FHI 059, Version 13	Į:	ssued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0478			Date of visit: 09/11/2021
Time spent on site:	5hrs	Main Ins	spector:
Site No: FS0254 Business No: FB0125	Site Name: Business Name:	Knock Scottish Sea Farms Ltd	
Case Types: 1 ECI 2	2 CNI 3 VMD	4 MIX 5	6
Water Temp (°C): 11	Thermometer No:	Site	FHI 045 completed
Observations:	Region: ST	Water type: F	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see additiona	I information/clinical score sheet. I information/clinical score sheet. I information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail	reason below:	

Additional Case Information:

Fish have historically been imported from Northern Ireland and Norway, however site is now receiving stock from Aquagen in Dumfries.

Fish were vaccinated against IPN and PD in wk37. Furunculosis was present at the start of October 21, 3-4 weeks following vaccination. Site responded with a Florocol treatment which cleared up the infection.

Since input, site has treated with Cress, Florocol and Aquacen in response to bacterial and fungal infections.

Fish appeared in good condition in the majority of tanks across the site. Mortalities were observed in tanks A1 and A6 and site manager reported that these tanks were positive for A.salmonicida. Discussions were ongoing with the company health team at the time of inspection on how best to proceed. Mortality has otherwise been low since input and has not exceeded the reporting threshold.

Fish sampled for VMD appeared healthy.

Site thermometer used due to biosecurity risk.

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issu	e: 12/05/2020
Case No:	2021-0478		Site No:	FS0254				
Date of Visit:		09/11/2021]		Inspector(s):			I
Registration/Author	orisation Deta	nils						
1. Business/site deta			ite representa	ative?			Υ	1
2. Changes made to	details?	·					Υ]
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities		40	Facilities sto	cked	16	No facilitie	es inspected	40
Species	SAL						T	
Age group	2020 S0							
No Fish	623,000							
Mean Fish Wt	170g							
Next Fallow Date (S		Dec 21		Next Input Da	ite (Site)	Mar 22	•	
Recent (last 4 wks)	,				Any escapes		visit)?	N
If yes, detail:	Furunculosis				i iii y coccip co	(0.0.00		
Massaurant Dagand								
Movement Record		r inapportion?						
1. Movement record		inspection?					00/40/0000	'
2. Date of last inspe		41					08/12/2020	
3. Are records comp		•						ľ
4. Are movement re								Y
5. Are records comp		•						Y
6. Are health certific	ates for introd	uctions (outw	ith GB) avalla	able?				Ť
Transport Records	•							
1. Are any movemen	nts carried out	by (or on be	half) of the bu	ısiness (not usi	ing a STB)?			Y
If yes, is there a sys	tem in place f	or maintenan	ce of transpor	rtation records	?			Y
Mortality Records								
1. Mortality records	available for ir	nspection?						Y
2. How are mortalitie	es disposed o	f?			Biogas - Bark	кір		
If other detail:								
3. Mortality records	complete and	correctly ente	ered?					Y
4. Recent mortality	(last 4 wks):		wk43: 592 (0).09%), wk42: ⁻	1,805 (0.29%)	, wk41: 7,9	27 (1.25%), w	/k40: 3,425
Evidence of recer	nt increased/a	typical mortal	īties?					Y
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
Increase in mortaliti			to furunculosi	s. Tanks A1 ar	nd A6 were wo	rst affected	I. Treated with	n Florocol
and mortalities redu								l N
6. Any other peaks i If yes, detail:	n mortality du	ring period ch	ecked?					N
•	unevolained)	mortalities ha	on reported to	vot or EUI2				N/A
7. Have increased (If yes, detail action:	unexplained) i	nortailles de	en reported to	VELOI FILI!				IN/A
•	vantal baan ==	ported to EUI	2 If no onto:	dotaile en mart	colity overte ab	oot		N/A
Have 'mortality ev	rents been re	ported to FHI	r ii no, enter (uetalis on mort	anty events sr	ieet.		IV/A

Treatments and M	edicines Rec	cords	
Recent treatmen			Y
	`	Florfenicol,	
		Formalin,	
If yes, detail:		Pyceze	
	Cress and	500 DD was recorded for withdrawal period.	
	Aquacen		
	were		
	prescribed		
If other details	under		
If other, detail: 2. Medicines record	cascade.	r inepaction?	
3. Are records com		·	
4. Are fish in a with	•	·	
5. If yes, what treat	•		<u> </u>
5. II yes, what treat	Cress and	Florfenicol, Formalin, Pyceze	
	Aquacen		
	were		
	prescribed		
	under		
	cascade.		
	500 DD		
	withdrawal		
	period was		
If other, detail:	recorded.		
Are medicines st	ored appropri	ately?	Y
Biosecurity Recor			
Biosecurity recor		·	Y
		y of mortality removal, recording and safe disposal been considered?	Y
		which the APB will notify Scottish Ministers or veterinary professional of any	
, ,	•	y at the site been included?	T
		en in the event that the presence or suspicion of the presence of a listed disease	
		ow and when that will be notified to Scottish Ministers?	ľ
		culture animals being stocked on the farm site been covered (equal or higher	
health status, certifi	cation ii requi	ieu)?	
6. Have the bushen	dm, and bioss	quity magazina implemented between each enidemialagical unit to minimica	
	•	curity measures implemented between each epidemiological unit to minimise vered (movement of staff, visitors, equipment, live or dead fish etc.)?	<u>'</u>
		parding the measures in place to maintain the physical containment of	Y
aquaculture animal			
•		es been adequately implemented on site?	Y
If no, detail:	inty procedure	20 Doon adoquately implemented on site:	
,			
Results of Surveil	lance		
		ance been carried out by, or on behalf of, the business?	Y
2. If yes, are results		·	Y
3. Any significant re			Y
•		recent disease problems). Aeromonas salmonicida identified in w	vk41.
	Records ched	cked between: 08/12/2020 - 04/11/2021	

FHI 059, Version 13	Issued by: FHI		Date of issue: 12/05/2
Case No: 2021-0478		Site No:	FS0254
Sea Lice Inspection (Seawater Sit	es Only)		
1. Has the site experienced sea lice			
_	rea (or equivalent) fallowed synchronously on		
	nge of licenced in-feed and bath sea lice medic bate) as well as access to suitable biological a sole period of time?		
4. Is there a signed documented farm Management Area (or equivalent)?	n management agreement or statement releva	ant to the sit	e and CoGP Farm
	le for inspection? (Legal SSI, CoGP Annex 6)		
6. Do records adequately reflect the	required standard specified in the SSI and the	CoGP? (Le	egal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record records are inspected? (CoGP Anne	evels below the suggested criteria for treatments ex 6)	nt in the Co	GP during the period that
<u> </u>	e (<i>L. salmonis</i>) numbers per fish been at a level the period that records are inspected?	vel of 3 or al	bove (prior to w/b 10/6/19) or
	ne Fish Health Inspectorate? If no, FHI see co rel which is considered to cause significant we		ms? (CoGP 4.3.81, 5.3.50)
	n administered or other actions taken when <i>L.</i> nere <i>C. elongatus</i> is considered to have welfa		
11. Has any other action been taken	(where applicable)?		
•	ne actions taken had a significant impact upon		els recorded?
	I, carried out in cooperation between participa	_	hold without treatment for
sea lice?	the site, where fewer populations or part popu	nations are i	neid without treatment for
15. Is there a site specific written lice scenarios during the escalation of a	management procedure with waypoints descrete infestation?	ribing set ac	ctions to deal with recognised
16. Do the sea lice levels observed	n stocks reflect sea lice count data? If no plea	ase detail re	asons.
Containment Inspection			
	nt damage due to predators in the current or p		
· · · · · ·	against the predation experienced on site? (D	etail below)	Υ
Site indoors, top nets, pest control			
contract and			
tanks outside are			
covered. If other, detail below:			
ii otrier, detail below.			
3. Have escape incidents or events	been experienced on or in the vicinity of the si	ite since the	last FHI inspection?
If Yes proceed with questions $4 - 9$.			
4. Have these been reported to Scot		4 4 07 5 4	47)
•	DSFB forthwith (where they exist)? (CoGP – SPO and local fisheries trusts forthwith (where		
o. Have these been reported to the v	or of and local hisheries trusts for thinking (when	e triey exist,): (COG) = 4.4.37, 3.4.17)
7. Were methods (if any) used to red	over escapees? If yes give detail		
	action agreed with local wild fish interests and	d was permi	ssion given by Scottish
Ministers? (Legal, CoGP – 4.4.38, 5	,		
	and minimise the risk of further escapes? (No	t covered in	code but could
be considered under satisfactory	measures of the Act) bry with regards to containment? If no, please of	detail rease	n(s)
To. 13 the site inspected as satisfact	Ty with regards to containine it? If no, please	detail 16a50	1

Date of issue: 12/05/2020

FHI 059, Version 13		Issued by: FHI			Date o	of issue	: 12/05/2020
Case Number:	2021-0478		Site No:	FS0254		Insp:	
Date of Visit	09/11/2021		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	
	Number of supp	cluding third country	0		10	14	0
Manager 2015							10
Movements off	Frequency of m Number of dest		0		6	10 10	3
Exposure via water	Trainibor or door	Site contacts	ļ		6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through porehole)	0				
susceptible to same diseases)		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	cessing	0				0
	Processing owr	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2	1			
	Processing fish equivalent statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0	1			0
products	Common proce	sses with other farms	3				
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	,]			0
l l l l l l l l l l l l l l l l l l l	Feeding unpast	•	5				ŭ
Biosecurity		Number of sites	1	J 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing st	aff and equipment	0	1	2		0
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0	1			0
	No		2				
					Total Rank		14 LOW

Prior Time starts Envir Sum Add Fis	e no: rity samples: e sampling ts/ends: ironmental conditions: nmary samples		0:00 Indoors	Site No: BA 11:0		FS0254 PA		MG	Date of vi Sampling		09/1	11/2021	09/
Time starts Envir	e sampling ts/ends: ironmental conditions:					РА		MG	Camping				
Sum Add Fis Pool Fish Pool	ts/ends: ironmental conditions:			11:0	0:00	1							
Add Fis Pool Fish Pool		۱۱				l I 3	Inspecto	or:			VMD No	·. [27
Add Fis	nmary samples		indoors	2		ا ع ا		4		5			
Pool/ Fish Pool	•	HIST		ВА		MG		VI		PA		Total Sai	mples
Pool	ish/Pools - click												
	nos	F1-5	F6-10	F11-15	F16-19	F20-23	F24-27						
	l Group												
Spec	cies	SAL	SAL	SAL	SAL	SAL	SAL						
Aver	rage weight	170g	170g	170g	170g	170g	170g						
Sex		N/A		N/A			N/A						
Wate	er Type	FW	FW	FW	FW	FW	FW						
Stock Details Stock Contails Contails		Holywood Breeding Centre FS0614											

11/2021	Addition	nal Sam	ple Infor	mation:							
	Human	ely dispa	atched b	y TMS	overdos	e.					
0	1	Total Te	oete ace	igned	0	1					
U		Total It	esis ass	igrieu	U						

Site No: FS0254

Case No: 2021-0478

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2021-0478			Date of visit:	09/11/2021			
		•				•		
Site No:	FS0254	J		Inspector:				
Results Summary	Freq.				te of Notifica	ntion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary				1				
Case Type	Date	Insp	2 nd Insp	1				
ECI, CNI, VMD	16/11/2021							
MIX	12/11/2021							
	†							





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0125
 Date of Visit
 09/11/2021

 Site No
 FS0254
 Site Name
 Knock

 Case No
 20210478
 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Inspection under the 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 with respect to section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory.

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

Signed: Date: 16/11/2021

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		Issued by: FHI		Date of is	ssue: 12/05/2020
Case No: 2021-0479			Dat	e of visit: 1	0/11/2021
Time spent on site: 5h	nrs	M	lain Inspector:		
Site No: FS0964 Business No: FB0125	Site Name: Business Name:	Bloody Bay Scottish Sea Farm	s Ltd		
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD 5	DIA 6		
Water Temp (°C): 12.3	Thermometer No:	T152	FHI	045 complet	ted
Observations:	Region: ST	Water type:	s o	CoGP MA:	M-34
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see add	ditional informatio ditional informatio ditional informatio	on/clinical sco	ore sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:			

Additional Case Information:

Fish came on from Barcaldine Smolt Unit and originated from Stofnfiskur.

Mortalities started increasing in wk33 and have remained above 1% across the site since. Samples taken by Pharmaq in September 21 confirmed the presence of AGD, HSMI and SGPV.

Site has been destocking through harvesting. Worst affected cages have been targeted first. Harvest ongoing and site will likely be fallow by the end of the year.

Weekly lice counts have remained relatively low since input, although the site has been treated to prevent lice counts increasing. Site received thermolicer treatments in wk17, wk25, wk26 and wk28 and a hydrolicer treatment in wk30. Alphamax bath treatments were done in wk29 and wk32, but the site manager has reported that the addition of cleanerfish has significantly helped reduce and keep lice numbers low.

Combined cleanerfish mortality since input (July 21) is at 2%. Cleanerfish observed during site inspection appeared healthyno cleanerfish moribunds or mortalities were observed across the site.

The majority of the fish on site appeared in good health and were active. 3 mortalities and 8 moribunds were observed across the site, 5 moribund fish were removed for diagnostic samples.

A boat was due to arrive on site later this evening to harvest a further cage. Site is doing live haul harvests to South Shian processing plant.

Gill swabs are being taken every 2 weeks and plankton sampling is also being conducted. Very little plankton has been observed in the water column and dissolved oxygen at the site remains steady around 9mg/L.

Fish sampled for VMD appeared healthy and demonstrated a strong feed response.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	e: 12/05/2020
Case No:	2021-0479		Site No:	FS0964				
Date of Visit:		10/11/2021]		Inspector(s):			•
Registration/Autho	risation Det	ails						
1. Business/site deta			ite representa	ative?			Y	1
2. Changes made to	-	•	·				N	1
Site Details (includ	e cleaner fis	sh for all sect	ions)					
Total No facilities		9	Facilities sto	cked	5	No facilitie	s inspected	9
Species	SAL	WRA	LUM				T '	
Age group	2020 Q1		2020					
No Fish	155,700	12,035	8,744					
Mean Fish Wt	3.5kg	229g	155g					
Next Fallow Date (S		Jan 22	133g	Next Input Da	ate (Site)	Oct 22		
Recent (last 4 wks)	,			•	Any escapes		visit\2	N
If yes, detail:	AGD, HSMI			'	Arry escapes	(Sirice last	visit):	I IN
ii yes, detaii.	AGD, FISIVII	, SGF V						
Movement Records	•							
Movement record		r inspection?						
2. Date of last inspe		ii ii spection:					12/11/2019	<u> </u>
·		anthu antarad?	,				12/11/2019	
3. Are records comp		•		,				
4. Are movement re								T
5. Are records comp		•						Y NI/A
6. Are health certific	ates for intro	ductions (outw	rith GB) availa	able?				N/A
Transport Records								
1. Are any movemer	nts carried ou	it by (or on bel	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 i	nspection?						
2. How are mortalities		•			Biogas - Bark	(in		
If other detail:	s disposed c	71 :			Diogas - Dair	χίρ		
3. Mortality records	romplete and	correctly ente	ered?					Y
4. Recent mortality (correctly erric		(1.64%), wk42	2· 2 030 (1 57º	%) wk/11·3	135 (1 65%)	wk40: 3 080
 Evidence of recer 		atypical mortal		(1.04 /0), WK42	2. 2,930 (1.37)	76), WK41. 3,	133 (1.03 /8),	WK40. 3,000
If yes, facility nos/no		• •		droscon:				<u> </u>
•		•			I Co mot off o of	الما المالية		ما المحملات
Increased mortality	on the site na	is been ongoir	ng since wk3	3. Cages 3 and	o worst affect	tea. Attribu	tea to poor gi	ii neaith.
6. Any other peaks in	n mortality du	iring period ch	ecked?					Y
	Wk39: 1.6%	, wk38: 5.95%	6, wk37:3.4%	, wk36: 5.38%	, wk35: 1.61%	, wk34:1.78	% and wk33:	1.47%
If yes, detail:								
7. Have increased (u	inexplained)	mortalities be	en reported to	vet or FHI?				Y
If yes, detail action:	,		•	n every 2nd we	ek and histolo	gy samples	are also rou	tinely being
8. Have 'mortality ev	ents' been re							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	
1. Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	Y
If yes, detail (if not detailed under recent disease problems). AGD, HSMI and SGPV	
Report date: 16/10/2021	
Records checked between: 12/11/2019 - 04/11/2021	

