Secure	Unsecure		
processors	Any processing	g plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2	1			
	Processing fish equivalent state	n from zone or compartment of us	4				
	Processing fish	from Category III farm	8	1			
	Processing fish	r from Category ∀ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	1			
products	Common proce	esses with other farms	3	1			3
	Collection point	t for waste from other farms	5	1			
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	ĺ			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		2
	Sites sharing s	taff and equipment	0	1	2		2
Disinfection of equipment between sites, use of	Yes		0	1			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		10
					Rank		LOW

Case No:	2022-0420]	Site No:	FS0477	
2. Is the CoGP Farm Ma 3. Does the site have ac	ced sea lice problen anagement Area (or cess to a range of li mectin benzoate)	ns in the previous 4 years? equivalent) fallowed synchronouccenced in-feed and bath sea lices well as access to suitable biolo	medications (in	cluding deltamethrin,	es, and
4. Is there a signed docu Management Area (or e		gement agreement or statement	relevant to the s	ite and CoGP Farm	
		spection? (Legal SSI, CoGP Anr d standard specified in the SSI a	•	egal SSI, CoGP Annex	(6)
7. Are sea lice (<i>L. salmo</i> records are inspected?	· · · · · · · · · · · · · · · · · · ·	elow the suggested criteria for tro	eatment in the Co	oGP during the period t	hat
		almonis) numbers per fish been a riod that records are inspected?	at a level of 3 or a	above (prior to w/b 10/6	5/19) or
		Health Inspectorate? If no, FHI s			
9. Is C. elongatus infest	ation at a level whic	h is considered to cause significa	ant welfare probl	ems? (CoGP 4.3.81, 5.	3.50)
suggested criteria for tre	eatment or where C.	nistered or other actions taken w elongatus is considered to have			
11. Has any other action	•	· applicable)? ons taken had a significant impac	t upon the lice le	vels recorded?	
•		ed out in cooperation between pa	•		
		e, where fewer populations or par			for
15. Is there a site specif scenarios during the esc		gement procedure with waypoints infestation?	s describing set a	actions to deal with reco	ognised
16. Do the sea lice level	s observed on stock	s reflect sea lice count data? If r	no please detail r	easons.	
Containment Inspection	n				
•		age due to predators in the curre		•	N
·	e to mitigate agains	t the predation experienced on si	te? (Detail below	/)	Υ
sapphire nets, If other, detail below:					
If Yes proceed with ques	stions 4 – 9. If No sk	• •	the site since th	e last FHI inspection?	N
4. Have these been repo		nsters? forthwith (where they exist)? (Co	CD 4437.54	1 17\	
·		nd local fisheries trusts forthwith			1.17)
7. Were methods (if any) used to recover es	scapees? If yes give detail			
O If all note were dealer	und won this setime	agreed with lead wild fich interes	to and was a second	Secion given by Castila	
Ministers? (Legal, CoGF	- 4.4.38, 5.4.18)	agreed with local wild fish interes			
		nimise the risk of further escapes	? (Not covered i	n code but could	
be considered under	•	ures of the Act) regards to containment? If no, p	lease detail reas	on(s)	Y
10. 10 the site inspected	as satisfactory with	rogardo to contamment: in no, p	icase detail reas	Un(U)	l'

Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

Case No: 2022-0420 Site No: FS0477

Date of visit: 13/09/2022 Inspector(s):

Point for consideration Risk level Satisfactory? Requirement Comments and advice given or action taken if necessary

ENHANCED SEA LICE INSPECTION CHECKLIST

a. Inspection of sea lice records				
1.1 Are sea lice count records available for inspection?	Medium	Υ	CoGP 1.2.1, 1.2.2,	
1.2 Do records adequately reflect the required standard specified in	Low & Medium	Υ	Annex 6	
the SSI ¹ and the CoGP ² ?			SSI 1,2,	
(Counts should be weekly, record the person making the count, date				
of the count, number of fish sampled (should be 25), pen or facility				
number recorded, water temperature ³ , number of parasites observed				
and correct stages recorded ⁴				
1.3 Where weekly counts are not conducted is the reason for not conducting the count stated?	Low	Υ	SSI 1,2(g)	
1.4 Is that reason considered acceptable by the Inspector? Give	Low	Υ		
detail.				
1.5 Has the site experienced sea lice problems in the previous 4		N	Detail if necessary:	Slice has had a good effect on them. Mackerel bring the caligus.
years?				
 Inspection of records relating to treatment and control of sea lie 	ce			
2.1 Has appropriate action been taken where:				
a) L. salmonis record levels have been above the suggested criteria	High	Υ	CoGP Annex 6	
for treatment?				
b) C. elongatus infestation is at a level considered to cause significant	High	N/A	CoGP 4.3.81, 5.3.50	
welfare problems	Medium	V	CoCD 4 2 120 E 2 94	
2.2 Is therapeutic treatment initiated ASAP where required? 2.3 Where medicines have been administered there should be a	Medium	T	CoGP 4.3.130, 5.3.84	
record of :			∨MD ¹² 19 SSI 1,3	
the name / identity of the product	High	V	551 1,5	
the date of administration	High	Y		
the quantity (concentration and amount) administered	High	Y		
the method of administration of the product	High	Y		
the identification of the fish / facilities treated	High	Y		
name of the person administering the treatment	Low	Y		
the withdrawal period	Medium	Υ		
2.4 If the medicine is administered by a veterinary surgeon:			VMD 18	
the name of the veterinary surgeon	High	N/A		
name of the product	_	N/A		
batch number	_	N/A		

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
the date of administration	High	N/A		
amount administered	High	N/A	1	
identification of fish treated	High	N/A	1	
withdrawal period	Medium	Υ		
2.5 Have therapeutic treatments or the actions taken had a significant	High	Υ		
impact upon the lice levels recorded?				
Inspect records to confirm. Significant impact - ≥50% reduction in site				
average <i>L.salmonis</i> numbers (all stages)			-	
2.6 If other methods are employed on site to control sea lice and their impact is there a record of:	Low	Y	SSI, 1,4	
the nature and date of the method employed; the identification number of all facilities subjected to the method; the name of the person employing the method				
2.7 Where medicines have been acquired is there a record of:			VMD 19	
proof of purchase of the medicine concerned	Medium	Υ	VMD 17	
name of the product	High	Υ	1	
batch number	High	Υ	1	
the date of purchase	Medium	Υ	1	
the quantity purchased	High	Υ	1	
the name and address of the supplier	Medium	Υ	1	
2.8 Where medicines have been disposed is there a record of:			VMD 19	
the date of disposal	Medium	N/A	Ī	Use up the medicines, nothing is disposed of. Prescription for yell for exmample T.M.s
the quantity of product involved	Medium	N/A		if extra, fish health team will take away and dispose or instruct the team to dispose of appropriately.
how and where it was disposed of	Medium	N/A		
2.9 Are veterinary health plans available which detail bio-security	Medium	Υ	CoGP 4.3.129, 5.3.83	
protocols, preventative measures and treatments in relation to sea lice?				
Consider the following points over a percentage of treatments conducted on site				
2.10 Has the recommended course of treatments been completed?	Medium	Υ	CoGP 4.3.134, 5.3.88	
2.11 If not, is there a recorded acceptable reason for not completing treatment?	Medium	Y	CoGP 4.3.135, 5.3.89	
2.12 Was advice taken from the Veterinary surgeon in such circumstances?	Medium	Υ	CoGP 4.3.135, 5.3.89	