FHI 059, Version 13		Issued by: FHI		I	Date of issue:	12/05/2020
Case No:	2021-0479		Site No:	FS0964		
Sea Lice Inspection (Se	awater Sites Only)					
 Has the site experience 	ed sea lice problems in the previous	4 years?			N	
2. Is the CoGP Farm Mar	nagement Area (or equivalent) fallov	ved synchronously o	n a single ye	ear class basis?	Υ	
azamethiphos and emam	cess to a range of licenced in-feed an nectin benzoate) as well as access to a reasonable period of time?					
4. Is there a signed docu Management Area (or eq	mented farm management agreemer uivalent)?	nt or statement relev	ant to the si	te and CoGP Farm	Υ	
	ords available for inspection? (Legal reflect the required standard specifi	·		egal SSI, CoGP Ar	nnex 6) Y	
7. Are sea lice (<i>L. salmol</i> records are inspected? (nis) record levels below the suggeste CoGP Annex 6)	ed criteria for treatme	ent in the Co	GP during the per	iod that N	
	male sea lice (<i>L. salmonis</i>) numbers 6/19) during the period that records a		evel of 3 or a	above (prior to w/b	10/6/19) or N	
•	eported to the Fish Health Inspectoration at a level which is considered to			ems? (CoGP 4.3.8°	N/A 1, 5.3.50) N	
•	atments been administered or other a atment or where <i>C. elongatus</i> is con					
11. Has any other action	been taken (where applicable)?				Y	
12. Have therapeutic trea	atments or the actions taken had a si	gnificant impact upo	n the lice lev	vels recorded?	Υ	
13. Are treatments, where	e conducted, carried out in cooperati	ion between participa	ating farms?		N/A	1
14. Is there a harvesting sea lice?	strategy for the site, where fewer pop	pulations or part pop	ulations are	held without treatr	ment for Y	
•	c written lice management procedure alation of a sea lice infestation?	e with waypoints desc	cribing set a	ctions to deal with	recognised Y	
16. Do the sea lice levels	observed on stocks reflect sea lice	count data? If no ple	ase detail re	easons.	Y	
Containment Inspection	1					
	ed equipment damage due to predat	tors in the current or	previous pro	oduction cycles?	N	
2. Are measures in place	to mitigate against the predation ex	perienced on site? ([Detail below)	Υ	
Sapphire sealpro nets						
If other, detail below:						
3 Have escape incident	s or events been experienced on or i	in the vicinity of the s	site since the	last FHI inspection	on? N	
·	tions $4 - 9$. If No skip to question 10	in the violinity of the c				
	rted to Scottish Ministers?					
·	rted to local DSFB forthwith (where t	hev exist)? (CoGP –	4.4.37. 5.4	.17)	_	
·	rted to the SSPO and local fisheries	, ,		•	7, 5.4.17)	
7. Were methods (if any)	used to recover escapees? If yes gi	ve detail				
8. If gill nets were deploy Ministers? (Legal, CoGP	ed was this action agreed with local – 4.4.38, 5.4.18)	wild fish interests an	d was perm	ission given by Sco	ottish	
9. What action was taker	to prevent and minimise the risk of	further escapes? (No	ot covered ir	code but could		
be considered under s	satisfactory measures of the Act)					
10. Is the site inspected a	as satisfactory with regards to contai	nment? If no, please	detail reaso	on(s)	Υ	

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
·	Site No: FS0964	Date of issue. 12/03/2020
2021-0479	Site No. F30904	
Date of Visit: 10/11/2021	Inspector:	
Point of Compliance		
1. Is the farm under inspection located w	vithin a farm management area?	Y
If N, no further questions require comple		
•	Management Agreements and Statement	
z. Has a current farm management agre 3. Is the current FMAg/S available for ins	eement or statement (FMAg/S) been prepar	eu? Y
4. Does the FMAg/S identify the relevant	•	Y
5. Does the FMAg/S identify the fish farm	•	Y
•	commencement of the agreement or stater	ment?
7. Does the FMAg/S identify the date of I	review?	Y
Arrangements for Fish Health Manage	ement	
8. Does the FMAg/S identify the minimur	m health standards for the stocks to be intro	oduced to the area or Y
farm?		, a
•	tion requirements for stocks held in the are as of fish which may be stocked into the are	
•	num stocking density of any pen on any farn	
individual farm?	and steering density of any pen en any rank	
	ements for the storage and disposal of any	dead fish from any
fish farm in the area or the individual far	m?	
Arrangements for The Management of	f Sea Lice	
13. Does the FMAg/S identify arrangement	ents for the sharing of data on sea lice num	bers and treatments?
14 Doos the EMAs/S identify the availab	cility and the use of medicines on forms on	vored by the agreement
of statement?	oility and the use of medicines on farms cov	vered by the agreement
15. Does the FMAg/S identify any require	ements for the sensitivity testing of available	e 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 and	d cleaner fish are to be
	ernes : pements for synchronous treatments on farr	ms within the area?
g o lasting		
Live Fish Movements		
18. Does the FMAg/S identify the circum area or farm?	nstances when live fish may be introduced o	
	ements for the movement of live fish on an	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	harvest practices on farms in the area or indiv	ridual farms?
date when a farm or area may be restock		
22. Does the FMAg/S identify whether on agreement or statement?	e or more year classes may be stocked onto s	ites covered by the Y
23. Does the FMAg/S identify whether brocovered by the agreement or statement?	podstock or potential broodstock are to be kep	t on any site
Point of Compliance for Farm Manager 24. Does the farm management agreeme parties to the agreement?	ment Agreements Only ent include arrangements for persons to becom	ne, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and o 26. What is the version no/date of issue of	perated in accordance with the agreement or soft the FMAg/S? 15/10/2020	statement? Y

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2021-0479		Site No:	FS0964		Insp:	
Date of Visit	10/11/2021		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	0	18	26	
	Number of sup	ncluding third country	0		10	26 14	0
NA							10
Movements off	Frequency of m		0		6	10 10	3
Exposure via water	Transor or door	Site contacts			6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or l	ed (secure water supply through porehole)	0				
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro		0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2	1			
	Processing fish equivalent statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	1			0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	,]			0
oco or ampaotoanioca rocac	Feeding unpas		5				
Biosecurity	<u> </u>	Number of sites	1	J 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0]			0
	No		2				
					Total		17
					Rank		MEDIUM

Priority samples: VI		11 009, Version 13							155	sueu by. r				
Priority samples: VI BA PA MG HI Time sampling starts/ends: 13:30:00 14:45:00 Inspector: VMD No. 7 Surmary samples 1 Indoors 2 3 4 5 Summary samples HIST Y BA Y MG Y VI PA Total Samples Add Fish/Pools - click Pool/Fish No F1 F2 F3 F4 F5 P1 P2 P3 P3 P3 P3 P3 P3 P3		Case no:	2021-04	179	Site No:		FS0964					10/1	1/2021	10/
Summary samples		Priority samples:	VI		ВА		PA		MG					
No Pa			13:3	0:00	14:4	5:00		Inspecto	or:			VMD No	. [7
Pool/Fish No		Environmental conditions:	1	Indoors	2		3		4		5			
Pool/Fish No		Summary samples	HIST	Y	ВА	Y	MG	Y	VI		PA		Total Sa	mples
Pool/Fish No	٨	dd Eish/Bools - click												
Fish nos	A		1			_		_						
Pool Group P1 P1 P1 P1 P1 P1 Species SAL			F1											
Species SAL		Fish nos	· ·					1-5	6					
Average weight Sex Male Female Male Female Male Water Type Male Male			P1											
Sex Male Female Male Female Male N/A Water Type Sw														
Mater Type Caldine Smolt FS1328 Caldine Sm		Average weight	3.5kg	3.5kg	3.5kg	3.5kg	3.5kg	3.5kg	3.5kg					
caldine Smolt t FS1328		Sex	Male	Female	Male	Female	Male		N/A					
Barcaldine Smolt Unit FS1328		Water Type	SW	SW	SW	SW	SW	SW	SW					
	stock Details	Stock Origin					Barcaldine Smolt Unit FS1328							

11/2021	1/2021 Additional Sample Information: Humanely dispatched by percussive blow.													
6	l	Total To	ests ass	signed	3	1								

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

Case no: 2021-0479 Site No: FS0964 Method of killing: Percussive

Case no:	2021-0479		Site No) :	FS096	4	M	ethod o	f killing:	Percuss	sive
Date of visit:	10/11/2021]	Inspec	tor(s):				S	heet Re	elevant:	Υ
S for strong presen	ce: M for medium presence: W for which the contract of the	weak pres	sence								
Fish Number	·	F1	F2	F3	F4	F5					
	er death (if > 45 minutes)	45									
External Signs	,										
Behaviour	Moribund	S	W	S	S	S					
	Lethargic		М								
	Hanging vertical	S		S							
	Spiralling										
	Flashing										
	Loss of equilibrium										
Body	Dark	W									
	Distended abdomen										
	Anorexic	W				W					
	Scale Oedema										
Opercula	Shortened					M					
	Flared										
Haemorrhaging	Throat										
	Ventrum										
	Base of fins										
	Elsewhere										
Eyes	Exophthalmic										
	Enophthalmic (sunken)										
	Cataract										
	Haemorrhagic					W					
Gills	Pale	W	S	М	S						
	Zoned		М			W					
	Necrotic										
Lesions	Flank										
	Elsewhere										
Vent	Inflamed										
	Trailing faeces										
Lice Load	Estimate numbers	1	1	3	2	1					
Internal Signs											
Ascites	Clear										
	Bloody										
Oedema	In tissues										
Heart	Pale/anaemic	М	М	S	S	S					
	Granulomas										
	Deformed										
Liver	Petechial haem										
	Gross haem										
	Tissue breakdown										
	Enlarged		W	W		W					
	Colour number(s)	7	3		2	3					
	Granulomas										
	Lesions										
Pyloric caeca	Petechial haem										
, , , , , , , ,	Tubules mauve										
	Lack of fat	S		W		S					
Spleen	Enlarged				W	W					
	Granulomas										
Gut	No food present										
	Yellow pseudo-faeces	S	М	S	М	S					
	External haem										
	Internal haem										
Body wall	Haemorrhaging										
Swim bladder	Haemorrhaging										
NIGGGO!	Fluid filled										
Kidney	Swollen										
	Grey										
	Granular										
	Liquefied										
General	Parasites present										
Contral	Anaemia Anaemia										
	raidellia										

Case no: 2021-0479

Date of visit: 10/11/2021

S for strong presence. M for medium presence: W for w Fish Number	Date of visit:	10/11/2021	.					
Fish Number Time sampled after death (if > 45 minutes) External Signs Behaviour Moribund Lethargic Hanging vertical Spiralling Flashing Loss of equilibrium Body Dark Distended abdomen Ancrexic Scale Cedena Opercula Scale Cedena Opercula Shortened Haemorrhaging Tirboat Esse of fins Internal Signs Ascrice Clear Internal Signs Ascrices Clear Granufomas Oedema H issues Heart Pale/anaemic Trisus breakdown Tissus b	S for strong preser	oce: M for medium presence: W for	١٨					
Time sampled after death (if > 4 Sminutes) Esternal Signs Behaviour Moribund Lothargic Hanging vertical Spiratling Flashing Loss of equilibrium Body Dark Ancresic Scale Oedema Opercula Shortened Flared Haemorrhaging Throat Base of fins Elisewhere Eyes Exophthalmic (sunken) Cataract Haemorrhagic Gillis Pale Los Losd Necrotic Lesions Flank Elsewhere Vont Inflamed Necrotic Lesions Flank Elsewhere Vont Inflamed Trailing finedes Lice Load Estimate numbers Lice Load Estimate numbers Lice Load Estimate numbers Lice Cataract Cataract Vont Halmond Trailing finedes Lice Load Estimate numbers Direction Lice Load Estimate numbers Lice Load Estimate numbers Direction Colaur number(s) Cataract Lice Load Estimate numbers Direction Cataract Lice Load Estimate numbers Direction Cataract Lice Load Estimate numbers Direction Lice Load Estimate numbers Direction Lice Load Estimate numbers Direction Colaur number(s) Cataract Cataract Lice Load Estimate numbers Direction Lice Load Estimate numbers Lice Load Estimate numbers Direction Lice Load Estimate numbers Dire		ice. Wi for medium presence. W for	W I					
External Signs Behaviour Behaviour Behaviour Behaviour Hanging vortical Spiraling Flashing Flashing Loss of equilibrium Body Distended abdomen Anorexic Scale Oedema Opercula Shortened Haemorrhaging Throat Base off firs Elsewhere Eyee Exophibalinic (sunkers) Exceptibalinic Exceptibalitic Exceptibalitic Exc		or dooth (if > 45 minutes)						
Behaviour Moribund		er death (if > 45 minutes)						
Lethargic		Maribund						
Hanging vertical	Denaviour							
Spiralling								
Flashing								
Loss of equilibrium								
Body								
Distended abdomen	Rody							
Anorexic Scale Codema Scale Co	Dody							
Scale Oedema								
Special Shortened Shorte								
Flared	Onercula							
Haemorrhaging Throat	Орстоин							
Ventrum	Haemorrhaging							
Base of fins								
Elsewhere								
Expert								
Enophthalmic (sunken)	Eves							
Cataract								
Haemorrhagic								
Sills								
Zoned	Gills							
Necrotic								
Elsewhere								
Elsewhere	Lesions							
Vent Inflamed								
Lice Load Estimate numbers Internal Signs Internal Signs Ascites Clear Bloody Intissues Oedema In tissues Intissues Heart Pale/anaemic Granulomas Intissues Deformed Intissues Liver Petechial haem Gross haem Intissues Intissue breakdown Intissues Enlarged Intissues Granulomas Intissues Granulomas Intissues Granulomas Intissues External haem Intissues Intissues	Vent							
Lice Load Estimate numbers Internal Signs Internal Signs Ascites Clear Bloody Intissues Oedema In tissues Intissues Heart Pale/anaemic Granulomas Intissues Deformed Intissues Liver Petechial haem Gross haem Intissues Intissue breakdown Intissues Enlarged Intissues Granulomas Intissues Granulomas Intissues Granulomas Intissues External haem Intissues Intissues		Trailing faeces						
Ascites Clear Bloody B	Lice Load							
Ascites Clear Bloody B								
Ascites Clear Bloody B	Internal Signs							
Oedema In tissues Heart Pale/anaemic Granulomas		Clear						
Heart		Bloody						
Granulomas	Oedema							
Deformed	Heart	Pale/anaemic						
Liver		Granulomas						
Gross haem Tissue breakdown Enlarged Colour number(s) Granulomas Lesions Pyloric caeca Petechial haem Tubules mauve Lack of fat Spleen Granulomas Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Granular Granular Granular Granular Granular Liquefied		Deformed						
Tissue breakdown	Liver	Petechial haem						
Enlarged		Gross haem						
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 Granular Granular Liquefied								
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 Granular Granular Liquefied								
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 Granular Granular Liquefied		Granulomas						
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 Granular Liquefied								
Lack of fat Spleen Enlarged Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Granular Liquefied	Pyloric caeca							
Spleen Enlarged								
Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Swim bladder Fluid filled Kidney Grey Granular Liquefied								
Gut No food present	Spleen							
Yellow pseudo-faeces External haem Internal haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Grey Granular Liquefied								
External haem	Gut							
Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Swollen Grey Granular Liquefied								
Body wall Haemorrhaging Swim bladder S								
Swim bladder Haemorrhaging Swim bladder Haemorrhaging Swim bladder Fluid filled Swollen Swollen Swollen Screy Swollen Screy Swollen Screy Swim bladder Swim bladder Swollen Sw								
Fluid filled Kidney Swollen Grey Granular Liquefied								
Kidney Swollen Swollen Signature Swollen Signature Swollen Signature Swollen Signature Swollen	Swim bladder							
Grey Granular Liquefied								
Granular Liquefied		Swollen						
Liquefied Liquefied	Kidney							
	Kidney							
General Parasites present	Kidney	Granular						
		Granular Liquefied						
Anaemia Anaemia	Kidney General	Granular Liquefied Parasites present						

Additional comments:	
Additional comments: F1 and F3 - gut was full of fluid.	
F4 - left eye has burst.	

Site No: FS0964

Case No: 2021-0479

Nature of non-compliance:

Action taken (FHI):

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

Site No: FS0964 Inspector: Date of Notification	Case No:	2021-0479			Date of visit:	10/11/202	1		
Part Date of Notification Date of Notif			4				_		
Database Insp Phone Insp Writing Insp 2 nd Inst	Site No:	FS0964]		Inspector:				
MG_SAV	Results Summary	Freq.				te of Notific			
MG_SAV			Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
MG_IHNQ	MG_SAV	0/1	12/11/2021		12/11/2021				
MG_IHNQ	MG ISA	0/1	12/11/2021		12/11/2021				
MG_VHS	_								
MG_IPN									
MG_PARA_THER_Q 5/5									
MG_SAL_POX	_								
MG_AGDQ 5/5 12/11/2021 12/11/2021 MG_PRV 1/1 17/11/2021 17/11/2021 MG_PMCV 1/1 17/11/2021 17/11/2021 AMGD 5/5 18/11/2021 18/11/2021 GPAT 5/5 18/11/2021 18/11/2021 CGDH 5/5 18/11/2021 18/11/2021 LPAT 3/5 18/11/2021 18/11/2021 CMPS 2/5 18/11/2021 18/11/2021 CMPS 2/5 18/11/2021 18/11/2021 VSPE 5/5 29/11/2021 01/12/2021 NSIG 1/5 29/11/2021 01/12/2021 NSIG 1/5 29/11/2021 01/12/2021 Report Summary Case Type Date Insp 2 nd Insp ECI, CNI, SLI, VMD 16/11/2021									
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DIA 03/12/2021									
	DIA	03/12/2021							
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		1							





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0125
 Date of Visit
 10/11/2021

 Site No
 FS0964
 Site Name
 Bloody Bay

 Case No
 20210479
 Inspector

Section 1: Summary

The site was visited following continued reports of elevated mortality levels. During the inspection, several moribund fish were observed across the site. Five fish were removed for further examination and subsequent diagnostic sampling.

Histopathology examination revealed mild, multifactorial, non-specific proliferative branchitis. Pathology was also consistent with the presence of epithelyocists (likely *Candidatus* Branchiomonas cysticola) and amoebic gill disease (AGD), confirmed by qPCR. Two fish also exhibited pathology consistent with cardiomyopathy syndrome (CMS), also confirmed by qPCR. Two displayed periportal hepatic necrosis and one fish also exhibited nephritis.

Molecular genetic analysis also detected the presence of *Paranucleospora theridion*, Salmon gill poxvirus (SGPV) and Piscine reovirus (HSMI).

Vibrio sp. was identified, however the level and purity of growth would not suggest this bacterium is a primary pathogen in this case.

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 following continued reports of elevated mortality levels and to carry out a routine inspection. Increased mortalities had been attributed to gill health, AGD, HSMI and SGPV. Three mortalities and eight moribunds were observed across the site. Five moribund fish were removed for diagnostic sampling.

Externally, F1 had a darkened body and F1 and F5 were anorexic. The opercula on F5 was shortened and the eyes of F5 were also haemorrhagic. All fish had pale gills with zoning also noted on the gills of F2 and F5. Lice loads on all the fish sampled were <5.

Internally, all fish had pale/anaemic hearts and F2, 3 and 5 also had enlarged livers. There was a notable lack of fat on the pyloric caeca of F1, 3 and 5. The spleen of F4-5 were enlarged and there was yellow pseudo-faeces present in the gut of all five fish.

Samples

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

Fish number	Pool number	Facility number	Species	Stage	Origin
F1-2	P1	9	Atlantic salmon	2020 Q1 3.5kg	Barcaldine Smolt Unit (FS1328)
F3-4	P1	10	Atlantic salmon	2020 Q1 3.5kg	Barcaldine Smolt Unit (FS1328)
F5	P1	7	Atlantic salmon	2020 Q1 3.5kg	Barcaldine Smolt Unit (FS1328)

Results

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

The following bacteria were isolated:

• Vibrio sp.: F1-5 (Gill); F1 (Kidney)

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

Piscine myocarditis virus (CMS)

Pool Number	Endogenous control Cp value		Cp Values		Reported Result (PCR)
P1	20.12	22.09	22.16	22.15	POSITIVE

Piscine reovirus (HSMI)

Pool Number	Endogenous control Cp value		Cp Values		Reported Result (PCR)
P1	20.12	30.83	30.69	30.79	POSITIVE

Salmon gill poxvirus (SGPV)

Fish Number	Endogenous control Cp value		Cp Values	Reported Result (PCR)	
F1	21.33	28.45	28.34	28.11	POSITIVE
F2	21.49	26.07	26.05	26.66	POSITIVE
F3	21.65	35.18	35.04	34.49	POSITIVE
F5	21.17	28.33	28.92	28.2	POSITIVE

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

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

Neoparamoeba perurans (AGD)

Fish Number	Endogenous control Cp value		Cp Values	Reported Result (PCR)	
F1	21.33	28.79	28.77	28.79	POSITIVE
F2	21.49	28.27	28.26	28.23	POSITIVE
F3	21.65	27.91	27.89	27.81	POSITIVE
F4	21.79	32.62	32.28	32.6	POSITIVE
F5	21.17	27.12	27.1	27.24	POSITIVE

Paranucleospora theridion

Fish Number	Endogenous control Cp value		Cp Values	Reported Result (PCR)	
F1	21.33	36.03	36.06	35.69	POSITIVE
F2	21.49	34.55	35.06	34.33	POSITIVE
F3	21.65	33.22	33.24	33.12	POSITIVE
F4	21.79	34.62	34.9	34.78	POSITIVE
F5	21.17	25.45	24.37	25.55	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> Minor interlamellar hyperplasia (F1). F2-F5 displayed mild multifocal hyperplasia and lamellar fusion, some lacunae observed on the hyperplastic plaques. All fish displayed displacement of the chloride cells and prominent goblet cells. Presence of few amoeboid cells resembling *Neoparamoeba perurans* and several basophilic epithelial inclusions (likely epitheliocystis). Few thrombi observed on the lamellae. F5 also displayed cell debris among gill filaments.

Skin & Muscle: Within normal range.

<u>Heart:</u> F3 & F4 displayed in the spongy layer of the two chambers, a moderate diffuse subendocardial mononuclear cell infiltration and F3 displayed myocardial cell degeneration and necrosis. Mild pericarditis (F4).

<u>Gut and pyloric caeca:</u> Small focal area of cellular inflammation (mainly mononuclear granulocytes) observed in the abdominal adipose tissue (F1) and F3 displayed melanin deposits in the adipose tissue.

Pancreas: Within normal range.

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: 03/12/2021

R09





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0125Date of Visit10/11/2021Site NoFS0964Site NameBloody BayCase No20210479Inspector

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

Records

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

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

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

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 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/

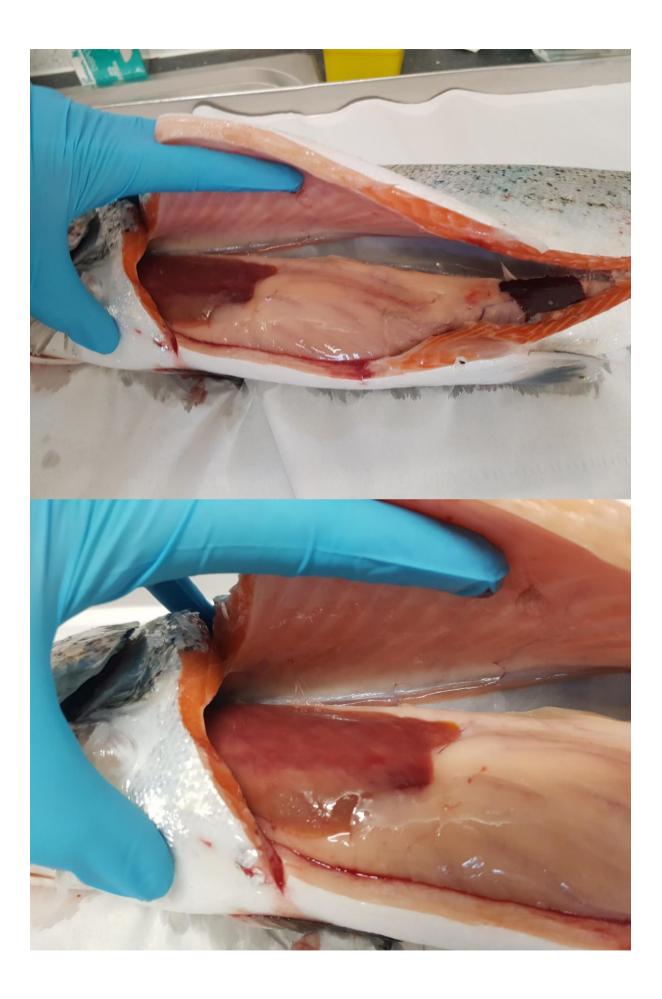
Date: 16/11/2021



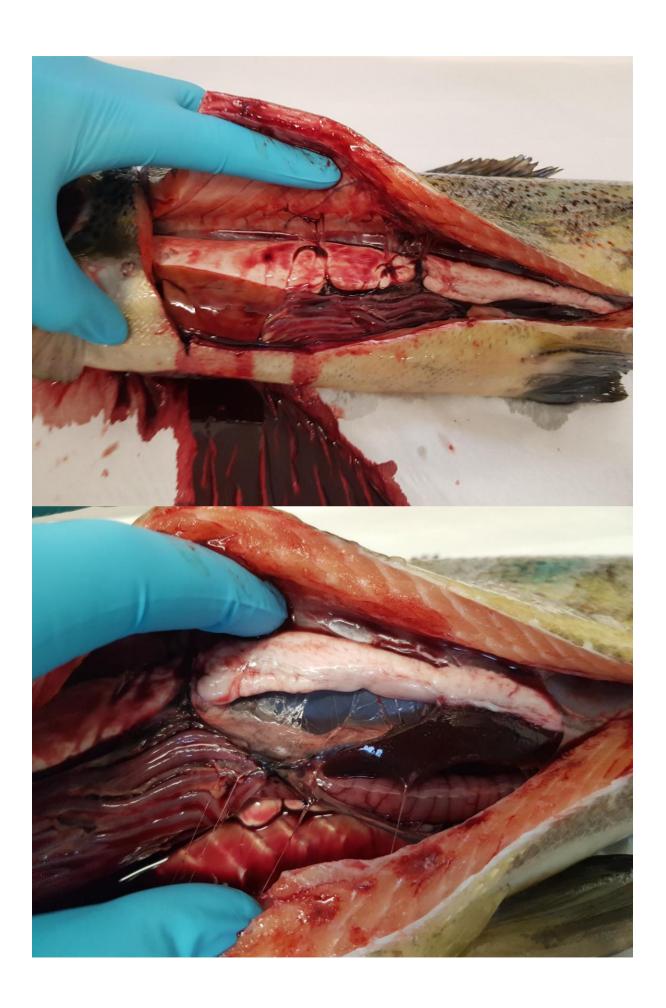












FHI 059, Version 13		Issued by: FHI		Date of is	ssue: 12/05/2020
Case No: 2021-0483				Date of visit: 1	0/11/2021
Time spent on site:	nrs	N	Main Inspector:		
Site No: FS0427 Business No: FB0125	Site Name: Business Name:	Fishnish (A) Scottish Sea Farn	ns Ltd		
Case Types: 1 ECI 2	2 CNI 3 SLI	4	5	6	
Water Temp (°C): 12	Thermometer No:	T152	י כ	FHI 045 complet	red
Observations:	Region: ST	Water type:	S	CoGP MA:	M-35
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	N If yes, see ac	dditional inform	ation/clinical sco ation/clinical sco ation/clinical sco	re sheet.	
UNI/REG only - if unable to carry	out intended visit deta	il reason below:			

Additional Case Information:

Fish came onto site in December 2020 from the Barcaldine Smolt Unit.

Site had a Salmosan treatment in June, a thermolicer treatment was done in July, peroxide in September and Slice towards the end of September, beginning of October 21.

Fish were sitting deep in the water, but those osberved appeared to be healthy and were active. Lots of wrasse observed in the cages which also appeared to be in good health. 18,014 wrasse were input over June, July and August 21 and only 135 mortalities have been recorded since then. Site manager reported their effectiveness in keeping lice numbers low.

1 mortality and 1 moribund were observed across the site. Moribund was removed and culled. No clinical signs of disease so fish was not sampled.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	ue: 12/05/2020
Case No:	2021-0483		Site No:	FS0427				
Date of Visit:		10/11/2021]		Inspector(s)):		
Registration/Autho	risation Deta	ails						
1. Business/site deta			ite representa	ative?			Υ	
2. Changes made to	details?	·					Υ	
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities	ic cicarici iis	12	Facilities sto	ncked	8	No faciliti	ies inspected	12
Species	SAL	WRA	r dominoo oto	I		TTO TOOME		<u> </u>
Age group	2020 Q4	Wildcaught						
No Fish	348,771	18,000						
Mean Fish Wt	2.8kg	70g						
Next Fallow Date (S		Jun 22	•	Next Input Da	ate (Site)	Sep 22	_	
Recent (last 4 wks)					Any escape		t visit)?	Y
If yes, detail:	MSe040221				,	(,	
 Are records comp Are movement re Are records comp Are health certific Transport Records Are any movement yes, is there a sys 	cords availab blete and corr ates for introd ats carried ou	le for dead fis ectly entered? ductions (outwood)	h and waste? vith GB) availa half) of the bu	able? usiness (not us	_			N/A N/A N/A
Mortality Records	ovojloblo for i	nanaatian?						
 Mortality records a How are mortalities 		•			Incinerated	- on sito		<u> </u>
If other detail:	es disposed d	11 5			momerated	- 011 5116		
Mortality records	complete and	correctly ente	ared?					T Y
4. Recent mortality (•	Correctly Crit		(0.26%), Wk42	· 115 (0 12%	\ \M\k41:62	00 (O 18%) \/\	k40: 1 042
 Evidence of recer 		itypical mortal		(0.2070), VVK42	. 413 (0.1270	i), VVK+1. UZ	.9 (0.1070), VV	N N
If yes, facility nos/no		• •		/reason:				
<u> </u>	, , , , ,	,	, ,					
6. Any other peaks i	n mortality du	ring period ch	necked?					N
If yes, detail: 7. Have increased (unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:	,							
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	tality events	sheet.		N/A

Treatments and Medicines Records
1. Recent treatments (see comment)?
T.M.S.,
If yes, detail: Slice
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)? T.M.S., Slice
If other, detail:
6. Are medicines stored appropriately?
Biosecurity Records
Biosecurity records available for inspection?
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any
increased (unexplained) mortality at the site been included?
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease
is detected been included and how and when that will be notified to Scottish Ministers?
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher
health status, certification if required)?
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?
7. Is documentation available regarding the measures in place to maintain the physical containment of
aquaculture animals held on site?
8. Have the biosecurity procedures been adequately implemented on site?
If no, detail:
Results of Surveillance
1. Has any animal health surveillance been carried out by, or on behalf of, the business?
2. If yes, are results available for inspection?
3. Any significant results?
If yes, detail (if not detailed under recent disease problems). Report date: 11/03/2021
Records checked between: 17/04/2018 - 04/11/2021