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
2.13 Are there clear written instructions regarding medicine use,	Medium	Υ	CoGP 4.3.133, 5.3.87	
available to those responsible for treatment administration?				
2.14 Does the site have treatment discharge consents relevant to sea		Υ	Detail if necessary:	
lice?	form monogen		ar atatamanta	
 c. Inspection of records relating to farm management groups and 3.1 Is there a nominated farmer acting as coordinator and point of 		nent agreements		fiels hoolth biologists when applicable
contact for this farm or area inclusive of this farm?	Low	Y	SSI 1,5,b CoGP 4.3.75, 5.3.44	fish health biologist: when applicable.
3.2 Is there a written undertaking that the farm will observe the	Low	Υ	CoGP 4.3.76, 5.3.45	
provisions of the NTS ⁶ ?				
3.3 Has an area group been formed within the area containing the site?	Medium	Υ	CoGP 4.3.77, 5.3.46	
3.4 Does the remit of the area group have appropriate veterinary involvement? Consider: -agreed basis for monitoring sea lice -coordinated monitoring and treatment -co-operation between participating farms	Medium	Υ	CoGP 4.3.77, 5.3.46 SSI 1,5, c	
This may require follow up investigation conducted off site to determine			1	
3.5 Are records available of any decisions made by the FMG in relation to the prevention, control and reduction of parasites?	Low	N/A	SSI 1, 5, c	Any changes that are implemented on site. Changes reviewing issue an new documents. Will be issued when these discussions occur.
3.6 Where treatments have been administered is this done in accordance with principles to maximise the effectiveness of treatments, promote the minimal use of medicines consistent with the maintenance of high standards of fish welfare and help preserve their efficacy?	Medium	Υ	4.3.82, 5.3.51	
For example, the principles of ISLM include: Resistance monitoring – reporting suspected adverse drug event			1	
(SADE) to the VMD. The steps to determine if resistance is considered a reason for a suspected lack of efficacy (e.g. Bio-assay tests and results, seeking veterinary advice)				
Appropriate discharge consent in place Use of authorized medicines with veterinary instruction and advice as necessary				
Monitoring lice numbers Using an array of treatments where possible Treating all stocks on site at the same time				
Avoiding the simultaneous use of different active ingredients Avoiding consecutive treatments of the same active ingredient, and certainly not on the same cohort of lice				

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
Routine removal of moribund fish and regular removal of mortalities.				, ,
3.7 Are weekly monitoring results communicated to other farmers within the defined area?	High	Y	CoGP 4.3.78, 5.3.47	
3.8 Is this done 'as soon as reasonably possible where lice numbers	High	V	CoGP 4.3.79, 5.3.48	
exceed the suggested criteria for treatment?	riigii	ı'	4.0.73, 0.0.40	
3.9 Is sea lice data and other information relevant to the management	Low	Y	CoGP 4.3.80, 5.3.49	
of sea lice provided to the SSPO?				
3.10 Are annual review meetings held by FMA groups to evaluate site	High	Υ	CoGP 4.3.83, 5.3.52	
performance against set criteria?				
3.11 Is there a signed documented farm management agreement or		Y	AFSA ¹³ 4A	
farm management statement relevant to the site and CoGP Farm Management Area (or equivalent)?			Detail if necessary	
, , ,	Madium	V	Detail if necessary: CoGP 4.3.88, 5.3.57	
3.12 Are up to date copies of FMS available from other APB operating within the same FMA?	Medium	Ť	COGP 4.3.88, 5.3.57	
3.13 Are significant changes to FMS notified to other companies within the FMA?	Medium	Y	CoGP 4.3.89, 5.3.58	
3.14 Is there co-operation between APB's operating within the FMA in the development and implementation of FMAg?	Medium	Y	CoGP 4.3.90, 5.3.59	
3.15 Are copies of FMS or FMAg available for inspection?	Medium	Υ	AFSA 4B	
3.16 Does the FMS or FMAg take into account the relevant aspects	Medium	Υ	CoGP 4.3.91, 5.3.60	
regarding a sea lice control strategy?				
3.17 If the FMA has been redefined , is there documented evidence	High ¹⁰	N/A	CoGP 4.3.92, 5.3.61	
to demonstrate that the risks to health within and outwith the area is not increased by the proposal?				
3.18 Is the CoGP Farm Management Area (or equivalent) fallowed	High	V	CoGP 4.3.100	
synchronously on a single year class basis?	riigii		C001 4.0.100	
3.19 If answered no to 3.18, then is there a documented risk	High	N/A	CoGP 4.3.101	
assessment which meets the requirements of CoGP point 4.3.101?	Ĭ			
d. Inspection of records relating to training and procedures				
4.1 Is there a training programme or plan in place relevant to sea lice	High	Y	CoGP 7.1.8	
control for the site?				
4.2 Are training records available for relevant staff in relation to:			CoGP 4.1.6, 5.1.6 SSI, 1,1	
parasite identification	High	Υ	CoGP 4.3.84-86,	
counting parasites (procedures for)	High	Υ	5.3.53-55	
recording counts	High	Υ		
biology and life cycle of parasites	Low	Y		
symptoms of parasite infection in fish	Low	Y		

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
4.3 Have staff been trained in the administration of treatments?	High	Y	CoGP 4.1.6, 5.1.6 CoGP 4.3.84, 5.3.53	work instructuions for peroxide and feeding medicated feed (pre mixed). Fish health will be there usually when treatments needed. Hydrolicer run by the team.
N.B. there is no legal requirement to maintain a record of this			1	
Where records exist regarding SOPs and site procedures these should be inspected to confirm suitability				
e. Inspection of site and site stock				
5.1 Are medicines used, stored and disposed of safely?5.2 Do the sea lice levels observed on stocks reflect sea lice count data?	Medium High	N/A Y	VMD schedule 5	Centralised the medicines in sutherness.
Refer to section e) of guidance notes 5.3 Does the site appear satisfactory in terms of fish welfare relating to sea lice infestation?	High	Υ		
f. Inspection of farm count procedures				
6.1 Are pens and fish sampled at random?	Low	Υ	CoGP Annex 6,	
lice recognition and recording?	High	Υ	4.3.84-86, 5.3.53-55	
(Cross reference to training records – Section d) 6.3 Can such personnel demonstrate post training competence?	High	Y	CoGP 4.3.85, 5.3.54	
6.4 Do the sample sizes and methods of sampling match the CoGP suggested protocol (detailed iii – vii)?	Medium	Υ	Annex 6	
N.B. Other strategies are acceptable if considered adequate in the control and reduction of sea lice				
6.5 Is identification and recording of sea lice count information including species and stages observed to be correct?	High	Υ	Annex 6	
Minimum recording requirements within the CoGP and NTS are:				
for Caligus elongatus all identifiable stages and for Lepeophtheirus salmonis chalimus, mobiles and adult females (with or without egg strings) ¹¹				
6.6 Is the transfer of data from field counts to records observed to be satisfactory?	Medium	Υ		
g. Inspection of treatment administration procedures				
7.1 Are treatments considered to be administered in an appropriate competent manner?	High	N/A		no treatments observed during site inspection.
Consider appropriate use of tarpaulins; completion of medication per prescription, correct concentrations, mixing and administrations, appropriate product used				
7.2 Is accurate information provided to the attending veterinary surgeon for dosage calculation?	High	N/A	CoGP 4.3.131, 5.3.85	

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
7.3 Are the fish under consideration being given any other medication,		N/A		
or are they in a withdrawal period for any other medication?				
7.4 If so, has the prescribing veterinary surgeon been informed of	Medium	N/A	CoGP 4.3.132, 5.3.86	
this?				
•	High	N/A	CoGP 4.3.133, 5.3.87	
communicated to the staff responsible for treatment?				

Additional actions	Powers	Comments and advice given or action taken if necessary
	Power granted under the Act	
If necessary conduct a sea lice count in accordance with the protocol of the CoGP. Indicate where this procedure has been done and make a record of results within the comments box	– section 3 (2) (a)	
·	Power granted under the Act — section 3 (3) (a)	
j. Enforcement Notice. If an enforcement notice has been issued then maintain a copy / duplicate and record detail Guidance on completing the Enforcement Notice	Power granted under the Act – Section 6 (2)	

- [1] Scottish Statutory Instrument The Fish Farming Businesses (Record Keeping) (Scotland) Order 2008
- [2] A Code of Good Practice for Scottish Finfish Aquaculture
- [3] Water temperature to be measured at the half way point of the depth of the facility containing the fish, or as close to as possible. For SW cage sites one reading per count may be s
- [4] Recording requirements:- for C. elongatus all identifiable stages and for L. salmonis mobiles and adult females (with or without egg strings)
- [5] Area refers to management area as specified within Part 3 of the industry CoGP or as redefined appropriately
- [6] For reference Annex 6 of the CoGP provides the detail of the NTS
- [7] FMA = Farm Management Area
- [8] FMS = Farm Management Statement
- [9] FMAg = Farm Management Agreement
- [10] No further action may be required when answering no to this point and yes to 3.18
- [11] Legal recording requirements within the SSI stipulate for Caligus elongatus: mobiles; and for Lepeophtheirus salmonis: non-gravid mobiles and gravid females.

Point for consideration Risk level Satisfactory? Requirement Comments and advice given or action taken if necessary

[12] VMD - The Veterinary Medicines Regulations 2013 (SI 2013 No 2033)

[13] AFSA - Aquaculture and Fisheries (Scotland) Act 2007 (as amended)

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Case No: 2022-0420	Site No: FS0477	
Date of Visit: 13/09/2022	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	•	<u> </u>
2. Has a current farm management agree3. Is the current FMAg/S available for in4. Does the FMAg/S identify the relevant5. Does the FMAg/S identify the fish farm	nt farm management area? m site(s) to which it applies? commencement of the agreement or statem	Y Y Y Y
Arrangements for Fish Health Manag 8. Does the FMAg/S identify the minimularm?	pement um health standards for the stocks to be intro	oduced to the area or Y
10. Does the FMAg/S identify the specie	ation requirements for stocks held in the area es of fish which may be stocked into the area num stocking density of any pen on any farm	a or farm?
	gements for the storage and disposal of any arm?	dead fish from any
Arrangements for The Management of 13. Does the FMAg/S identify arrangement	of Sea Lice nents for the sharing of data on sea lice numb	pers and treatments?
14. Does the FMAg/S identify the availa of statement?	ability and the use of medicines on farms cover	ered by the agreement Y
15. Does the FMAg/S identify any requilice on farms in the area or individual fa	rements for the sensitivity testing of available rms?	
16. Does the FMAg/S identify the circumused on farms in the area or individual f	nstances under which biological controls and farms?	I cleaner fish are to be
	gements for synchronous treatments on farm	ns within the area?
Live Fish Movements 18. Does the FMAg/S identify the circumarea or farm?	nstances when live fish may be introduced o	r removed from the
19. Does the FMAg/S identify the arrangor individual farms?	gements for the movement of live fish on and	d off sites in the area

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Harvesting 20. Does the FMAg/S identify acceptable	harvest practices on farms in the area or ind	dividual farms?
date when a farm or area may be restock 22. Does the FMAg/S identify whether or agreement or statement?	ne or more year classes may be stocked onto	o sites covered by the
Point of Compliance for Farm Manage 24. Does the farm management agreeme parties to the agreement?	ement Agreements Only ent include arrangements for persons to beco	ome, 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 of	operated in accordance with the agreement of the FMAg/S? 31/01/2022	or statement?

Case No:	2022-0420			Date of visit:	13/09/2022			
Site No:	FS0477			Inspector:				
Results Summary	Freq.			Da	te of Notifica	tion		
Nesults Summary	rreq.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
		Database	шор	THORIC	Пор	winding	Пор	2 IIISP
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, VMD	20/09/2022							
ECI, CNI, VMD SLA Amended Report	20/09/2022							
Amended Report	17/01/2023							





AMENDED FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0095 Date of Visit 13/09/2022
Site No FS0477 Site Name Bow of Hascosay
Case No 20220420 Inspector

This report replaces the fish health report R25 issued on 3 October 2022, by Removing the Annex section. The previous report should be discarded.

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.

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

R25

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: 17/01/2023

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0421			Date of visit: 12/09/2022
Time spent on site:	5hours	Main Inspecto	r:
Site No: SS0934 Business No: SB0558	Site Name: Business Name:	Mid Noost C.W.C Brown Ltd	
Case Types: 1 ECI 2	2 3	4 5	6
Water Temp (°C): 13.21	Thermometer No:	T308	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional inform	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:	

Additional Case Information:

Site has had no movements off site as of 12/09/2022.

Depuration unit is currently being installed in site shed.

Native and pacific oysters inspected on site were seen to be in good condition and growing well. Minimal fouling and seaweed seen across the site.

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Case No:	2022-0421]	Site No:	SS0934	4			
Date of Visit:		12/09/20)22		Inspector(s)	:		ı
Registration/Author	risation Deta	ails						
1. Business/site deta			y site represer	ntative?			Y	1
2. Changes made to	•		,				Υ	
Site Details (includ	le cleaner fis	h for all se	ections)					
Total No facilities		50	Facilities s	tocked	50	No facilitie	es inspected	50/50
Species	CGI	OED	CGI	OED		TTO TOOME		
Age group	2021	2021	2022	2022				
No Fish	150,000	50,000	150,000	150,000				
Mean Fish Wt	N/A	N/A	N/A	N/A				
Next Fallow Date (S		N/A	,, .	Next Input Da	ate (Site)	March 202	23	
Recent (last 4 wks)	•				Any escape:			N/A
If yes, detail:					, ,		,	
 4. Are movement re 5. Are records comp 6. Are health certific Transport Records 1. Are any movement If yes, is there a sys 	olete and corr ates for introd ats carried ou	ectly entereductions (o	ed? utwith GB) ava behalf) of the l	illable? business (not us	· ·			N/A N/A N/A
Mortality Records								
1. Mortality records	available for i	nspection?						Y
2. How are mortalities	es disposed c	of?			Other (detai	l)		
If other detail:	empty shells	s taken to s	hore and used	l as paths/road				
3. Mortality records								Y
4. Recent mortality (last 4 wks):								
5. Evidence of recer	nt increased/a	atypical mo	rtalities?					N/A
If yes, facility nos/no	mortality per	facility/no	stock per facili	ty/reason:				
6. Any other peaks i	n mortality du	ıring period	checked?					N/A
If yes, detail:								
7. Have increased (unexplained) mortalities been reported to vet or FHI?								N/A
If yes, detail action:								
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.								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				
1. Biosecurity records available for inspection?	Y			
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?				
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any				
increased (unexplained) mortality at the site been included?	Y			
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease				
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	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/A			
2. If yes, are results available for inspection?				
3. Any significant results?				
If yes, detail (if not detailed under recent disease problems).				
Records checked between: 04/11/2021 to 12/09/2022				

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FHI 059, Version 13	issued by: FHI			Date	or issue: 12
Case Number:	2022-0421 Site No:	SS093	4		
Date of Visit	12/09/2022 Inspector:			1	
Number of Susceptib	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	25
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)	0	3	3	
Sites within a tidal ex	1	2-5	>6		
Site contacts	Number of sites holding susceptible species within a tidal excursion	0	2	10	0
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Movements off	Frequency of movements off within MSS Management Areas	0	1	2	0
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	3
	Number of destinations	0	3	6	3
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	1
	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	0	2	2	
			Total Risk		40 HIGH

Case No:	2022-0421			Date of visit	: 12/09/2022	2			
Site No:	SS0934 Inspector:								
Results Summary	Freq.	Date of Notification							
	i i	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
			_						
	+								
	+								
	+		_						
			_				_		
	+								
Report Summary									
Case Type	Date	Insp	2 nd Insp						
ECI	21/09/2022								
		-							
	-								
	-								
	1								
	1								





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 SB0558
 DATE OF VISIT
 12/09/2022

 SITE NO
 SS0934
 SITE NAME
 Mid Noost

 CASE NO
 20220421
 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.

Record

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Signed:

Fish Health Inspector

Date: 21/09/2022

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 issue: 12/05/2020
Case No: 2022-0427]		Date of visit: 14/09/2022
Time spent on site:	30mins	Main Inspe	ector:
Site No: SS0614 Business No: SB0407	Site Name: Business Name:	Heocksness A&C Tait	
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C): 13.22	Thermometer No:	T308	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional in	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.
UNI/REG only - if unable to ca	rry out intended visit detail	reason below:	

Recently harvested out earlier in 2022, and currently holding spat on 5 double lines.