FHI 059, Version 13	Issued by: FHI	Date of issu	ie: 12/05/2020
Case No: 2021-0483	Site No:	FS0427	
Sea Lice Inspection (Seawater Sites Only)			
1. Has the site experienced sea lice problems in the previous	4 years?		N
2. Is the CoGP Farm Management Area (or equivalent) fallow	ved synchronously on a single y	ear class basis?	Υ
3. Does the site have access to a range of licenced in-feed a	nd bath sea lice medications (in	cluding deltamethrin,	Υ
azamethiphos and emamectin benzoate) as well as access t	o suitable biological and/or med	chanical control measures, and	
can these be deployed in a reasonable period of time?			
4. Is there a signed documented farm management agreeme Management Area (or equivalent)?	nt or statement relevant to the s	ite and CoGP Farm	Υ
5. Are sea lice count records available for inspection? (Legal	SSI, CoGP Annex 6)		Υ
6. Do records adequately reflect the required standard specifi	ied in the SSI and the CoGP? (L	egal SSI, CoGP Annex 6)	Υ
7. Are sea lice (L. salmonis) record levels below the suggestorecords are inspected? (CoGP Annex 6)	ed criteria for treatment in the C	oGP during the period that	N
8. 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 a		above (prior to w/b 10/6/19) or	N
If yes, have these been reported to the Fish Health Inspector	ate? If no, FHI see comment.		N/A
9. Is C. elongatus infestation at a level which is considered to	cause significant welfare probl	ems? (CoGP 4.3.81, 5.3.50)	N
 Have therapeutic treatments been administered or other a suggested criteria for treatment or where C. elongatus is con 			Υ
11. Has any other action been taken (where applicable)?	oldered to have wellare implicat		V
12. Have therapeutic treatments or the actions taken had a si	anificant impact upon the lice le	avels recorded?	\ \
13. Are treatments, where conducted, carried out in cooperat	· · · · · · · · · · · · · · · · · · ·		\ \
14. Is there a harvesting strategy for the site, where fewer po	· · · · · · · · · · · · · · · · · · ·		<u> </u>
sea lice?	palations of part populations are	s neid without treatment for	
15. Is there a site specific written lice management procedure scenarios during the escalation of a sea lice infestation?	e with waypoints describing set a	actions to deal with recognised	Υ
16. Do the sea lice levels observed on stocks reflect sea lice	count data? If no please detail r	reasons.	Υ
Containment Inspection			
 Has the site experienced equipment damage due to predate 			Υ
2. Are measures in place to mitigate against the predation ex	perienced on site? (Detail below	v)	Υ
Sealpro nets,			
blinds, tensioned,			
top nets If other, detail below:			
ii otilei, detaii below.			
Have escape incidents or events been experienced on or incidents.	in the vicinity of the site since th	e last FHI inspection?	Υ
If Yes proceed with questions 4 – 9. If No skip to question 10			
4. Have these been reported to Scottish Ministers?			Υ
5. Have these been reported to local DSFB forthwith (where t	hev exist)? (CoGP – 4.4.37, 5.4	4.17)	Y
6. Have these been reported to the SSPO and local fisheries		•	Y
·	`	, , ,	
7. Were methods (if any) used to recover escapees? If yes gi	ve detail		N
8. If gill nets were deployed was this action agreed with local Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	wild fish interests and was perm	_	N/A
9. What action was taken to prevent and minimise the risk of	further escapes? (Not covered i	in code but could	
be considered under satisfactory measures of the Act)	Sealpro nets have been	n installed.	
10. Is the site inspected as satisfactory with regards to contain	nment? If no, please detail reas	on(s)	Y

FHI 059, Version 13	looued by EHI	Date of issue: 12/05/2020
	Issued by: FHI Site No: FS0427	Date of Issue. 12/05/2020
Case No: 2021-0483	Site No: FS0427	
Date of Visit: 10/11/2021	Inspector:	
Point of Compliance		
1. Is the farm under inspection located w	vithin a farm management area?	Y
If N, no further questions require comple		
-	Management Agreements and Stateme	
z. Has a current farm management agre 3. Is the current FMAg/S available for ins	eement or statement (FMAg/S) been prep	vared?
4. Does the FMAg/S identify the relevant	•	<u>·</u> Y
5. Does the FMAg/S identify the fish farn	•	Y
<u> </u>	commencement of the agreement or state	ement? Y
7. Does the FMAg/S identify the date of	review?	Υ
Arrangements for Fish Health Manage	ement	
8. Does the FMAg/S identify the minimur	m health standards for the stocks to be in	troduced to the area or Y
farm?		
<u> </u>	ation requirements for stocks held in the a	
	es of fish which may be stocked into the a num stocking density of any pen on any fa	
individual farm?	iam stocking density of any poin on any la	
	gements for the storage and disposal of a	ny 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 nu	imbers and treatments?
14 Doos the EMAs/S identify the availab	hility and the use of medicines on forms	povered by the agreement
of statement?	bility and the use of medicines on farms c	overed by the agreement
15. Does the FMAg/S identify any require	rements for the sensitivity testing of availa	ble 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 a	and cleaner fish are to be Y
	gements for synchronous treatments on fa	arms within the area?
g o lastim, and arrang		
Live Fish Movements		
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 a	and off sites in the area
or individual farms?		

FHI 059, Version 13	Issued by: FHI	Date of	f issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable harve	est practices on farms in the area or in	ndividual farms?	Y
Fallowing 21. Does the FMAg/S identify the dates by which	ch the area or individual farm will be f	allow and the earliest	Y
date when a farm or area may be restocked? 22. Does the FMAg/S identify whether one or n agreement or statement?	nore year classes may be stocked on	to sites covered by the	Y
23. Does the FMAg/S identify whether broodsto covered by the agreement or statement?	ock or potential broodstock are to be	kept on any site	Y
Point of Compliance for Farm Management 24. Does the farm management agreement incoparties to the agreement?		come, or cease to be,	N/A
Management and operation 25. Is the fish farm being managed and operat 26. What is the version no/date of issue of the		or statement?	Y

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2021-0483		Site No:	FS0427		Insp:	
Date of Visit	10/11/2021		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	
	Number of supp	ncluding third country	0		10	14	0
Mariamanta aff					ļI		10
Movements off	Frequency of m		0		6	10 10	3
Exposure via water		Site contacts	ļ		6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through porehole)	0				
susceptible to same diseases)		or in a coastal zone with category I or within 1 tidal excursion	1	2	4		2
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		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 statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	te only processed.	0	1			
products	Common proce	esses with other farms	3				3
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	,]			0
oo o anpaoloanoo noo ao	Feeding unpas	•	5				Ü
Biosecurity		Number of sites	1	J 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing st	taff and equipment	0	1	2		1
Disinfection of equipment 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		21
					Rank		MEDIUM

0 11	2224 2422	_			10/44/0	204		
Case No:	2021-0483	J		Date of vi	sit: 10/11/20	J21		
Site No:	FS0427]		Inspect	tor:			
Results Summary	Erog				Date of Noti	fication		
Results Summary	Freq.	Database	e Insp	Phone	Insp	Writing	Insp	2 nd Insp
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							_	
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	+	+					_	
	+	+						
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	+						_	
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, SLI	16/11/2021							
	+							





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0125
 Date of Visit
 10/11/2021

 Site No
 FS0427
 Site Name
 Fishnish (A)

 Case No
 20210483
 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.

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

Signed: Date: 16/11/2021

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		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0484			Date of visit: 10/11/2021
Time spent on site:	nrs	Main I	nspector:
Site No: FS0694 Business No: FB0125	Site Name: Business Name:	Fishnish (B) Scottish Sea Farms Ltd	d .
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 12	Thermometer No:	T152	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA: M-35
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	· · · · · ·	N If yes, see addition	nal information/clinical score sheet. nal information/clinical score sheet. nal information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:	

Additional Case Information:

Fish came onto site in December 2020 from the Barcaldine Smolt Unit.

Site had a Salmosan treatment in June, a thermolicer treatment was done in July, peroxide in September and Slice towards the end of September, beginning of October 21.

Fish were sitting deep in the water, but those osberved appeared to be healthy and were active. Lots of wrasse observed in the cages which also appeared to be in good health. 8,791 wrasse were input over June, July and August 21 and only 190 mortalities have been recorded since then. Site manager reported their effectiveness in keeping lice numbers low.

1 mortality was observed across the site. This was removed at the time of inspection.

Fish sampled for VMD appeared healthy and demonstrated a strong feed response.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	ue: 12/05/2020
Case No:	2021-0484		Site No:	FS0694				
Date of Visit:		10/11/2021]		Inspector(s):			
Registration/Autho	risation Det	ails						
1. Business/site deta			ite representa	ative?			Υ	
2. Changes made to	details?						Υ]
Site Details (includ	e cleaner fis	sh for all sect	ions)					
Total No facilities		10	Facilities sto	cked	5	No faciliti	ies inspected	10
Species	SAL	WRA		I			1	
Age group	2020 Q4	Wildcaught						
No Fish	226,220	8,700						
Mean Fish Wt	2.7kg	90g						
Next Fallow Date (S		Jun 22		Next Input Da	ate (Site)	Sep 22		
Recent (last 4 wks)	•				Any escapes		t visit)?	N
If yes, detail:							·	
3. Are records comp 4. Are movement re 5. Are records comp 6. Are health certific Transport Records 1. Are any movement If yes, is there a system	cords availab blete and corr ates for introd ats carried ou	ole for dead fis ectly entered? ductions (outwood	sh and waste? vith GB) availa half) of the bu	able? usiness (not us				Y N/A N/A Y
Mortality Records		0						V
Mortality records a		•			In aire a nata al			Ť
2. How are mortalitie	es aisposea d	of?			Incinerated -	on site		
If other detail:	a composito de la composito de		a = a d O					
3. Mortality records	•	correctly ent		(0.040() 1.40	450 (0.070()	100 44 44	0 (0 400() 144	10. 707
4. Recent mortality (·			0.24%), wk42:	152 (0.07%),	VVK41: 443	3 (0.19%), WK	
5. Evidence of recer		•		./				N
If yes, facility nos/no	mortality per	racility/no sto	ock per facility	/reason:				
6. Any other peaks i	n mortality du	ıring period ch	necked?					N
If yes, detail: 7. Have increased (inexplained)	mortalities be	en renorted to	o vet or FHI2				N/A
If yes, detail action:	anoxpianica)	mortantics be	on reported to	J VOLOTTII:				. 3// (
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	tality events s	heet.		N/A
	2		, טוונטו					

Treatments and Medicines Records	
1. Recent treatments (see comment)?	Y
If yes, detail: T.M.S, Slice	
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, Slice	
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 dise	ease
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 highe	r Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimis	se Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	-
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	N
If yes, detail (if not detailed under recent disease problems). Report date: 11/03/2021	
Troport data. 11/00/2021	
Records checked between: 17/04/2018 - 04/11/2021	

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0484	Site No:	FS0694
Sea Lice Inspection (Seawater Sites Only	v)	
1. Has the site experienced sea lice probler	•	N
2. Is the CoGP Farm Management Area (or	equivalent) fallowed synchronously on a single	year class basis?
3. Does the site have access to a range of I	icenced in-feed and bath sea lice medications (ir	ncluding deltamethrin,
•	s well as access to suitable biological and/or med	chanical control measures, and
can these be deployed in a reasonable peri	od of time?	
4. Is there a signed documented farm mana Management Area (or equivalent)?	agement agreement or statement relevant to the	site and CoGP Farm Y
5. Are sea lice count records available for ir	nspection? (Legal SSI, CoGP Annex 6)	Υ
6. Do records adequately reflect the require	ed standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels be records are inspected? (CoGP Annex 6)	pelow the suggested criteria for treatment in the C	CoGP during the period that N
3. Have average adult female sea lice (<i>L. sa</i> 2 or above (from w/b 10/6/19) during the pe	almonis) numbers per fish been at a level of 3 or riod that records are inspected?	above (prior to w/b 10/6/19) or N
f yes, have these been reported to the Fish	Health Inspectorate? If no, FHI see comment.	N/A
9. Is C. elongatus infestation at a level which	ch is considered to cause significant welfare prob	olems? (CoGP 4.3.81, 5.3.50) N
10. Have therepoutie treatments been admi	nistarad or other actions taken when I aslmonic	s levels have exceeded the
•	nistered or other actions taken when <i>L. salmonis</i> . <i>elongatus</i> is considered to have welfare implica	
11. Has any other action been taken (where		Y
	ons taken had a significant impact upon the lice lo	evels recorded?
13. Are treatments, where conducted, carrie	ed out in cooperation between participating farms	s?
14. Is there a harvesting strategy for the site	e, where fewer populations or part populations ar	re held without treatment for Y
sea lice?		
15. Is there a site specific written lice mana- scenarios during the escalation of a sea lice	gement procedure with waypoints describing set e infestation?	actions to deal with recognised Y
16. Do the sea lice levels observed on stocl	ks reflect sea lice count data? If no please detail	reasons.
0		
Containment Inspection	age due to predators in the current or previous p	production evolog?
	t the predation experienced on site? (Detail below	
Sealpro nets,	the predation experienced on site: (Betain below	w) <u> </u> 1
rensioned, top		
nets, seal blinds		
f other, detail below:		
•	experienced on or in the vicinity of the site since the	he last FHI inspection?
f Yes proceed with questions 4 – 9. If No sl	• •	
4. Have these been reported to Scottish Mir		4.47\
•	forthwith (where they exist)? (CoGP - 4.4.37, 5.	· · · · · · · · · · · · · · · · · · ·
b. Have these been reported to the SSPO a	and local fisheries trusts forthwith (where they exi	st)? (COGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover es	scapees? If ves give detail	
		•
	agreed with local wild fish interests and was perr	mission given by Scottish
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)		
	inimise the risk of further escapes? (Not covered	in code but could
be considered under satisfactory meas		
 Is the site inspected as satisfactory with 	regards to containment? If no, please detail reas	son(s) Y

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0484	Site No: FS0694	
Date of Visit: 10/11/2021	1 Inspector:	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Υ
If N, no further questions require compl	letion.	
Points of Compliance for Both Farm	Management Agreements and Statem	ents
•	reement or statement (FMAg/S) been pre	
3. Is the current FMAg/S available for ir		Y
4. Does the FMAg/S identify the relevan	nt farm management area?	Υ
5. Does the FMAg/S identify the fish far	rm site(s) to which it applies?	Υ
6. Does the FMAg/S identify the date of	f commencement of the agreement or sta	atement?
7. Does the FMAg/S identify the date of	f review?	Y
Arrangements for Fish Health Manag	gement	
8. Does the FMAg/S identify the minimufarm?	um health standards for the stocks to be	introduced to the area or Y
9. Does the FMAg/S identify the vaccina	ation requirements for stocks held in the	area or farm?
Does the FMAg/S identify the speci	ies of fish which may be stocked into the	area or farm?
11. Does the FMAg/S identify the maxing individual farm?	mum stocking density of any pen on any	farm in the area or the
Does the FMAg/S identify the arran fish farm in the area or the individual fa	gements for the storage and disposal of arm?	any dead fish from any
Arrangements for The Management	of Sea Lice	
13. Does the FMAg/S identify arrangem	nents for the sharing of data on sea lice r	numbers and treatments?
14. Does the FMAg/S identify the availa	ability and the use of medicines on farms	covered by the agreement Y
15. Does the FMAg/S identify any requi	irements for the sensitivity testing of avai	lable treatments for sea
lice on farms in the area or individual fa		V
Does the FMAg/S identity the circuit used on farms in the area or individual	mstances under which biological controls farms?	and cleaner fish are to be Y farms within the area?
17. Does the FMAg/S identify the arran	gements for synchronous treatments on	farms within the area?
Live Fish Movements		
18. Does the FMAg/S identify the circur area or farm?	mstances when live fish may be introduce	
	gements for the movement of live fish or	and off sites in the area

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptab	le harvest practices on farms in the area or indivi	dual farms?
date when a farm or area may be resto		
22. Does the FMAg/S identify whether of agreement or statement?	one or more year classes may be stocked onto sit	tes covered by the Y
 Does the FMAg/S identify whether becovered by the agreement or statement 	proodstock or potential broodstock are to be kept ?	on any site Y
Point of Compliance for Farm Manag 24. Does the farm management agreen parties to the agreement?	gement Agreements Only nent include arrangements for persons to become	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 see of the FMAg/S? 10/11/2020	tatement? Y