Lines were observed to have minimal fouling and seaweed.

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issue	e: 12/05/2020
Case No:	2022-0427		Site No:	SS0614]			
Date of Visit:		14/09/2022	2		Inspector(s):			
Registration/Autho	risation Deta	nils						
1. Business/site deta			site representa	ative?			Υ	
2. Changes made to	details?						N	
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities		5	Facilities sto	cked	5	No facilitie	s inspected	5
Species	MED							
Age group	2022 spat							
No Fish	N/A							
Mean Fish Wt	N/A							
Next Fallow Date (S	ite)	No plan		Next Input Da	te (Site)	currently c	ollecting spat	
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N/A
If yes, detail:								
Movement Records 1. Movement records 2. Date of last inspects 3. Are records computed. Are movement records computed for the conference of	s available for ction: blete and corre cords available blete and corre ates for introd	ectly entered' le for dead fis ectly entered' luctions (outv	sh and waste? ? vith GB) availa .half) of the bu	able? usiness (not usi			05/10/2017	Y N/A N/A N/A
Mortality Records		0					,	NI/AI
 Mortality records : How are mortalities 		•			Other (detail)			N/A
If other detail:			a b a al		Other (detail))		
3. Mortality records	empty shells							N/A
4. Recent mortality (•	Correctly em	none					14// (
5. Evidence of recer	·	tvnical morta						N/A
If yes, facility nos/no		• •		/reason·				,, .
11 you, radinty 1100/110	mortanty por	Taomey/110 occ	on por raomey	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
6. Any other peaks i	n mortality du	rina period cl	necked?					N/A
If yes, detail:		01						
7. Have increased (unexplained) r	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	ality events sl	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?		
D		
Biosecurity Records		V
Biosecurity records available for inspection?		Y
2. Has the manner and frequency of mortality removal, recording a	·	Ť
3. Has the manner and period in which the APB will notify Scottish	viinisters or veterinary professional of any	V
increased (unexplained) mortality at the site been included?	a consistent of the process of a listed discose	- 1
4. Has the action that will be taken in the event that the presence of is detected been included and <i>how</i> and <i>when</i> that will be notified to	•	Y
5. Has the health status of aquaculture animals being stocked on the		Y
health status, certification if required)?	ie faith site been covered (equal of higher	
6. Have the husbandry and biosecurity measures implemented bet	ween each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors,		
7. Is documentation available regarding the measures in place to m	aintain 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 be	nalf of, the business?	N/A
2. If yes, are results available for inspection?		
3. Any significant results?		
If yes, detail (if not detailed under recent disease problems).		
Deceards shooted hotters in	/2017-14/09/2022	
Records checked between: 05/10	ZU17-14/U3/ZUZZ	

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

TTITO59, VEISIOIT 13	issued by. I i ii			Date	UI 135UE. 12
Case Number:	2022-0427 Site No:	SS061	4		
Date of Visit	14/09/2022 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	3
	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	10
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Mayamanta aff					
Movements off	Frequency of movements off within MSS Management Areas	0	1	2	2
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	0
	Number of destinations	0	3	6	6
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	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	1
sites	Sites sharing staff and equipment	0	1	5	1
			Yes	No	
	Disinfection of equipment between sites, use of footbath	ıs etc	0	2	2
			Total Risk		25 MEDIUM

	00000010=				4.4/2.2/2.2			
Case No:	2022-0427	J		Date of vis	it: 14/09/20)22		
Site No:	SS0614	7		Inspecto	or:			
Results Summary	Freq.				ate of Notif	ication		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	_							
							_	
							_	
							_	
Report Summary								
Case Type ECI	Date	Insp	2 nd Insp					
ECI	22/09/2022	2						
	+							
	+							





SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 SB0407
 DATE OF VISIT
 14/09/2022

 SITE NO
 SS0614
 SITE NAME
 Heocksness

 CASE NO
 20220427
 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.

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

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

Fish Health Inspector

Date: 22/09/2022

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/

Signed:

FHI 059, Version 13		Issued by: FHI		Date of issue:	12/05/2020
Case No: 2022-0428			Da	te of visit: 14/09/2	2022
Time spent on site:	Omins	M	ain Inspector:		
Site No: SS0654 Business No: SB0422	Site Name: Business Name:	Selivoe Selivoe Shellfish			
Case Types: 1 ECI 2	2 3	4 5	6		
Water Temp (°C): 13.08	Thermometer No:	T308] FH	I 045 completed	
Observations:	Region: SH	Water type:	S	CoGP MA:	
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see add	ditional information	on/clinical score she on/clinical score she on/clinical score she	eet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:			

5 double lines stocked with mussels seeded in 2020.

Lines were observed to be heavily fouled with sea squirts.

FHI 059, Version 13	3		Issu	ed by: FHI			Date of issu	e: 12/05/2020
Case No:	2022-0428		Site No:	SS0654				
Date of Visit:		14/09/2022]		Inspector(s):		1
Registration/Auth	orisation Deta	ails						
1. Business/site de			ite representa	ative?			Y	1
2. Changes made t	o details?						N]
Site Details (inclu	de cleaner fis	h for all sect	ions)					
Total No facilities	do oloanoi no	8	Facilities sto	ocked	5	No facilitie	es inspected	8
Species	MED			T			T	
Age group	2020							
No Fish	N/A							
Mean Fish Wt	N/A							
Next Fallow Date (No plan		Next Input Da	ate (Site)	natural sp	at fall 2023	
Recent (last 4 wks)	disease probl	ems?		N	Any escape	es (since last		N/A
If yes, detail:								
Massamant Dagge	J.							
Movement Record 1. Movement record		r inepaction?						
2. Date of last inspe		i inspection:					06/11/2018	'
3. Are records com		actly entered?					00/11/2018	T Y
4. Are movement re	•	•		,				N/A
5. Are records com								N/A
6. Are health certific	•	•		able?				N/A
		`	,					
Transport Record								
1. Are any moveme					-			
If yes, is there a sys	stem in place f	or maintenan	ce of transpo	rtation records	?			
Mortality Records								
Mortality records		nspection?						N/A
2. How are mortalit					Other (deta	ıil)		
If other detail:		fall to the se	abed		(1111	,		
3. Mortality records								N/A
4. Recent mortality	•	Í	none					
5. Evidence of rece		typical morta						N/A
If yes, facility nos/n		* *		r/reason:				
C. Americath and a calca	in an autolita ala	-iiII						NI/A
6. Any other peaks If yes, detail:	in mortality du	ring period cr	necked?					N/A
7. Have increased	(unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:	• • •		,					
8. Have 'mortality e	vents' been re	ported to FHI	? If no, enter	details on mor	tality events	sheet.		N/A

Treatments and Medicines Records		
Recent treatments (see comment)?		
If yes, detail:		
If other, detail:		
Medicines records available for inspection?		
3. Are records complete and correctly entered?		
4. Are fish in a withdrawal period?		
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?		
or, no modismos stores appropriatory.		
Biosecurity Records		
Biosecurity records available for inspection?	!	Y
2. Has the manner and frequency of mortality removal, record	ding and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Sco	,	
increased (unexplained) mortality at the site been included?	, ,	Y
4. Has the action that will be taken in the event that the prese	ence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be not	ified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked	d on the farm site been covered (equal or higher	Y
health status, certification if required)?		
6. Have the husbandry and biosecurity measures implemente	ed between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, vis	sitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in plac	e to maintain the physical containment of	Y
aquaculture animals held on site?		
8. Have the biosecurity procedures been adequately impleme	ented on site?	Y
If no, detail:		
Results of Surveillance		
1. Has any animal health surveillance been carried out by, or	on behalf of, the business?	N/A
2. If yes, are results available for inspection?		
3. Any significant results?		
If yes, detail (if not detailed under recent disease problems).		
Records checked between:	05/10/2017-14/09/2022	

FHI 059, Version 13	issued by: FHI			Date	or issue: 12
Case Number:	2022-0428 Site No:	SS065	4		
Date of Visit	14/09/2022 Inspector:			1	
Number of Susceptil					
	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	3
	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	10
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Movements off					
iviovements on	Frequency of movements off within MSS Management Areas	0	1	2	2
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	0
	Number of destinations	0	3	6	6
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	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	1
sites	Sites sharing staff and equipment	0	1	5	1
			Yes	No	
	Disinfection of equipment between sites, use of footbath	ıs etc	0	2	2
			Total		25
			Risk		MEDIUM

Case No:	2022-0428			Date of visit:	14/09/2022	2		
Site No:	SS0654]		Inspector:		J		
Results Summary	Freq.			Da	te of Notifica	ition		
resource Summary	1 104.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
							-	
Report Summary				1				
Case Type	Date	Insp	2 nd Insp	1				
ECI	22/09/2022							





SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 SB0422
 DATE OF VISIT
 14/09/2022

 SITE NO
 SS0654
 SITE NAME
 Selivoe

 CASE NO
 20220428
 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.

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

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

Signed:

Fish Health Inspector

Date: 22/09/2022

FHI 059, Version 13	Iss	sued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0429			Date of visit: 14/09/2022
Time spent on site:	Omins	Main Inspect	or:
Site No: SS0748 Business No: SB0422	Site Name: Business Name:	Scuttavoe, Gruting Selivoe Shellfish	
Case Types: 1 ECI 2	3	4 5	6
Water Temp (°C): 13.09	Thermometer No:	T308	FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA:
Dead/weak/abnormally behaving	fish present?	N If yes, see additional info	rmation/clinical score sheet.
Clinical signs of disease observed	1?		rmation/clinical score sheet.
Gross pathology observed?		N If yes, see additional info	rmation/clinical score sheet.
Diagnostic samples taken?		N	
UNI/REG only - if unable to carry	out intended visit detail re	eason below:	

4 double lines inspected and observed that 2 and 3/4 lines are fully stocked and 1 line is empty. Stocked lines were observed to have a variety of year classes, with oldest stock seeding in 2020. These lines have not been thinned down.

Some lines were observed to be heavily fouled with sea squirts.

FHI 059, Version 13	3		Iss	ued by: FHI			Date of issue:	: 12/05/2020
Case No:	2022-0429	9	Site No:	SS074	8			
Date of Visit:		14/09/202	2		Inspector(s)	:		
Registration/Author	orisation De	etails						
1. Business/site det	ails summa	ry checked by	site represent	tative?			Υ	
2. Changes made to	o details?						N	
Site Details (includ	de cleaner f	ish for all sec	ctions)					
Total No facilities		4	Facilities st	ocked	3	No facilitie	es inspected 2	1
Species	MED	MED						
Age group	2020	2022 spat						
No Fish	N/A	N/A						
Mean Fish Wt	N/A	N/A						
Next Fallow Date (S		No plan		Next Input D	_ ` '		at fall 2023	
Recent (last 4 wks)	disease pro	blems?			N Any escapes	s (since last	visit)?	N/A
4. Are movement re 5. Are records comp 6. Are health certific Transport Records 1. Are any movement If yes, is there a sys	plete and co cates for intr s ents carried o	orrectly entered roductions (out out by (or on b	d? with GB) avai ehalf) of the b	lable? ousiness (not u	•		[[N/A N/A N/A
Mortality Records								
1. Mortality records		•			0.1 /1 / 1	\ <u></u>		N/A
How are mortaliti If other detail:					Other (detail)		
		ells fall to the se						N/A
3. Mortality records4. Recent mortality								IN/A
5. Evidence of rece			none					N/A
If yes, facility nos/no		* *		y/reason:			L	14/7
								NI/A
6. Any other peaks If yes, detail:	in mortality	auring period o	cnecked?					N/A
7. Have increased (unexplained	d) mortalities b	een reported	to vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality e	vents' been	reported to FH	II? If no, enter	r details on mo	rtality events s	heet.		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?	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.	ase
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	, Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	_
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N/A
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 06/11/2018-14/09/2022	
Records checked between. •••••••••••••••••••••••••••••••••••	

FHI 059, Version 13	Issued by: FHI			Date	of issue: 12
Case Number:	2022-0429 Site No:	SS074	8		
Date of Visit	14/09/2022 Inspector:				
Number of Susceptil	ble 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	3
	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	2
Live shellfish moven		0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent zone or		40	00	
	compartment including third country	0	10 5	20 10	0
	Number of suppliers	U	5	10	U
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
			Secure	Unsecure	
Management			(effluent	(no effluent	
practices		None	treatment)	treatment)	
Water contacts with	Depuration of stock from own sites within MSS				
depuration facilities	management area	0	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	is etc	0	2	2
			Total		7
			Risk		LOW

Case No:	2022-0429			Date of visit:	14/09/2022					
Site No:	SS0748	Inspector:								
Results Summary	Freq.	Date of Notification								
, , , , , , , , , , , , , , , , , , , ,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
			-				-			
Report Summary				1						
Case Type	Date	Insp	2 nd Insp							
ECI	22/09/2022									





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0422 Date of Visit 14/09/2022

SITE NO SS0748 SITE NAME Scuttavoe, Gruting

CASE NO 20220429 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 fourth year. The category of the site will be reassessed on a routine basis and updated as required.

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

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

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

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

Signed:

Fish Health Inspector

Date: 22/09/2022

FHI 059, Version 13	lss	sued by: FHI	Date of issue: 12/05/2020				
Case No: 2022-0430			Date of visit: 14/09/2022				
Time spent on site:	30mins	Main Inspec	tor:				
Site No: SS0812 Business No: SB0407	Site Name: Business Name:	North of Greenhead A&C Tait					
Case Types: 1 ECI	2 3	4 5	6				
Water Temp (°C): 13.22	Thermometer No:	T308	FHI 045 completed				
Observations:	Region: SH	Water type: S	CoGP MA:				
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet.							
UNI/REG only - if unable to carry	out intended visit detail re	eason below:					

4 double lines inspected and observed that 2 and 3/4 lines are fully stocked and 1 line is empty. Stocked lines were observed to have a variety of year classes, with oldest stock seeding in 2020. These lines have not been thinned down.

Some lines were observed to be heavily fouled with sea squirts.

FHI 059, Version 13	3		Issu	ed by: FHI			Date of issue:	12/05/2020
Case No:	2022-0430		Site No:	SS0812				
Date of Visit:		14/09/2022	3		Inspector(s):			
Registration/Auth	orisation Deta	ails						
1. Business/site de			ite representa	ative?			Υ	
2. Changes made t	•	•	·				N	
Site Details (inclu	de cleaner fis	h for all sect	ions)					
Total No facilities		2	Facilities sto	cked	2	No facilities	s inspected	2
Species	MED							
Age group	2022 Spat							
No Fish	N/A							
Mean Fish Wt	N/A							
Next Fallow Date (No plan		Next Input Da	ite (Site)	currently co	ollecting spat	
Recent (last 4 wks)	*	ems?			Any escapes			N/A
If yes, detail:				<u> </u>		`	,	
Movement Record	łe							
Movement recor		r inspection?					Г	Y
2. Date of last inspe							05/10/2017	
3. Are records com		ectly entered?	>				30, 10, 20 11	Y
4. Are movement re	•	•		•				N/A
5. Are records com							-	N/A
6. Are health certifi	•	•		able?				N/A
Transport Record	S							
1. Are any movement		t by (or on be	half) of the bu	ısiness (not usi	ing a STB)?		Г	
If yes, is there a sy								
Mortality Records	:							
Mortality records		nspection?					г	N/A
2. How are mortalit		•			Other (detail)			
If other detail:		fall to the sea	ahed		O (
3. Mortality records								N/A
4. Recent mortality		Í	none					
5. Evidence of rece	•	typical mortal						N/A
If yes, facility nos/n		• •		/reason:			_	
6. Any other peaks	in mortality du	ring period ch	necked?					N/A
If yes, detail:		poriou or						,,,
7. Have increased	•	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 sh	neet		N/A
or riato mortanty c	TOTAL DOON TO	P31104 10 1 1 11	,	actano on more	and overlie of	.501.		,, , ,