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2021-0484		Site No:	FS0694		Insp:	
Date of Visit	10/11/2021		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	0	40	200	
орсою	Number of sup	ncluding third country	0			26 14	0
							- 10
Movements off	Frequency of n		0			10	10
Exposure via water	Number of des	Site contacts				10	3
Water contacts with other	Farm is protect	ed (secure water supply through	ī	I-3	0-10		
farms (holding species	disinfection or l		0				
susceptible to same		or in a coastal zone with category I	1	0	4		2
diseases)		or within 1 tidal excursion	7	2	4		2
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
	Farm is on-line	or in a coastal zone with category V					
		n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with	Any processing	plant discharging into adjacent waters					
processors			0	1	2		1
On farm processing within	No on farm pro	cessing	0				0
the rules of the directive	Processing ow	n fish (re-cycling risk)	1				0
	Processing fish	from MS of equivalent status	2				
		from zone or compartment of					
	equivalent stati	us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0				
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	Inpasteurised feed	0	<u>.</u> 1			0
, , , , , , , , , , , , , , , , , , , ,	Feeding unpas	•	5	-			
Biosecurity		Number of sites	1	J 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	Ο	1	2		1
	Sites sharing s	taff and equipment	0		2		1
Disinfection of equipment	Yes		0				0
between sites, use of	No		1	-			
footbaths etc CoGP/Regulator			<u> </u>	J			
Practices in accordance	Yes			1			0
with regulator or industry	No		0				0
code of practice	10		3				
Platform access to cages	Yes		0	1			0
	No		2				
				J			
					Total		21
					Rank		MEDIUM

Г	mi 059, version 15							155	ueu by. i	- 1 11			
	Case no:	2021-04	184	Site No:		FS0694			Date of Samplin		10/	11/2021	10/
	Priority samples:	VI		ВА		PA		MG	Samplin	g. HI			
	Time sampling starts/ends:	11:0	0:00	11:1	5:00		Inspecto	or:			VMD No	о.	7
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
A	add Fish/Pools - click Pool/Fish No												
H	Fish nos	1											
H	Pool Group	1											
H	Species	SAL											
		2.7kg											
	Average weight Sex	N/A											
	Water Type	SW											
	water Type	SVV											
Stock Details		ت Barcaldine Smolt Unit FS1328											
U.	JI 40	9											

11/2021 Additional Sample Information: Humanely dispatched by percussive blow.									
Humanely dispatched by percussive blow.									
Humanely dispatched by percussive blow.									
0 Total Tests assigned 0									

Site No: FS0694

Case No: 2021-0484

Nature of non-compliance:

Action taken (FHI):

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

Ones No.	0004 0404			D	40/44/0	204				
Case No:	2021-0484	J		Date of v	isit: 10/11/20	J21				
Site No:	FS0694]		Inspec	tor:					
Results Summary	Freq.									
Results Summary	Freq.	Database	e Insp	Phone	Insp	Writing	Insp	2 nd Insp		
					-1			2 11135		
	_									
	+									
	+									
	_									
	+									
	_									
		<u> </u>								
Report Summary										
Case Type	Date	Insp	2 nd Insp							
ECI, CNI, SLI, VMD	16/11/2021									
	_									
	+									





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0125
 Date of Visit
 10/11/2021

 Site No
 FS0694
 Site Name
 Fishnish (B)

 Case No
 20210484
 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.

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Inspection under the 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.

d.

Signed:

Fish Health Inspector

Date: 16/11/2021

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	Is	sued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0485			Date of visit: 09/11/2021
Time spent on site:	5hrs	Main Ir	espector:
Site No: SS0508 Business No: SB0325	Site Name: Business Name:	Loch A Chumhainn Isle of Mull Oysters	
Case Types: 1 ECI 2	3	4 5	6
Water Temp (°C): 12.1	Thermometer No:	T152	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA:
Dead/weak/abnormally behaving	fish present?	N If yes, see addition	al information/clinical score sheet.
Clinical signs of disease observed	d?		al information/clinical score sheet.
Gross pathology observed?			al information/clinical score sheet.
Diagnostic samples taken?		N	
UNI/REG only - if unable to carry	out intended visit detail re	eason below:	

Additional Case Information:

Site normally receives stock from the businesses other site, Poll Athach (SS0535), which is used as a nursery site, however has also taken on oysters from South Shian Bay 2 (SS0520), Guernsey Sea Farms and Morcambe Bay. The oysters are ongrown at this site before they are either moved on to other sites for further ongrowing or sold to the SSMG for human consumption.

Oysters that were received from Guernsey Sea Farms in May 2020 were not accompanied by a health certificate so this was unavailable for inspection. Site manager was made aware that if he received a consignment without the accompanying paperwork, the FHI should be notified immediately and the consignment should not to be put in the water until the issue has been resolved.

Grading at the site is conducted at least once a month, when empty shells are removed from the bags, crushed and used to fill potholes in the site access road. If mortality events occur at the site which are higher than the expected rate for the species, this is reported to Marine Scotland as per the sites biosecurity measures plan.

Empty shells were observed in most bags, but no tissue remained. The site was currently being graded so these will be removed over the coming weeks. Otherwise, animals appeared in good condition with good shell growth evident. Bags and trestles were very clean.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	e: 12/05/2020
Case No:	2021-0485		Site No:	SS0508				
Date of Visit:		09/11/2021]		Inspector(s)):		I
Registration/Author	risation Deta	ails						
1. Business/site deta			ite representa	ative?			Υ	1
2. Changes made to	•	·	·				Υ	
Site Details (include	a claanar fis	h for all sect	ions)					
Total No facilities	c Cleaner 113	1000	Facilities sto	cked	800	No facilitie	s inspected	1000
Species	CGI		r dominos sto	I		140 Ideilitie		
Age group	Mixed							
No Fish	3,066,565							
Mean Fish Wt	10-66g							
Next Fallow Date (Si		No plan.		Next Input Da	ite (Site)	Spring 22		
Recent (last 4 wks) o	•			•	_ ` '	s (since last	visit)?	N
If yes, detail:	·			•			,	
 4. Are movement red 5. Are records comp 6. Are health certification Transport Records 1. Are any movement If yes, is there a syst 	lete and corrected states for introduction to the control of the corrected out the c	ectly entered? ductions (outwood) t by (or on be	yith GB) availa	able? usiness (not us				N/A N/A N
Mortality Records								
1. Mortality records a	vailable for i	nspection?						Y
2. How are mortalitie		•			Other (deta	il)		
			e remaining a	are crushed an	-	•	ne site access	road.
3. Mortality records of								Y
4. Recent mortality (I				es recorded sin	ce last inspe	ction.		
5. Evidence of recen		typical mortal						N
If yes, facility nos/no		• •		/reason:				
, ,			, ,					
6. Any other peaks ir	n mortality du	ring period ch	necked?					N
If yes, detail:								
7. Have increased (u	nexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality even	ents' been re	ported to FHI	? If no, enter	details on mort	ality 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 and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	V
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
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)?	
C. Have the hyphendry and biogen with magazines invalore ented between each enidencial cried unit to reining in	
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?	<u> </u>
8. Have the biosecurity procedures been adequately implemented on site?	
If no, detail:	<u> </u>
ii iio, dotaii.	
Results of Surveillance	
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: 04/09/2019 - 09/11/2021	

FHI 059, Version 13	Issued by: FHI			Date	of issue: 12
Case Number:	2021-0485 Site No:	SS050	8		
Date of Visit	09/11/2021 Inspector:				
Number of Susceptil	ole species on site				
_	ies present = LOW risk				
	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	
	Susceptible to Marteilia refringens (OED, MED)		0	3	
	Susceptible to OsHV (CGI)		0	3	3
Sites within a tidal e	veursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal				
Cito contacto	excursion	0	2	10	0
	OXCOLOGO I	Ü		10	<u> </u>
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	5
	Frequency of movements on from equivalent zone or				
	compartment including third country	0	10	20	
	Number of suppliers	0	5	10	5
Movements off					
WOVERNOTION ON	Frequency of movements off within MSS Management		4	0	
	Areas	0	1	2	2
	Frequency of movements off <u>outwith</u> MSS Management		0	0	
	Areas Number of destinations	0	3	6	6
	Inditibel of destinations				
			Secure	Unsecure	
Management			(effluent	(no effluent	
practices		None	treatment)	treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS		1	2	0
	management area	0		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	ns etc	0	2	0
			Total		23
			Risk		MEDIUM

Case No:	2021-0485			Date of visit:	09/11/2021					
Site No:	SS0508	Inspector:								
D 16. 0	I		Date of Notification							
Results Summary	Freq.	Database	Insp	Phone	te of Notifica	Writing	Insp	2 nd Insp		
		Database	Пор	THOTIC	шэр	willing	шор	z irisp		
							-			
							-			
Report Summary				1						
Case Type	Date	Insp	2 nd Insp							
ECI	15/11/2021									





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0325 Date of Visit 09/11/2021

SITE NO SS0508 SITE NAME Loch A Chumhainn

Case No 20210485 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. However, a health certificate for a consignment of Pacific oysters received from Guernsey in May 2020 was unavailable. The FHI should be notified immediately of any consignments delivered from out with Great Britain that are missing the required health certificate. The consignment should also not be put into the water until the issue is resolved.

Mortality records were inspected and found to be adequately maintained.

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

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

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



Signed: Date: 15/11/2021

Fish Health Inspector

FHI 059, Version 13	Is	sued by: FHI	Date of issue: 12/05/2020				
Case No: 2021-0491			Date of visit: 04/11/2021				
Time spent on site:	nr	Main Inspect	or:				
Site No: FS1056 Business No: FB0169	Site Name: Business Name:	Strone Point The Scottish Salmon Compar	ny				
Case Types: 1 ECI 2	3	4 5	6				
Water Temp (°C): 11.7	Thermometer No:	T173	FHI 045 completed				
Observations:	Region: ST	Water type: S	CoGP MA M-45				
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? Y 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 r	eason below:					

The fish looked healthy and they were feeding well, though deep in the water column. Two dead fish observed.

The site has been inspected on the 15/07/2021 but the water temperature was found to be above 14 degrees Celsius. So full ECI could not be completed. Case type changed to REG, CNI, SLI. Biosecurity, containment and sea lice records were found to be adequately maintained and therefore they have not been inspected again.

FHI 059, Version 13			Issi	ued by: FHI			Date of iss	ue: 12/05/	2020
Case No:	2021-0491		Site No:	FS105	6				
Date of Visit:		04/11/2021]		Inspector(s	s):			
Registration/Author	risation Deta	ails							
1. Business/site deta	•	checked by s	site represent	tative?			Υ		
2. Changes made to	details?						N]	
Site Details (include	e cleaner fis	h for all sect	tions)						
Total No facilities	o cicuitor iio	14	Facilities sto	ocked	14	No facilitie	es inspected	14	
	SAL	Wrasse		I			Т		
	21S1	Wild				_			
	659,873	31,486			_	_			
	2kg	Mixed							
Next Fallow Date (Si		July 2022	•	Next Input D	ate (Site)	January 2	023		
Recent (last 4 wks) of	lisease probl	ems?			N Any escap	es (since last	visit)?		N
If yes, detail:									
 Are records complete. Are movement records complete. Are records complete. Are health certification. Transport Records Are any movement fyes, is there a systematical. 	cords availab lete and corr ates for introd ts carried ou	le for dead fis ectly entered? ductions (outv	sh and waste ? vith GB) avail shalf) of the b	lable? usiness (not u		?			Y Y N/A
Mortality Records									
1. Mortality records a	ıvailable for i	nspection?							Y
2. How are mortalitie	s disposed o	f?			Whole fish	ı - Dundas Ch	emicals		
If other detail:									
3. Mortality records of	•	correctly ent							Y
4. Recent mortality (I				305 fish (0.05%	6), week 41 ·	- 316 fish (0.0	5%), week 42	<u>2 - 401</u>	
5. Evidence of recen		• •							N
If yes, facility nos/no	mortality per	racility/no sto	ock per facility	y/reason:					
6. Any other peaks in	n mortality du	ring period ch	necked?					_	N
If yes, detail:	,	J							
7. Have increased (u	nexplained)	mortalities be	en reported t	to vet or FHI?					N/A
If yes, detail action:	,								
8. Have 'mortality eve	ents' been re	ported to FHI	? If no, enter	details on mo	rtality events	s sheet.			N/A

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?	
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:	Y
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:	
3. Are records complete and correctly entered? 4. Are fish in a withdrawal period? 5. If yes, what treatment(s)? If other, detail:	
4. Are fish in a withdrawal period? 5. If yes, what treatment(s)? If other, detail:	Y
5. If yes, what treatment(s)? If other, detail:	Y
If other, detail:	N
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?	N/A
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
	N/A
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	d disease
	N/A
(higher N/A
health status, certification if required)?	
Out the best of the second big of the second	inimise N/A
	inimise
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	N/A
	N/A
aquaculture animals held on site?	N/A
, р	N/A
If no, detail:	
Results of Surveillance	
	Y
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?	Y
If yes, detail (if not detailed under recent disease problems). AGD	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 15/07/2021 - 29/10/2021	

Case No:	2021-0491			Date of visit:	04/11/2021			
Site No:	FS1056	l		Inspector:		l		
Results Summary	Freq.			Dat	te of Notificat	tion		
,	· ·	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	-	-						
Report Summary								
Case Type ECI	Date	Insp	2 nd Insp					
ECI	12/11/2021							
	I							





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0169
 Date of Visit
 04/11/2021

 Site No
 FS1056
 Site Name
 Strone

 Case No
 20210491
 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 required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated. The following records were also inspected to ensure that the conditions of authorisation for your Aquaculture Production Business (APB) are being met:

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

Mortality records were inspected and found to be adequately maintained.

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

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

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.

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



Date: 12/11/2021

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0492			Date of visit: 04/11/2021
Time spent on site:	hour	Main Inspecto	r:
Site No: FS1267 Business No: FB0169	Site Name: Business Name:	Gometra The Scottish Salmon Company	/
Case Types: 1 PSI 2	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA: M-37
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	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	il reason below:	

Freshwater treatment being undertaken this week using Ronja Fisk. Each cage is being treated for three hours. More freshwater treatments in April (same time the fish were graded and split with Gigha) and August. Treatments were reportedly successful and cleared AGD very well.

Swabs taken every two weeks for AGD

wk 42 mortality was increased due to lice treatment (alphamax). Not thought to be caused by treatments itself but caused by crowding of fish prior to treatment. The whole site was not treated due to issues with crowd, just 1 cage treated.

Hydrolicer used in wk 42-wk 43. Reportedly successful. Worked better than failed alphamax treatment as they aren't needed to be crowded for so long.

Biologist visited in wk 42. Taken blood samples. They noted the gills were in poor condition but lice and plankton levels were low

Caligus numbers were an issue since last inspection and were up at 13 (average per fish) in week 42 but that fell to 0.6 after hydrolicer treatment. No physical damage caused to fish

Last treatment using SLICE in July. Treatment was prophylactic as lice were not at a level that they would usually treat at. The treatment did reduce lice numbers.

LUM mortality elevated in wk 42 lumpfish mortality due to treatments and harvests.

Harvested 4 cages already. Site has been continually harvested since wk 42 and this will continue until early next year when the site is fallow. Largest fish being harvested first.