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?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	1
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?	1
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	V
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	T V
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	I
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/A
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 05/10/2017-14/09/2022	

FHI 059, Version 13	Issued by: FHI			Date	of issue: 12/
Case Number:	2022-0430 Site No:	SS081	2		
Date of Visit	14/09/2022 Inspector:				
Number of Susceptil	ole species on site				
-	ies present = <u>LOW</u> risk				
	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	0
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	2
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
Wovernonte on	Frequency of movements on from equivalent zone or		-	-	
	compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Movements off	Frequency of movements off within MSS Management Areas	0	1	2	2
	Frequency of movements off outwith MSS Management				
	Areas	0	3	6	0
	Number of destinations	0	3	6	6
			Secure	Unsecure	
Management			(effluent	(no effluent	
practices		None	treatment)	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	2
sites	Sites sharing staff and equipment	0	1	5	5
			Yes	No	
	Disinfection of equipment between sites, use of footbath	s etc	0	2	2
			Total		22
			Risk		MEDIUM
			NISK		III DION

Coop No.	2022 0420			Data of vi	14/00/20	222				
Case No:	2022-0430	J		Date of V	sit: 14/09/20	<i>J</i>				
Site No:	SS0812]		Inspec	tor:					
Results Summary	Freq.	Date of Notification								
		Database	e Insp	Phone	Insp	Writing	Insp	2 nd Ir		
			_							
	+									
	-									
Report Summary										
Case Type	Date	Insp	2 nd Insp							
ECI	22/09/2022									
	+									
1										





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0407 Date of Visit 14/09/2022

SITE NO SS0812 SITE NAME North of Greenhead

CASE NO 20220430 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.

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

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

Signed:

Fish Health Inspector

Date: 22/09/2022

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0434			Date of visit: 15/09/2022
Time spent on site:	hour	Main Inspec	etor:
Site No: FS1105 Business No: FB0452	Site Name: Business Name:	Human Genetics Unit Medical Research Council	
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C): 28.5	Thermometer No:		FHI 045 completed
Observations:	Region: LO	Water type: F	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional info	ormation/clinical score sheet. ormation/clinical score sheet. ormation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta		
		research site	

When fish observed with dropsy (ascites and raised scales) fish affected are euthanized and not treated. In 2021 13 fish were killed with dropsy (5-10000 fish on site).

The site is comprised of three separate rooms, The Quarantine room C901, Ganga room C925 and Yamuna room C919. Any intakes of fish are placed in the quarantine room and only bleached ova are removed from this room to stock the other two rooms. Fish are also tested prior to ova leaving the room.

Discharge water filtered for solid waste to 50 micros. The filtered material is incinerated as medical waste. The water is also UV sterilised prior to discharge into the sewage system.

Mortalities are frozen and stored before being incinerated as medical waste.

Artemia - live feed is used for feeding early stages.

Water source is mains water passed through a mil Q H57060 or a rios 100 to remove any choline, chloride or ammonia and produce deionised water

Regular health screens for the guarantine room and once every 3 years from Ganga and Yamuna if no health problems arise.

Fish classified as embryos from fertilisation until 120 hours, larvae 5days-30days, juvenile 30 days to 3 months then adult.

Current mortality is about 1-3 fish per day in each room. Mainly first feed and development issues.

Looking to export fish to Spain - zero commercial value but as export site and business will be updated to APB.

Health screens PCR for Edwardsiella ictaluri, Flavobacterium columnare, Ichthyophthirius multifiliis, Infectious spleen & kidney necrosis virus (ISKNV), Mycobacterium abscessus, Mycobacterium chelonae, Mycobacterium fortuitum, Mycobacterium gordonae, Mycobacterium haemophilum, Mycobacterium marinum, Mycobacterium peregrinum, Mycobacterium saopaulense, Myxidium streisingeri, Piscinoodinium pillulare, Pleistophora hyphessobryconis, Pseudocapillaria tomentosa, Pseudoloma neurophilia, Zebrafish picornavirus (ZfPV-1)

Last health screen 16/6/22 results positive for Mycobacterium chelonae, Mycobacterium fortuitum and Mycobacterium gordonae on samples taken from sludge from Yamuna and Ganga. Fish and embryo samples were negative

No moribund, lethargic or dead fish observed.

No BMP at time of visit as site is a research facility. One has since been submitted for authrisation.

FHI 059, Version 13			Iss	ued by: FHI			Date of issu	ue: 12/05/2020
Case No:	2022-0434		Site No:	FS110	5			
Date of Visit:		15/09/202	2		Inspector(s)			1
Registration/Autho	risation De	tails						
1. Business/site deta			site represent	tative?			Y	1
2. Changes made to		•	·				Υ	1
Site Details (includ	e cleaner fi	sh for all sec	tions)					
Total No facilities		1000	Facilities st	ocked	1000	No facilitie	es inspected	1000
Species	zebra fish	zebra fish	zebra fish	zebra fish			T	
Age group	embryos	larvae	juv	adult				
No Fish	500	1,000	1,000	6,000				
Mean Fish Wt	<1g	<1g	<1g	1g				
Next Fallow Date (S	ite)	none plane		Next Input D	ate (Site)	none plar	ned	
Recent (last 4 wks)	disease prob				N Any escapes	s (since last	visit)?	N
If yes, detail:						<u>, </u>	·	
4. Are movement red 5. Are records comp 6. Are health certification Transport Records 1. Are any movement If yes, is there a systematical systematical systematical red for the systematical systematical red for the systema	elete and cor ates for intro ats carried o	rectly entered aductions (out ut by (or on be	l? with GB) avai ehalf) of the b	lable? ousiness (not us				Y Y N/A
Mortality Records								
1. Mortality records a	available for	inspection?						Y
2. How are mortalities	es disposed	of?			Incinerated -	on site		
If other detail:								
3. Mortality records of	complete an	d correctly en	tered?					Y
4. Recent mortality (Ť	about 60 pe	er week				
5. Evidence of recer		atypical morta						N
If yes, facility nos/no	mortality pe	er facility/no st	ock per facilit	y/reason:				
		•	•	•				
6. Any other peaks in	n mortality d	uring period o	hecked?					N
If yes, detail:								
7. Have increased (u	unexplained)	mortalities b	een reported	to vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been r	eported to FH	II? If no, enter	details on mo	rtality events s	heet.		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?		
2. Has the manner and frequency of mortality removal, reco	rding and safe disposal been considered?	
3. Has the manner and period in which the APB will notify S	cottish 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 pres		
is detected been included and how and when that will be no	otified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stock	ed on the farm site been covered (equal or higher	
health status, certification if required)?		
6. Have the husbandry and biosecurity measures implemen	ted between each epidemiological unit to minimise	
transmission of disease been covered (movement of staff, v	risitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in pla	ace to maintain the physical containment of	
aquaculture animals held on site?	' '	
8. Have the biosecurity procedures been adequately implem	nented on site?	
If no, detail:		
Results of Surveillance		
1. Has any animal health surveillance been carried out by, o	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:	15/8/21-15/8/22	

Case No:	2022-0434			Date of visit:	15/09/2022	2					
Site No:	FS1105	1		Inspector:							
		Date of Notification									
Results Summary	Freq.	Detabase	lnon		iting Insp 2 nd Insp						
		Database	Insp	Phone	Insp	Writing	insp	2 nd Insp			
							=				
							-				
							-				
							-				
Report Summary				1							
Case Type	Date	Insp	2 nd Insp								
REG	11/10/2022										





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0452 Date of Visit 15/09/2022

SITE NO FS1105 SITE NAME Human Genetics Unit

CASE No 20220434 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 information held with regard to the Human Genetics Unit as verified and where necessary updated. The following records were also inspected:

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.