Wrasse on site are ballan wrasse from the wild. Lumpsuckers are hatchery reared

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2021-0492		Site No:	FS1267		Insp:	
Date of Visit	04/11/2021		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species		novements on from equivalent zone or	0	0	10	26	
opeoies	Number of sup	ncluding third country	0		18 10	26 14	0
					ļJ		40
Movements off	Frequency of m		0		6	10	3
Exposure via water	Tramber of des	Site contacts	ļ		6-10		Ü
Water contacts with other farms (holding species	Farm is protect disinfection or l	ed (secure water supply through porehole)	0				
susceptible to same diseases)	Farm is on-line	or in a coastal zone with category I	1	2	4		1
		or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	Ī			
products	Common proce	esses with other farms	3				3
	Collection point	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	innasteurised feed	0	1			0
ooc of unpasteurised reeds	Feeding unpas		5				
Biosecurity	3 7 7 7 7	Number of sites	ļ	J	≥4		
Contacts with other sites	Sites operating	from single shorebase	0		2		1
	Sites sharing s	taff and equipment	0		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	1			
					Total		19 MEDIUM
					Rank		MEDIUM

FHI 059, Versio	n 13		Issu	ed by: FHI		Date of is	sue: 12/05/2020
Case No:	2021-049	92	Site No:	F	S1267		
Date of case:	04/11/2021				Inspector(s):		
Danietration/A	the arisetien	Deteile					_
Registration/A			e site summary s	·hoot)			Y
Dusiness/site C	oniacis correc	i: (ii no upuat	e sile summary s	11661)			<u> </u>
Site Details						_	
Total No facilitie	es		16 No facilities	stocked	12	2	
Species	SAL	WRS	LUM				
Age group	2020 S0	mixed	2020				
No Fish	183,283	6,000	19,300				
Mean Fish Wt		mixed	90g				
Next Fallow Da	ite (Site)	Early 2022		Next Inpu	ut Date (Site)	Aug-Sept 2022	
Date of last ins	nection: (FCL	or PSI)	16/06/20)21			
Date of last ms	pection. (LOI	01 1 01)	10,00,20				
Mortality Infor	mation						
1. Any recent in	ncreased or at	ypical mortaliti	es? (last 4 weeks	s).			Y
If yes, detail:	wk 44: 727	9 fish (3.48%)	, wk 43: 7324 fish	า (3.09%), wk	x 42: 16,863 fish (6.14	%), wk 41: 6,14	7 fish (1.99%)
2. Any increase		`	,				Y
If yes, detail:					by swab but no clinica		•
		•			trawls done for plant		
					gist also suspects a n		
	_		•	•	rying to role out a jelly		_
	plans accord		empt to understai	na what mich	o jellyfish are in which	i areas and adju	st stocking
3. How are mor					Whole fish - D	undas Chemical	c
If other detail:	taillies dispos	CG OI:			WHOIC HISH D	andas Onemicai	3
Treatments an							
1. Any treatment		t inspection)				_	Y
	Alphamax		Slice				
Other:	Freshwater a	nd hydrolicer					
Health status	and Results o	of Surveillanc	e				
1. Any disease							Y
•		•	to poor gill health	า			
			carried out by, or		the business?		Y
3. Any significa					,		N
If yes, detail	The results :						
Sea lice							
1. Has the site	experienced s	ea lice probler	ns in the previous	s 4 years?			N
If yes, detail:							
2. Have lice lev	els stayed bel	ow the sugges	ted criteria for tre	eatment in the	e CoGP since the last	inspection?	Y
If no, detail:						•	
	e adult female	e sea lice (L. s	almonis) numbers	s per fish bee	en at a level of 3 or ab	ove (prior to w/b	N
_		•	ince the last insp	•			
4 If yes to 3 ha	ave these bee	n reported to t	he Fish Health In	spectorate?	If no, see comment.		N/A
		•	consents relevant	•	, cco commont		Y
	Alphamax		Salmosan		Slice	7	
		its or the action		gnificant impa	act upon the lice level	s recorded?	Y
If no, detail:				J			
	ned documen	ited farm mana	agement agreem	ent or statem	ent relevant to the sit	e and CoGP	Y
Farm Managen			J				
			equivalent) fallo	wed synchro	nously on a single ye	ar class basis?	Y

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Escapes/Containment		
4. A	1 11\	

Escapes/Containment							
1. Any reported escapes? (check prior to phone call)							
2. Any escapes? (since last inspection)							
If yes, detail:							
(include date)							
Biosecurity Records							
Any significant changes to your biosecurity procedures since previous visit?							
If ves. detail:							

2	2224 2422					201			
Case No:	2021-0492			Date of v	isit: 04/11/20	021			
Site No:	FS1267]		Inspec	tor:				
Results Summary	Freq.	Date of Notification							
Results Summary	rieq.	Database	e Insp	Phone	Insp	Writing	Insp	2 nd Insp	
						77711119	шер	2 1115	
Report Summary			ad						
Case Type	Date	Insp	2 nd Insp						
PSI	08/11/2021								





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0169
 Date of Visit
 04/11/2021

 Site No
 FS1267
 Site Name
 Gometra

 Case No
 20210492
 Inspector

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

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

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

The surveillance frequency category of the site was assessed as 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.

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

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

Signed: Date: 05/11/2021
Fish Health Inspector

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2021-0494			Date of visit: 10/11/2021			
Time spent on site:	1 hour	Main Ir	nspector:			
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Fa	arms Ltd			
Case Types: 1 MOV	2 3	4 5	6			
Water Temp (°C):	Thermometer No:		FHI 045 completed			
Observations:	Region: ST	Water type: S	CoGP MA:			
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N N						
UNI/REG only - if unable to carr	y out intended visit deta	ail reason below:				

Inspection of 21.6 tonnes (18 bags) of mussels for export to Lenger Seafoods Ireland Ltd. Certificate MS2021/0043 signed and left on site. Mussels looked clean and in good condition. No other shellfish observed in the bags.

FHI 059, Version 13	3		Issu	ued by: FHI			Date of issue	e: 12/05/2020
Case No:	2021-0494		Site No:	SS0759]			
Date of Visit:		10/11/2021	1		Inspector(s):			ı
Registration/Author	orisation Deta	ails						
1. Business/site det	ails summary	checked by	site representa	ative?			N	
2. Changes made to	o details?						N/A	1
Site Details (includ	de cleaner fis		tions)					
Total No facilities		23	Facilities sto	ocked	23	No facilitie	es inspected	0
Species	MED	MED						
	2020 (8.5	2021 (15						
Age group	lines)	lines)						
	296.8	10 tonnes						
No Fish	tonnes							
Mean Fish Wt	JUV	SPA						
Next Fallow Date (S		Never fallow	vs	Next Input Da	ate (Site)	2022 Nat	ural spat fall	
Recent (last 4 wks)					Any escapes		•	N/A
If yes, detail:							,	
Movement Record	s							
1. Movement record	ds available fo	r inspection?						Y
2. Date of last inspe	ection:						09/11/2021	
3. Are records comp	plete and corr	ectly entered	?					Y
4. Are movement re	cords availab	le for dead fis	sh and waste?	?				N/A
5. Are records comp	plete and corr	ectly entered	?					N/A
6. Are health certific	•	•		able?				N/A
Turney out December								
Transport Records		it by for on be	abalf) of the bu	usings (not us	ing a CTD\2			
1. Are any moveme		• ,		•				
If yes, is there a sys	item in place i	or maintenar	ice of transpo	rtation records	•			
Mortality Records								
1. Mortality records	available for i	nspection?						N/A
2. How are mortaliti	es disposed o	of?			Other (detail)			
If other detail:	Shells fall to	the seabed						
3. Mortality records	complete and	correctly ent	ered?					N/A
4. Recent mortality	(last 4 wks):		N/A					
5. Evidence of rece	nt increased/a	atypical morta	lities?					N
If yes, facility nos/no	o mortality per	facility/no sto	ock per facility	//reason:				
C. Amy other modes	in manufalitus du	wina novinal o	h a alka dΩ					N/A
6. Any other peaks If yes, detail:	in mortality du	iring period ci	necked?					IN/A
								NI/A
7. Have increased (•	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:		L	10.16	Jacoba and and	-11			NI/A
8. Have 'mortality ev	vents' been re	ported to FH	1? If no. enter	details on mort	ality events sr	neet.		N/A

Toronto ou IMA Palaca Barrata	
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?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	
If no, detail:	
Results of Surveillance	
Has any animal health surveillance been carried out by, or on behalf of, the business?	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: since last inspection - 9 November 2021	

O 11	0004 0404	_			10/44/0	20.4				
Case No:	2021-0494	J		Date of vi	sit: 10/11/20	021				
Site No:	SS0759]		Inspect	tor:					
Deculto Cumanani	Irusa	Date of Notification								
Results Summary	Freq.	Database	e Insp	Phone	Insp	Writing	Insp	2 nd Ins		
		Databas	Пор	THOTIC	Шор	witting	Пор	Z IIIS		
	_									
	+						_			
	+						_			
Report Summary										
Case Type	Date	Insp	2 nd Insp							
MOV	13/12/2021									
	+									





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0530
 Date of Visit
 10/11/2021

 Site No
 SS0759
 Site Name
 Fearna

 Case No
 20210494
 Inspector

Inspection for export

The above site was visited and a consignment of juvenile Common mussels (*Mytilus edulis*) for export to the Republic of Ireland was inspected. A health certificate was issued which must travel with the consignment to the destination.

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

Signed: Date: 13 December 2021

Fish Health Inspector

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020				
Case No: 2021-0495			Date of visit: 11/11/2021				
Time spent on site:	hour	Main Inspecto	r:				
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Farms Ltd					
Case Types: 1 MOV	2 3	4 5	6				
Water Temp (°C):	Thermometer No:		FHI 045 completed				
Observations:	Region: ST	Water type: S	CoGP MA:				
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional inform If yes, see additional inform If yes, see additional inform N	nation/clinical score sheet.				
UNI/REG only - if unable to carry out intended visit detail reason below:							

Inspection of 21.6 tonnes (18 bags) of mussels for export to Lenger Seafoods Ireland Ltd. Certificate MS2021/0044 signed and left on site. Mussels looked clean and in good condition. No other shellfish observed in the bags.

FHI 059, Version 13	3		Issu	ued by: FHI			Date of issue	e: 12/05/2020
Case No:	2021-0495		Site No:	SS0759				
Date of Visit:		11/11/2021	1		Inspector(s):			ı
Registration/Author	orisation Deta	ails						
1. Business/site det	ails summary	checked by	site representa	ative?			N	
2. Changes made to	o details?						N/A	1
Site Details (includ	de cleaner fis		tions)					
Total No facilities		23	Facilities sto	ocked	23	No facilitie	es inspected	0
Species	MED	MED						
	2020 (8.5	2021 (15						
Age group	lines)	lines)						
	275.2	10 tonnes						
No Fish	tonnes							
Mean Fish Wt	JUV	SPA						
Next Fallow Date (S		Never fallow	VS	Next Input Da	ate (Site)	2022 Nat	ural spat fall	
Recent (last 4 wks)	•				Any escapes		•	N/A
If yes, detail:		01			71	(666	vicity.	
., ,								
Movement Record	ls							
1. Movement record	ds available fo	r inspection?						Y
2. Date of last inspe							10/11/2021	
3. Are records comp		ectly entered	?					Y
4. Are movement re	•	•		>				N/A
5. Are records comp								N/A
6. Are health certific	•	•		ablo2				N/A
o. Are riealth certific	ales for introd	Juctions (out)	Willi Gb) availe	able:				14// (
Transport Records	S							
1. Are any moveme	nts carried ou	it by (or on be	ehalf) of the bu	usiness (not usi	ing a STB)?			
If yes, is there a sys		• ,	*	•				
Mortality Records								
1. Mortality records	available for i	nspection?						N/A
2. How are mortaliti	es disposed o	of?			Other (detail)			
If other detail:	Shells fall to	the seabed						
3. Mortality records	complete and	correctly ent	ered?					N/A
4. Recent mortality	(last 4 wks):		N/A					
5. Evidence of rece	nt increased/a	atypical morta	lities?					N
If yes, facility nos/no	o mortality per	facility/no sto	ock per facility	//reason:				
6. Any other peaks	in mortality du	iring period cl	hecked?					N/A
If yes, detail:								
7. Have increased (unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	vents' been re	ported to FH	? If no. enter	details on mort	alitv events sh	neet.		N/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
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: since last inspection - 10 November 2021	

Case No:	2021-0495			Date of visit:	11/11/2021				
Site No:	SS0759	1		Inspector:					
Results Summary	Freq.	Database	Insp	Phone Da	te of Notifica Insp	tion Writing	Insp	2 nd Insp	
		Databasc	ШЭР	THORIC	шэр	vviiding	шэр	z insp	
							=		
							-		
							=		
Report Summary									
Case Type	Date	Insp	2 nd Insp						
MOV	13/12/2021								





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0530
 Date of Visit
 11/11/2021

 Site No
 SS0759
 Site Name
 Fearna

 Case No
 20210495
 Inspector

Inspection for export

The above site was visited and a consignment of juvenile Common mussels (*Mytilus edulis*) for export to the Republic of Ireland was inspected. A health certificate was issued which must travel with the consignment to the destination.

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

Signed: Date: 13 December 2021

Fish Health Inspector

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0496			Date of visit: 12/11/2021
Time spent on site:	hour	Main Inspecto	r:
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Farms Ltd	ı
Case Types: 1 MOV	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•		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:	

Inspection of 21.6 tonnes (18 bags) of mussels for export to Lenger Seafoods Ireland Ltd. Certificate MS2021/0045 signed and left on site. Mussels looked clean and in good condition. No other shellfish observed in the bags.

FHI 059, Version 13			Issu	ied by: FHI			Date of issu	e: 12/05/2020
Case No:	2021-0496		Site No:	SS0759				
Date of Visit:		12/11/2021	נ		Inspector(s):			
Registration/Autho								
1. Business/site deta	•	checked by s	site representa	ative?			N	
2. Changes made to	details?						N/A]
Site Details (includ			tions)					
Total No facilities		23	Facilities sto	cked	23	No facilitie	s inspected	0
Species	MED	MED						
	2020 (8.5	2021 (15						
Age group	lines)	lines)						
No Fish	254	10 tonnes						
Mean Fish Wt	JUV	SPA						
Next Fallow Date (S	ite)	Never fallow	/S	Next Input Da	ate (Site)	2022 Natu	ural spat fall	
Recent (last 4 wks)	disease probl	ems?			Any escapes		•	N/A
If yes, detail:								
Movement Record								
1. Movement record		r inspection?						Y
2. Date of last inspe	ction:						11/11/2021	
3. Are records comp	lete and corre	ectly entered	?					Y
4. Are movement re	cords availab	le for dead fis	sh and waste?					N/A
5. Are records comp	olete and corre	ectly entered	?					N/A
6. Are health certific		•		able?				N/A
Transport Records								
1. Are any movement		t by (or on be	half) of the bu	isiness (not us	ing a STB)?			
If yes, is there a sys					-			
Mortality Records								
Mortality records	available for i	nspection?						N/A
2. How are mortalities					Other (detail)			
If other detail:	Shells fall to				Other (dotail)			
3. Mortality records			rarad?					N/A
•		correctly ent						1 1// \
4. Recent mortality (•	t missi morto	N/A					N
5. Evidence of recer								N
If yes, facility nos/no	mortality per	facility/no sto	ock per racility/	/reason:				
6. Any other peaks i	n mortality du	ring period cl	hecked?					N/A
If yes, detail:		ing partition	loc					
7. Have increased (unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:	inoxpicoc.,	TICH COLLEGE	опторения	7 101 01 1 1 1 1				
8. Have 'mortality ev	ents' been re	ported to FH	12 If no enter	details on mort	tality events sh	neet		N/A
o. Havo mortality of	OTILO DOOTITO	portou to i i ii	. II IIO, OIIIOI ,	actano on more	anty overnous	.001.		

Toronto ou 186 Paisso Barrala	
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, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	
If no, detail:	
Results of Surveillance	.
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: since last inspection - 11 November 2021	

Case No:	2021-0496			Date of visit:	12/11/2021					
Site No:	SS0759	1		Inspector:						
Results Summary	Freq.	Database	Insp	Phone Da	te of Notifica Insp	tion Writing	Insp	and I		
		Database	шэр	i none	шэр	vviiding	шэр	2 nd Insp		
Report Summary			nd							
Case Type	Date	Insp	2 nd Insp							
MOV	13/12/2021									





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0530
 Date of Visit
 12/11/2021

 Site No
 SS0759
 Site Name
 Fearna

 Case No
 20210496
 Inspector

Inspection for export

The above site was visited and a consignment of juvenile Common mussels (*Mytilus edulis*) for export to the Republic of Ireland was inspected. A health certificate was issued which must travel with the consignment to the destination.

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

Date: 13 December 2021

Signed:

Fish Health Inspector

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020				
Case No: 2021-0497			Date of visit: 11/11/2021				
Time spent on site:	hours	Main Ins	pector:				
Site No: FS0559 Business No: FB0169	Site Name: Business Name:	Ardyne The Scottish Salmon Com	npany				
Case Types: 1 ECI 2	CNI 3 SLI	4 5	6				
Water Temp (°C): 11.9	Thermometer No:	T155	FHI 045 completed				
Observations:	Region: ST	Water type: S	CoGP MA: M-45				
Dead/weak/abnormally behaving of Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	·	N If yes, see additional	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.				
UNI/REG only - if unable to carry out intended visit detail reason below:							

NB - BMP, surveillance frequency, CNI, SLI and AMA paperwork completed through case 2021-0244. Inspection of stock and site conducted with respect to sea lice and containment. The site was found to be satisfactory with respect to sea lice levels on site stocks and in relation to sea lice data. The site was found to be satisfactory with respect to containment.

Low lice counts - avg. female between 0.00 and 0.05 per week.

Fish on site deep down and difficult to see. No moribund or lethargic fish observed, mortality reported as low. Wrasse observed round the edges of the cages near the surface grazing on algal growth.

FHI 059, Version 13			Issu	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2021-0497		Site No:	FS0559				
Date of Visit:		11/11/2021]		Inspector(s):			
Registration/Author	risation Det	ails						
1. Business/site deta			site representa	ative?			N	
2. Changes made to	•	·	·				N/A	
Site Details (includ	le cleaner fis	sh for all sect	ions)					
Total No facilities		8	Facilities sto	cked	8	No facilitie	es inspected	8
Species	A. salmon	Wrasse						
Age group	21 S1	2021						
No Fish	382,197	13,276						
Mean Fish Wt	2.144 Kg							
Next Fallow Date (S	ite)	Summer 202	22 ?	Next Input Da	ite (Site)	S1 2023		
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
Movement Records 1. Movement records 2. Date of last inspects 3. Are records computed. Are movement records computed. Are health certifically remains and movements. Are any movements are any movements of the seconds.	Is available for ction: blete and corr cords availab- blete and corr ates for intro- ints carried ou	rectly entered' ole for dead fis rectly entered' ductions (outv	sh and waste? ? vith GB) availa half) of the bu	able? usiness (not usi	-		15/07/2021	Y Y Y N/A
Mortality Records								V
1. Mortality records		•			Whole fish -	Dundes Ch	omicals	Ť
2. How are mortalitied of their detail:	es disposed d) (whole lish -	Dundas Ch	emicais	
	aamplata ana	l corroctly ont	orod?					V
 Mortality records Recent mortality (•	a correctly em		(u vva ale fau aita	in colmon	\//*******	
5. Evidence of recer		atypical morta		6; 332 - 604 pe	i week for site	in Saimon.	wrasse - nor	maily single N
If yes, facility nos/no		* *		drosson:				11
II yes, lacility 1105/110	Thortainly per	racility/110 Stc	ock per facility	/Teason.				
6. Any other peaks i	n mortality du	iring period ch	necked?					N
If yes, detail:	Mortality at	aning period ci	iookou:					
7. Have increased (unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:			roportos t					
8. Have 'mortality ev	ents' been re	eported to FHI	? If no. enter	details on mort	ality events sh	neet.		N/A
			,		.,			

Treatments and Medicines Records		
Recent treatments (see comment)?		Y
If yes, detail: TMS		
If other, detail:		
Medicines records available for inspection?		Y
3. Are records complete and correctly entered?		Y
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?	TMS	
If other, detail:	1	
6. Are medicines stored appropriately?		N/A
, , , , , , , , , , , , , , , , , , , ,	•	
Biosecurity Records		
Biosecurity records available for inspection?		Y
2. Has the manner and frequency of mortality remova	al, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will n	otify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been inc	cluded?	Y
4. Has the action that will be taken in the event that th	ne presence or suspicion of the presence of a listed disease	
is detected been included and how and when that wi	Il 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 imp	olemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of	•	
7. Is documentation available regarding the measures	· ·	Y
aquaculture animals held on site?	s in place to maintain the physical containment of	
8. Have the biosecurity procedures been adequately i	implemented on site?	Y
If no, detail:		
Results of Surveillance		
1. Has any animal health surveillance been carried ou	ut 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 prob	olems).	
Records checked between:	15 July to inspection date	

Case No:	2021-0497			Date of visit:	11/11/2021			
Site No:	FS0559	1		Inspector:				
		ı						
Results Summary	Freq.	Database	lnan	Da Phone	te of Notifica	tion Writing	linon	and .
		Dalabase	Insp	Priorie	Insp	vvriung	Insp	2 nd Insp
			-				-	
							-	
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
ECI, SLI, CNI	03/12/2021							





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0169
 Date of Visit
 11/11/2021

 Site No
 FS0559
 Site Name
 Ardyne

 Case No
 20210497
 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

Records associated with the surveillance frequency category of the site, the biosecurity measures plan and the information required for the public record of aquaculture production businesses regarding this site, were inspected in accordance with a previous case 2021-0244.

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 - as inspected through case 2021-0244.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

In conjunction with the paperwork inspection through case 2021-0244, the site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice), section 4A regarding fish farm management agreements and statements and section 5 regarding containment and escapes.

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

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

Signed: Date: 3 December 2021
Fish Health Inspector

Annex - The Aquaculture and Fisheries (Scotland) Act 2007

Section 4A of the Aquaculture and Fisheries (Scotland) Act 2007, as amended, introduces the requirement for a person carrying out the business of fish farming within a farm management area (1) to;

- (a) be party to a farm management agreement, or prepare and maintain a farm management statement, in relation to the fish farm, and
- (b) ensure that the fish farm is managed and operated in accordance with the agreement or statement.

To ensure compliance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, the following points must be addressed in the farm management agreement/statement [delete as appropriate]

- The statement or agreement must identify the farm management area to which the agreement or statement applies.
- The statement or agreement must identify the fish farm sites to which the agreement or statement applies.
- The statement or agreement must identifying the date of commencement
- The statement or agreement must identify the date of review (farm management agreements or statements must be reviewed at least every two years).
- In the case of a farm management agreement, arrangements for persons to become, or cease to be, parties to the agreement.

The statement or agreement must include arrangements for;

NB if the FMAg/FMS includes some arrangements on health management, live fish movements or harvesting from our checklist, do not make any further recommendations regarding the missing points and delete these sections. Only include recommendations if health management, live fish movements or harvesting have not been addressed at all [delete this paragraph before issuing report].

- Fish health management
 - This may include the minimum health standards for stocks introduced to the area; vaccination requirements of stocks held in the area; the species of fish to be stocked into any farm in the area; the maximum stocking density of any cage on any fish farm in the area and the arrangements for the storage and disposal of any dead fish from the area (examples for guidance).
- The management of parasites⁽²⁾
 This must include arrangements for the synchronisation of treatments; the availability of and use of medicines; requirements for sensitivity testing; the sharing of data and information on sea lice numbers and treatments and the use of biological controls and cleaner fish.

- The movements of live fish on and off the farms
 This may include the methods and circumstances in which live fish will be introduced to or
 removed from the area (examples for guidance).
- The harvesting of fish
 This may include details of acceptable harvesting practices; whether by live or dead fish
 removal and details of containment and biosecurity (examples for guidance).
- Fallowing of the farms after harvesting
 This must include the dates for fallowing of the area, the earliest date of restocking, identify
 whether one or more year classes may be stocked onto sites covered by the agreement &
 identify whether broodstock or potential broodstock are to be kept on any site covered by
 the agreement.

A copy of this annex has been sent to [insert business name of other signatories to the FMAg] as signatories to the farm management agreement for area [insert area]. [Delete as appropriate - include only for agreements]

⁽¹⁾ Farm management area means an area specified as such in the Code of Good Practice for Scottish Finfish Aquaculture

⁽²⁾ Parasites as defined in The Aquaculture and Fisheries (Scotland) Act 2007 which means *Caligus elongatus* and *Lepeophtherius salmonis*

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0505			Date of visit: 12/11/2021
Time spent on site:		Main Inspecto	or:
Site No: FS0805 Business No: FB0119	Site Name: Business Name:	Bagh Dail Nan Cean Mowi Scotland Ltd	
Case Types: 1 PSI 2	3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA M-40
Dead/weak/abnormally behaving to Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?		If yes, see additional infor	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:	

PSI conducted following reported increased mortality on site. PSI conducted by _____, shadowed by _____. Recent mortalities

Week 43 - 13,645 Q4 fish at 3.57kg (2.44%)

Week 44 - 17,222 Q4 fish at 3.75kg (3.16%)

Week 45 - 7000 (~1.5%) so far - 90% are treatment related. Suspect peak was environmental insult on gills. Some CMS also reported. Vet report from 28/10/2021 - Gill anaemia and CMS suspected (fragile atrium and/or congestion distal intestine), seal damage, general congestion, poor performer, ERM suspected in one fish. 174 fish investigated in total. Samples collected and results from Patogen - 03/11/2021 - PMCV 4/4. Previous report from samples on 19/10 - negative for skyensis and Yersinia. 3/4 positive PMCV.

Mortality attributed to gill problems as well as CMS, 2 pens (2 and 10) responsible for significant share of mortality, harvesting these pens has commenced on site, both will be empty by end of the week. Site manager reported that mortality numbers at beginning of this week have improved. Wrasse mortality - 17% since stocking. Background mortality reported as pretty low - single figures normally, main mortality is due to treatment but also some Atypical furunculosis in last few weeks. Last few weeks wrasse mortality - wk 43 - 3.53%, wk 44 - 4.46%, wk 45 - 3.18%, wk 46 - 0.26%.

Other peaks in mortality (salmon):

Week 31 - 1,561 Q2 fish at 6.26kg (1.01%) gill disease

Week 32 - 4,199 Q2 fish at 6.43kg (2.75%) gill disease

Week 33 - 2,007 Q2 fish at 6.55kg (1.71%) gill disease

Mortalities attributed to microjellies. Site fallow on 24/08/2021

Week 36 - 15,715 Q4 fish at 2.88kg (3.27%) mortality in fish transferred from Loch Erisort

Week 37 - 11,918 Q4 fish at 2.86kg (2.02%) mortality related to fish recently transferred

Week 38 - 13,997 Q4 fish at 3.07kg (2.42%) mortality after thermolicer treatment

Sea Lice

Sea lice above CoGP levels from wb 14/06/2021 to wb 30/08/2021 and between wb 20/09/2021 to present.

Salmosan and physical treatments carried out to reduce the lice load.

Average adult females/fish above 2 in weeks 25 (2.06), 31 (2.39), 38 (2.75), 39 (3.88), 40 (2.61)

Average adult females/fish for the last 4 weeks: week 40 2.61, week 41 1.49, week 42 1.19, week 43 1.34.

8 cages stocked as of 13/11 as harvest ongoing. Another 90000 due to be harvested over next couple of weeks.

Stocked from Loch Erisort - 03/09/2021

Ensiled material collected to go to Energen.

3 or 4 pens treated with thermolicer following input. 10% wrasse input within 3 weeks of current stock.

Some AGD about - 19/10 AGD swabs - 16/19 positive - CT values from 23.56 - ~30.

FMA usually fallows synchronously but this year did not.

Salmosan treatment has been fairly effective - full site treated. Current numbers 1.7 Thermolicer due next Thursday. Probable gill treatment after that - H2O2 due to wrasse. Wrasse reported to be in good condition.

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020	
Case Number:	2021-0505		Site No:	FS0805		Insp:		
Date of Visit	12/11/2021		No of m	No of movements/supp./dest.				
Live fish movements			C	1-5	6-10	>10		
Movements on (from out	Frequency of m	novements on from equivalent MS	C	5	10	14	0	
with GB) of susceptible species		novements on from equivalent zone or						
opened	Number of sup	ncluding third country	0		18 10	26 14	0	
							0	
Movements off	Frequency of m		C			10 10	10	
Exposure via water	Number of des	Site contacts	0			10	3	
Water contacts with other	Farm is protect	ed (secure water supply through	Ī	<u> </u>				
farms (holding species	disinfection or l	porehole)	C)				
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion			4		2	
		or in a coastal zone with category III	1	2	4		2	
		n or within 1 tidal excursion	1	3	6			
		or in a coastal zone with category V						
	farms upstrean	n or within 1 tidal excursion	1	4	8			
Management practices			None	Secure	Unsecure			
Water contacts with	Any processing	plant discharging into adjacent waters						
processors			(<u> </u>	2		0	
On farm processing within the rules of the directive	No on farm pro	cessing	C					
the fules of the directive	Processing own	n fish (re-cycling risk)	1	1			1	
	Processing fish	from MS of equivalent status	2				<u>'</u>	
	Processing fish	from zone or compartment of		1				
	equivalent stati		4	<u> </u>				
		from Category III farm	8	3				
	Processing fish	r from Category ∨ farm	10)				
Disposal of fish and fish by-	Site's own was	te only processed.	C)				
products	Common proce	esses with other farms	3	3			3	
	Collection poin	t for waste from other farms	5	5				
Use of unpasteurised feeds	No feeding of u	Inpasteurised feed					0	
·	Feeding unpas	'	5	5				
Biosecurity		Number of sites	1	」 │ 2 or 3	≥ 4			
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2	
	Sites sharing s	taff and equipment	0		2		0	
Disinfection of equipment	Yes			1				
between sites, use of	No		C	<u>'</u>				
footbaths etc	110		1]			1	
CoGP/Regulator Practices in accordance	Yes			1				
with regulator or industry			C)			0	
code of practice	No		3	3				
Platform access to cages	Yes]				
i lationii access to cages	No		0	0			0	
	140			1				
					Total		22	
					Rank		MEDIUM	

FHI 059, Versi	on 13		Issue	ed by: FHI		Date of issu	ie: 12/05/2020
Case No:	2021-050	5	Site No:	FS080	5		
Date of case:	12/11/2021		_		Inspector(s):		
Registration/A	Authorisation D	Details					
Business/site	contacts correct	? (if no update	site summary sh	neet)			N
Site Details						_	
	ies		12 No facilities s	tocked		9	
Species			No raominos s	- I		1	
Age group			_			 	
No Fish	440,000	36,000					
Mean Fish Wt		80g					
Next Fallow Da	ate (Site)	January 2022	2	Next Input Dat	te (Site)	April/May 2022	
Date of last ins	spection: (ECI o	r PSI)	25/05/202	21			
Mortality Info	rmation			_			
		pical mortalities	s? (last 4 weeks)).		г	Y
•	The state of the s		(1201) (100110)		fo.		
	ed mortalities? (since last insp	ection.)				Y
If yes, detail:		•	,				
• •					Ensiled - on s	ite	
If other detail:					•		
Treatments a	nd Medicines						
		inspection)				г	
•				_		¬	'
Other:	Calificati						
Llaalth atatus	and Beaulte of	Cumraillanas					
			١				
		last inspection	,				<u> </u>
•		eillance heen c	arried out by or	on hehalf of the	husiness?		Y
•		cinarioc been c	arrica out by, or	on benan or, the	business:	-	Y
							·
,,	OMO, AGD						
Sea lice							
1. Has the site	experienced se	a lice problems	s in the previous	4 years?			N
If yes, detail:							
2. Have lice lev	vels stayed belo	w the suggeste	ed criteria for trea	atment in the Co	3P since the las	t inspection?	N
If no, detail:							
3. Have averag	ge adult female	sea lice (L. sal	monis) numbers	per fish been at	a level of 3 or al	oove (prior to w/b	Y
10/6/19) or 2 o	or above (from w	//b 10/6/19) sin	ce the last inspe	ction?		_	
4. If yes to 3, h	ave these been	reported to the	e Fish Health Ins	pectorate? If no,	see comment.	Г	Y
5. Does the sit	e have treatmer	nt discharge co	nsents relevant	to sea lice?			Y
If yes, detail:	Salmosan		Slice		Alphamax		
total No facilities T2 No facilities stocked 9 species SAL WRS							
If no, detail:							
	-	_	ement agreeme	nt or statement re	elevant to the si	te and CoGP	Y
8. Is the CoGP	rarm Manager	ment Area (or e	equivalent) fallov	wed synchronous	ly on a single ye	ear class basis?	N

Escapes/Containment	
1. Any reported escapes? (check prior to phone call)	N
2. Any escapes? (since last inspection)	N
If yes, detail:	
(include date)	
Biosecurity Records	
Any significant changes to your biosecurity procedures since previous visit?	N
If yes, detail:	

Case No:	2021-0505			Date of visit:	12/11/2021			
Site No:	FS0805	l		Inspector:		I		
Results Summary	Freq.			Da	te of Notifica	tion		
,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type PSI	Date	Insp	2 nd Insp					
PSI	18/11/2021							





SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No FB0119 **DATE OF VISIT** 12/11/2021

SITE No FS0805 SITE NAME Bagh Dail Nan Cean

Case No 20210505 Inspector

Remote assessment under the Aquatic Animal Health (Scotland) Regulations 2009

Notifications of mortality levels above the reporting criteria were received by the Fish Health Inspectorate (FHI) for the period of 6 September 2021 to 7 November 2021. A remote assessment was conducted by telephone to gather information in accordance with the Aquatic Animal Health (Scotland) Regulations 2009. Information was also gathered in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice).