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: 11/10/2022

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0437			Date of visit: 20/09/2022
Time spent on site:	1.5 hours	Main Inspec	etor:
Site No: FS0274	Site Name:	Millburn	
Business No: FB0137	Business Name:	Millburn Salmon Hatchery	
Case Types: 1 ECI	2 VMD 3 CNI	4 5	6
Water Temp (°C): 10.2	Thermometer No:	Site	FHI 045 completed
Observations:	Region: OR	Water type: F	CoGP MA
Dead/weak/abnormally behaving fish present? Y If yes, see additional information/clinical score sheet.			
Clinical signs of disease observ	/ed?		ormation/clinical score sheet.
Gross pathology observed? N If yes, see additional information/clinical score sheet.			ormation/clinical score sheet.
Diagnostic samples taken?		N	
UNI/REG only - if unable to carry out intended visit detail reason below:			

Infection with Flavobacterium (RTFS) in May 22 resulted in significant mortalities across the site (71,053 fish lost during the month of May). FVG were consulted and prescription provided for Florocol 19/05/22 - 29/05/22.

Fish haven't yet been counted since the mass mortality occurred in May so site manager is unsure of the exact count. Fish are being graded in November when they are vaccinated with PD1 and Alphaject6 so an accurate count will be available at this time.

Site manager only records mortality count over the month and doesn't calculate weekly mortality percentages. As a result, the mortality event in May, which resulted in a loss of almost 50% of the stock at the time, was not reported as required. This was discussed with the site manager at the time and he has agreed to record weekly mortality percentage going forward.

During the site inspection, 1 mortality and 1 moribund were observed across the site.

Fish taken for VMD sample appeared healthy both externally and internally.

Siter thermometer used to minimise biosecurity risk.

CNI case type was added to case sheet and FHR was re-issued - 12/01/23

FHI 059, Version 13		Issu	ed by: FHI			Date of issue	e: 12/05/2020
Case No: 2022	2-0437	Site No:	FS0274				
Date of Visit:	20/09/2022	2		Inspector(s)	:		j
Registration/Authorisati	ion Details						
1. Business/site details su		site representa	ative?			Υ	1
2. Changes made to detain		·				N	1
Site Details (include clea	aner fish for all sec	tions)					
Total No facilities	14	Facilities sto	cked	2	No facilities	s inspected	14
Species SAL							
Age group 22 S	1						
No Fish 40,0	00						
Mean Fish Wt 18-2							
Next Fallow Date (Site)	Feb 23	•	Next Input Da	ate (Site)	Apr 23		
Recent (last 4 wks) disease	se problems?		•	Any escapes	s (since last v	/isit)?	N
If yes, detail:					`	,	
 Movement records ava Date of last inspection: Are records complete at Are movement records Are records complete at Are records complete at Are health certificates f Transport Records Are any movements call yes, is there a system in Mortality Records Mortality records availa 	and correctly entered available for dead find and correctly entered for introductions (out arried out by (or on be an place for maintenar	? sh and waste? ? with GB) availa	able? usiness (not us	_		14/06/2022	Y Y Y Y
2. How are mortalities dis	•			Other (detail	I)		<u> </u>
	en to Cooke Lyness	shorehase who	ere they are sto	•	•		
Mortality records comp			ore triey are ste	orea iii akipa j	prior to apint.		Y
4. Recent mortality (last 4	•		fish, Septembe	ar 25 fich			
5. Evidence of recent incr	•		non, ocptembe	20 11311			N
If yes, facility nos/no mort	• •		/reason:				
C. A	4-14	h l d O					
6. Any other peaks in mor If yes, detail:			A 44	anatarial inf	tian.		Y
· · ·	thly mortality for June			pacterial inted	ction.		N/A
7. Have increased (unexp	maineu) mortalities be	en reported to	Vector FHI?				IN/A
If yes, detail action: 8. Have 'mortality events'	heen reported to EU	12 If no enter	details on mort	tality events s	heet		N

_ , ,		
Treatments and Medicines Records		NI
Recent treatments (see comment)? If yes, detail:		IN
If other, detail:		
Medicines records available for inspection?		Y
Are records complete and correctly entered?		Y
4. Are fish in a withdrawal period?		N
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
Biosecurity records available for inspection?		Y
2. Has the manner and frequency of mortality removal, rec	•	Y
3. Has the manner and period in which the APB will notify	• • • • • • • • • • • • • • • • • • • •	V
increased (unexplained) mortality at the site been included		1
4. Has the action that will be taken in the event that the pre is detected been included and <i>how</i> and <i>when</i> that will be a	· · · · · · · · · · · · · · · · · · ·	V
5. Has the health status of aquaculture animals being stoc		Y
health status, certification if required)?	Red Off the fairth site been covered (equal of higher	
Trouble of the state of the sta		
6. Have the husbandry and biosecurity measures impleme	ented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff,		
7. Is documentation available regarding the measures in p	lace to maintain the physical containment of	Y
aquaculture animals held on site?		
8. Have the biosecurity procedures been adequately imple	mented on site?	Y
If no, detail:		
Results of Surveillance		
Has any animal health surveillance been carried out by,	or on hehalf of the business?	N
2. If yes, are results available for inspection?	of off behalf of, the business:	- 10
3. Any significant results?		
If yes, detail (if not detailed under recent disease problems	3)	
myss, setain (in first detailed diffusi 1999); all disease problems	7	
Records checked hetween:	14/06/2022 - 19/09/2022	

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2022-0437		Site No:	FS0274		Insp:	
Date of Visit	20/09/2022		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	0
	Number of supp	ocluding third country	0			14	0
Movements off	Frequency of m		1 0			10	3
Movements on	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				0
susceptible to same diseases)	farms upstream	or in a coastal zone with category I 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	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	1			3
	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	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	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				0
	No		2				
					Total Rank		10 LOW

Case No:	2022-0437	:	Site No:	FS0274	
 Is the CoGP Farm M Does the site have a azamethiphos and ema 	Seawater Sites Only) Inced sea lice problems in the problems and the problems in the problems are also as a sea of licenced interesting benzoate) as well as a fin a reasonable period of time?) fallowed synchronously on feed and bath sea lice medic ccess to suitable biological a	cations (in	cluding deltamethrin,	ires, and
4. Is there a signed doo Management Area (or	cumented farm management ag equivalent)?	reement or statement releva	ant to the s	ite and CoGP Farm	
	cords available for inspection? ely reflect the required standard	` • · · · · · · · · · · · · · · · · · ·	CoGP? (L	egal SSI, CoGP Anne	ex 6)
7. Are sea lice (L. salm records are inspected?	onis) record levels below the set (CoGP Annex 6)	uggested criteria for treatme	nt in the Co	oGP during the period	that
	female sea lice (<i>L. salmonis</i>) no 0/6/19) during the period that re		vel of 3 or a	above (prior to w/b 10/	/6/19) or
If yes, have these been	reported to the Fish Health Ins	pectorate? If no, FHI see co	mment.		
9. Is C. elongatus infes	station at a level which is consid	lered to cause significant we	lfare proble	ems? (CoGP 4.3.81, 5	5.3.50)
suggested criteria for tr	eatments been administered or reatment or where <i>C. elongatus</i>	is considered to have welfa			
•	n been taken (where applicable eatments or the actions taken h		the lice le	vels recorded?	
•	earments of the actions taken in ere conducted, carried out in co	•			
	g strategy for the site, where fe		_		nt for
	ific written lice management pro scalation of a sea lice infestation		ribing set a	actions to deal with red	cognised
16. Do the sea lice leve	els observed on stocks reflect se	ea lice count data? If no plea	ase detail r	easons.	
Containment Inspecti 1. Has the site experier	on nced equipment damage due to	predators in the current or p	previous pr	oduction cycles?	N
2. Are measures in place	ce to mitigate against the preda	tion experienced on site? (D	etail below	·)	Y
Site indoors		k nets			
If other, detail below:					
If Yes proceed with que 4. Have these been rep 5. Have these been rep	nts or events been experienced estions 4 – 9. If No skip to quest ported to Scottish Ministers? ported to local DSFB forthwith (v	tion 10 where they exist)? (CoGP –	4.4.37, 5.4	i.17)	
•	ported to the SSPO and local fis		e they exis	t)? (CoGP – 4.4.37, 5.	.4.17)
7. Were methods (if an	y) used to recover escapees? If	r yes give detail			
8. If gill nets were deplo Ministers? (Legal, CoG	oyed was this action agreed with P – 4.4.38, 5.4.18)	n local wild fish interests and	l was perm	ission given by Scotti	sh
9. What action was tak	en to prevent and minimise the	risk of further escapes? (No	t covered i	n code but could	
	satisfactory measures of the	•			
10. Is the site inspected	d as satisfactory with regards to	containment? If no, please	detail reas	on(s)	Υ

Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

Case No: 2022-0437 Site No: FS0274 Date of visit: 20/09/2022

Start date:	End date: (if applicable)	Size of fish:	Average weight of affected population:	Species:	Yearclass (SW SAL only):	Timescale	Mortality rate recorded(%):	Explained/ unexplained:	If explained, select reason(s):
01/05/22	31/05/2022	5g to smolting	15g	SAL		5 weeks	50.00	Explained	RTFS

If unexplained, select observations:	Total mortality during event (if available):	Additional information (e.g. action taken by company):	Action taken by FHI (include case no where applicable):	Yearclass Year
	71,053	Treatment with Florocol prescribed by FVG.	Mortality picked up during routine inspection. No further action.	2022

		-				_				
Case No:	2022-0437	J		Date of visit:	20/09/202	2				
Site No:	FS0274	1		Inspector:						
One 140.	1 002/4	J		mspector.						
Results Summary	Freq.			Da	Date of Notification					
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
		-								
		1								
Report Summary				1						
Case Type	Date	Insp	2 nd Insp							
ECI, VMD	29/09/2022									
Re-issue report (CNI)	12/01/2023									





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0137 DATE OF VISIT 20/09/2022 SITE NO FS0274 SITE NAME Millburn

CASE NO 20220437 INSPECTOR

This report replaces the fish health report R04 issued on the 29th of September 2022, amending the section concerning containment and escapes. The previous report should be discarded.

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.

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

Mortality records were inspected and found to be adequately maintained.

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 12/01/2023

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/

FHI 059, Version 13	Iss	ued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0438			Date of visit: 20/09/2022
Time spent on site:	30 minutes	Main Inspe	ector:
Site No: SS0806 Business No: SB0501	Site Name: Business Name:	Lamb Holm Quarry O-Fish-Shell Ltd	
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C): N/A	Thermometer No:		FHI 045 completed
Observations:	Region: OR	Water type: S	CoGP MA
Dead/weak/abnormally behavior Clinical signs of disease obser Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional in	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.
UNI/REG only - if unable to car	rry out intended visit detail re	eason below:	

Additional Case Information:

Mortalities aren't generally observed on the site due to cannibalistic nature of species stocked. Quarry is drained in winter prior to restocking the following year. Any mortalities observed at this time would be recorded in the site diary. Site manager estimates an annual shortfall of 2-3%.

All lobsters remaining at the end of the year are moved off to Spain for human consumption.

Some berried hens were moved off to neighbouring site 'Lamb Holm SS0548' where the eggs are removed for ongrowing before the lobsters are moved back into the quarry. These movements hadn't been recorded. Site manager collected the movement information from Lamb Holm to complete his movement records. NFA.

Lobsters on site are sourced from local fisherman.

FHI contact details were incorrect in the sites BMP. These were updated at the time of inspection.

Paperwork and site inspected by supervised by

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issue:	: 12/05/2020	
Case No:	2022-0438		Site No:	SS0806					
Date of Visit:		20/09/2022]		Inspector(s):				
Registration/Author	orisation Deta	ils							
1. Business/site det	ails summary	checked by s	ite representa	ative?			Υ		
2. Changes made to	o details?						Υ		
Site Details (includ	le cleaner fis	h for all sect	ions)						
Total No facilities		1	Facilities sto	cked	1	No facilities	s inspected		
Species	HGA								
Age group	6+ years								
No Fish	10,000kg								
Mean Fish Wt	500-1300g								
Next Fallow Date (S	*	Jan 2023		Next Input Da		Late July 2			
Recent (last 4 wks)	disease proble	ems?		N	Any escapes	(since last v	/isit)?	N	
If yes, detail:									
	Movement Records 1. Movement records available for inspection?								
2. Date of last inspe							24/07/2020		
Are records comp	olete and corre	ectly entered?	?			,		Y	
4. Are movement re				•				N/A	
5. Are records comp		•						N/A	
6. Are health certific	ates for introd	uctions (outw	/ith GB) availa	able?			L	N/A	
Transport Records									
1. Are any moveme		by (or on be	half) of the bu	usiness (not usi	ing a STB)?		Г		
If yes, is there a sys					_		t		
Mortality Records	available for in	enection?						N/A	
 Mortality records How are mortalities 					Other (detail)			IN/A	
If other detail:			ue to canniba	llistic behaviou	,				
3. Mortality records				ilistic beriaviou				N/A	
4. Recent mortality	•	con cony one	None observ	/ed					
5. Evidence of recei		typical mortal		· · ·				N/A	
If yes, facility nos/no		••		/reason:			-		
	, ,	•							
6. Any other peaks i	in mortality du	ring period ch	necked?					N/A	
If yes, detail:									
7. Have increased (unexplained) r	nortalities be	en reported to	vet or FHI?				N/A	
If yes, detail action:									
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.								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?		Y
2. Has the manner and frequency of mortality removal, recording	g and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scotti	ish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?		Y
4. Has the action that will be taken in the event that the presence		
is detected been included and how and when that will be notified		Y
5. Has the health status of aquaculture animals being stocked of	on the farm site been covered (equal or higher	Y
health status, certification if required)?		
6. Have the husbandry and biosecurity measures implemented		Y
transmission of disease been covered (movement of staff, visito	· · · · · · · · · · · · · · · · · · ·	
7. Is documentation available regarding the measures in place t	to maintain the physical containment of	Y
aquaculture animals held on site?		
8. Have the biosecurity procedures been adequately implement	ed on site?	Y
If no, detail:		
Results of Surveillance		
1. Has any animal health surveillance been carried out by, or on	behalf of, the business?	N
2. If yes, are results available for inspection?		
3. Any significant results?		
If yes, detail (if not detailed under recent disease problems).		
December the cheek of het many	10710000 0010010000	
Records checked between: 24	1/07/2020 - 20/09/2022	

FHI 059, Version 13	Issued by: FHI			Date	of issue: 12
Case Number:	2022-0438 Site No:	SS080	6	j	
Date of ∀isit	20/09/2022 Inspector:			1	
Number of Susceptib	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 ex	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal excursion	0	2	10	0
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Movements off					
Movements on	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	0
	Frequency of movements off <u>outwith</u> 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	1
sites	Sites sharing staff and equipment	0	1	5	U
			Yes	No	
	Disinfection of equipment between sites, use of footbath	s etc.	0	2	2
			Total		3
			Risk		LOW

Case No:	2022-0438	l		Date of visit:	20/09/2022			
Site No:	SS0806	1		Inspector:				
One 140.	000000	J		пізресіог.				
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
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	-							
	 							
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	1							
	-							
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Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	29/09/2022							
	<u> </u>							
	 							
	 							





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0501 Date of Visit 20/09/2022

SITE No SS0806 SITE NAME Lamb Holm Quarry

CASE NO 20220438 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 fourth year. The category of the site will be reassessed on a routine basis and updated as required.

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

Aquaculture animal and aquaculture animal product movement records were inspected and found to be inadequately maintained. Some movements were missing from the record. These were entered during the inspection and require no further action.

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

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

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

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

Date: 29/09/2022

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/

Signed:

Fish Health Inspector