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

The surveillance frequency category of the site was assessed as 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.

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

At the time of the call, the mortality levels for the most recent week had reduced but were still above the reporting level. The FHI will continue to monitor mortality levels and a site inspection will be carried out if required.

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

Signed:

Fish Health Inspector

Date: 18/11/2021

FHI 059, Version 13	ls	ssued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0506			Date of visit: 23/11/2021
Time spent on site:	ihrs	Main Inspect	or:
Site No: FS0150	Site Name:	Loch Lochy	
Business No: FB0119	Business Name:	Mowi Scotland Ltd	
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6
Water Temp (°C): 9.5	Thermometer No:	T148	FHI 045 completed
Observations:	Region: HI	Water type: F	CoGP MA
Dead/weak/abnormally behaving	fish present?	N If yes, see additional info	rmation/clinical score sheet.
Clinical signs of disease observe	d?		rmation/clinical score sheet.
Gross pathology observed?		If yes, see additional info	rmation/clinical score sheet.
Diagnostic samples taken?		N	
UNI/REG only - if unable to carry	out intended visit detail	reason below:	

Remote inspection done by , observed by on 16/11/2021.

Stock from Inchmore input 08/11/2021.

All stock coming onto site are from internal MOWI hatcheries. All fish vaccinated prior to transfer.

Site inspection carried out by observed by on 23/11/2021.

The fish have been recently transferred from the hatchery and are feeding deep in the cages.

Six pens had added photoperiod. No moribunds observed and all fish sampled for the VMD appeared healthy.

VMD sampled by supervised by

The fish sampled for the VMD were euthanized with TMS.

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issue	: 12/05/2020			
Case No:	2021-0506		Site No:	FS0150							
Date of Visit:		23/11/2021]		Inspector(s):						
Registration/Autho 1. Business/site deta			ite representa	ative?			Υ				
2. Changes made to	details?						Υ				
Site Details (includ	e cleaner fis	h for all sect	ions)								
Total No facilities	c cicarior no	36	Facilities sto	cked	12	No facilitie	s inspected	12			
Species	SAL										
Age group	Q1 2021										
No Fish	1,129,273										
Mean Fish Wt	80g										
Next Fallow Date (S		May 2022	•	Next Input Da	ite (Site)	July 2022					
Recent (last 4 wks)	•	•			Any escapes		visit)?	N			
If yes, detail:						`	,				
Movement Records 1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? If yes, is there a system in place for maintenance of transportation records?											
Mortality Records											
1. Mortality records a	available for in	nspection?						Y			
2. How are mortalities	es disposed of	f?			Incinerated -	on site					
If other detail:											
3. Mortality records	complete and	correctly enter	ered?					Y			
4. Recent mortality (last 4 wks):		Week 42 - 6	37 fish (0.04%)), week 43 - 2 ⁻	73 fish (0.0)	2%), week 44 ·	- 19 fish			
5. Evidence of recer	nt increased/a	typical mortal	ities?					N			
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:			_				
	. 19		1 10					81			
6. Any other peaks in	n mortality du	ring period ch	lecked?					N			
If yes, detail:	un aventaire a all		an uanasta d	a viet en FUIIO				NI/A			
7. Have increased (u	inexplained) i	nortalities per	en reported to	vet or FHI?				N/A			
If yes, detail action:	antal haara	ported to FUII	2 If no sutre	dataila au us ut	ality avents -	a a t		NI/A			
8. Have 'mortality ev	ents been re	ported to FHI	r it no, enter	details on mort	ality events sh	ieet.		N/A			

Treatments and M								
Recent treatment	`	,						Y
If yes, detail:		Formalin,						
II yes, uetaii.	Treated at	Pyceze						
	Inchmore							
	before							
	transfer -							
	end of							
	withdrawal							
	on the							
	18/11/2021.							
If other, detail:								
2. Medicines record		•						Y
3. Are records comp		ctly entered?						ı
4. Are fish in a without			_					N
5. If yes, what treat	ment(s)?							
If other, detail:	and enprepries	4-1-O						
6. Are medicines st	огео арргорна	tery?						
Biosecurity Recor	ds							
Biosecurity record		rinspection?						Y
_		of mortality removal,	recording	and safe	disposal l	been consider	ed?	Y
		hich the APB will not	_					
		at the site been inclu	-			,		Y
		in the event that the		or suspici	ion of the	presence of a	a listed disease	
is detected been inc	luded and how	v and when that will b	be notified	to Scottis	sh Ministe	rs?		Y
5. Has the health st	atus of aquacu	lture animals being s	tocked on	the farm s	site been	covered (equ	al or higher	Y
health status, certifi	cation if require	ed)?						
	•	urity measures imple			•	_		Y
		ered (movement of sta						
		rding the measures in	n place to	maintain t	the physic	cal containme	nt of	Υ
aquaculture animals								
	rity procedures	s been adequately im	plemented	d on site?				Y
If no, detail:								
Results of Surveill	ance							
		nce been carried out l	by, or on b	ehalf of, t	the busine	ess?		Y
2. If yes, are results			-,, -					Y
3. Any significant re								N
If yes, detail (if not o	detailed under i	recent disease proble	ems).					
	Records check	red between:	29/1	10/2019 - 2	23/11/202	21		

0004.0500							FS0150 Date of visit/ 23/11/2021 23.							
	Case no:	2021-05	006	Site No: FS0150)				23/11/2021 23/			
	Priority samples:	VI		ВА РА			Sampling: MG H				1			
	Time sampling	11:3	11:30:00 13:00:00		0:00	١	Inspecto	or:		١	VMD N	0.	44	
	starts/ends:	. 1								_				
	Environmental conditions:	1	Indoors	2		3		4		5				
	Summary samples	HIST		ВА		MG		\/I		P A		Total S	amples	
	Summary Samples	11131		DA		IVIG		VI		I FA		Total S	amples	
Δ	dd Fish/Pools - click													
	da i ionii ooio onek													
	Pool/Fish No													
	Fish nos	1-8	9-16	17-24	25-32	33-40	41-48	49-56	57-64	65-70	71-76	77-82	83-88	
	Pool Group													
	Species	SAL	SAL	SAL		SAL	SAL	SAL		SAL	SAL	SAL	SAL	
	Average weight	80g		80g			80g	80g	80g 80g		80g 80g)	80g	
	Sex	N/A		N/A		N/A	N/A	N/A		N/A	N/A	N/A	N/A	
	Water Type	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW	
(0)														
tails		ore	ore	ore	ore	Ore	ore.	Ore	ore	ore] Je	ore.) Le	
Details		Ĕ	Ĕ	TIL.	שנו	Ĭ,	Ĕ	Ĕ	Į ŭ	Ĕ	Ĕ	Ĕ	Ĕ	
	Stock Origin	Inchmore	Inchmore	Inchmore	Inchmore	Inchmore	Inchmore	Inchmore	Inchmore	Inchmore	Inchmore	Inchmore	Inchmore	
Stock	Facility No	1	2			5	6	7		9	10	11	12	

	,														
11/2021 Additional Sample Information:															
	Fish killed using TMS.														
0 Total Tests assigned 0															

FHI 059, Version 13		Issued by: FHI			Date o	t issue	: 12/05/2020
Case Number:	2021-0506		Site No:	FS0150	I	Insp:	
Date of Visit	23/11/2021		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out		novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or necluding third country	0	9	18	26	0
·	Number of sup		0			14	0
Movements off	Frequency of n	novements off	T 0	3	6	10	10
	Number of des		0		6	10	6
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or	•	0				
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		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	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
the fules of the directive	Processing ow	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	n from zone or compartment of us	4				
	Processing fish	n from Category III farm	8				
	Processing fish	n from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	1			0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	T 0	i			0
·	Feeding unpas	•	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		
Disinfection of equipment	Yes		0]			0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0	1			0
	No		2]			
					Total Rank		18 MEDIUM

Case No:	2021-0506		Site No:	FS0150	
Sea Lice Inspection (Seawater Sites Only)				
	nced sea lice problems in the pre	vious 4 years?			
2. Is the CoGP Farm M	lanagement Area (or equivalent)	fallowed synchronously on	a single y	ear class basis?	
azamethiphos and ema	access to a range of licenced in-fe amectin benzoate) as well as acc in a reasonable period of time?				, and
4. Is there a signed do	cumented farm management agreequivalent)?	eement or statement releva	nt to the si	ite and CoGP Farm	
5. Are sea lice count re	ecords available for inspection? (L	egal SSI, CoGP Annex 6)			
6. Do records adequate	ely reflect the required standard s	pecified in the SSI and the	CoGP? (L	egal SSI, CoGP Annex 6)	
7. Are sea lice (<i>L. salm</i> records are inspected?	onis) record levels below the sug (CoGP Annex 6)	ggested criteria for treatmer	nt in the Co	oGP during the period tha	t
	female sea lice (<i>L. salmonis</i>) nur 0/6/19) during the period that rec		el of 3 or a	above (prior to w/b 10/6/19	9) or
If yes, have these beer	reported to the Fish Health Insp	ectorate? If no, FHI see co	mment.		
9. Is C. elongatus infe	station at a level which is conside	red to cause significant we	lfare proble	ems? (CoGP 4.3.81, 5.3.5	50)
•	reatments been administered or or creatment or where <i>C. elongatus</i> i				
11. Has any other action	on been taken (where applicable)	?			
•	eatments or the actions taken ha	• • • • • • • • • • • • • • • • • • • •			
	ere conducted, carried out in coo		_		
sea lice?	g strategy for the site, where few	er populations or part popu	lations are	e neid without treatment to	r
	ific written lice management proc scalation of a sea lice infestation?		ribing set a	actions to deal with recogr	nised
16. Do the sea lice leve	els observed on stocks reflect sea	a lice count data? If no plea	se detail re	easons.	
Containment Inspecti	on				
•	nced equipment damage due to p	predators in the current or p	revious pr	oduction cycles?	N
•	ce to mitigate against the predati	•		•	Y
Dyneema nets,					•
top nets (bird					
nets),					
If other, detail below:		if necessary			
	ough the top nets to be activated nts or events been experienced of	•	to since the	a last FHI inspection?	N
	estions 4 – 9. If No skip to question		ie since un	e last i i i i i i spection:	14
	ported to Scottish Ministers?				
·	ported to local DSFB forthwith (wh	nere they exist)? (CoGP -	4.4.37, 5.4	l.17)	
6. Have these been rep	ported to the SSPO and local fish	eries trusts forthwith (where	e they exis	t)? (CoGP – 4.4.37, 5.4.1	7)
7. Were methods (if an	y) used to recover escapees? If y	es give detail			
	oyed was this action agreed with	local wild fish interests and	was perm	ission given by Scottish	
Ministers? (Legal, CoG 9. What action was tak	en to prevent and minimise the ri	sk of further escapes? (Not	covered in	n code but could	
be considered unde	r satisfactory measures of the	Act)			
10. Is the site inspecte	d as satisfactory with regards to d	containment? If no, please o	detail reaso	on(s)	Y

Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

		_				_		
Case No:	2021-0506			Date of visit:	23/11/2021			
Site No:	ECO1EO	1		la ana ataw				
Site No.	FS0150	J		Inspector:				
Results Summary	Freq.			Da	te of Notifica	tion		
,	i i	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary				1				
Case Type	Date	Insp	2 nd Insp	1				
ECI, CNI, VMD	29/11/2021							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0119Date of Visit23/11/2021Site NoFS0150Site NameLoch Lochy

Case No 20210506 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

R04

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 29/11/2021
Fish Health Inspector

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0507			Date of visit: 24/11/2021
Time spent on site:	nrs	Main Inspecto	r:
Site No: FS1269 Business No: FB0119	Site Name: Business Name:	Lochailort Recirculation Hatche Mowi Scotland Ltd	ery
Case Types: 1 VMD	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: F	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?		N If yes, see additional infor	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detai	il reason below:	

Remote inspection done by supervised by on 15/11/2021

Stock Origin - Aquagen Holywood

VMD samples collected by value, supervised by on 24/11/2021. All fish sampled looked healthy. Low numbers of mortalities observed in some tanks, no moribund fish observed on site. The fish for the VMD were killed using TMS and sampled by value, supervised by value.

FHI 059, Version 13			Issu	ıed by: FHI			Date of issue	e: 12/05/2020
Case No:	2021-0507]	Site No:	FS1269				
Date of Visit:		24/11/2021]		Inspector(s):			l
Registration/Author								
1. Business/site det	_	checked by s	ite representa	ative?			Y	
2. Changes made to	details?						N	
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities		55	Facilities sto	ocked	14	No facilitie	s inspected	55
Species	SAL							
	Mar 22							
Age group	smolts							
No Fish	2,451,845							
Mean Fish Wt	21g							
Next Fallow Date (S	•	Ongoing pro	duction	Next Input Da	_ ` '	16/11/2021		
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last)	visit)?	N
If yes, detail:								
Movement Record								V
1. Movement record		r inspection?					00/00/0004	Y
2. Date of last inspe							03/08/2021	V
3. Are records comp		•		_				Y N//A
4. Are movement re				•				N/A
5. Are records comp		•		-1-1-0				N/A
6. Are health certific	ates for introd	iuctions (outw	vitn GB) avail	able?				1
Transport Decords								
Transport Records		t by (or on bo	half) of the hi	usinoss (not us	ing a STD\2			
1. Are any movement								
If yes, is there a sys	tem in place i	or maintenan	ce or transpo	riation records	f			
Mortality Records								
1. Mortality records	available for i	nenection?						Y
2. How are mortalitie					Incinerated -	on site		
If other detail:	co dioposed o				momerated	OH Site		
3. Mortality records	complete and	correctly ente	ered?					Y
4. Recent mortality				3,039 fish (0.1%	6) week 43 - 1	1 866 fish (0	06%) week	14 - 10 903
5. Evidence of recer	•	typical mortal		7,000 11011 (0.17)	o), week 10	1,000 11011 (0	, week	N
If yes, facility nos/no				//reason:				
, ,	71	,						
6. Any other peaks i	n mortality du	ring period ch	necked?					N
If yes, detail:								
7. Have increased (unexplained) i	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	tality events sl	neet.		N/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	N
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	
If no, detail:	
Results of Surveillance	
Has any animal health surveillance been carried out by, or on behalf of, the business?	
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 03/08/2021 - 24/11/2021	

	Coop version 15	0004.0	F07	Cita Na		E04000		100	Detector.		24/	44/2024	24/
	Case no:	2021-0	50/	Site No		FS1269			Date of Samplir			11/2021	24/
	Priority samples:	V		ВА		PA		MG		ig. Hi		1	
	Time sampling starts/ends:	11:0	00:00	13:3	0:00]	Inspecto	or:		l	VMD N	0.	43
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-17	18-29	30-41	42-58	59-93	94-105	106-117	118-129	130-141	142-156	157-17	172-186
	Pool Group												
	Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL
	Average weight	25g	25g	25g	25g	25g	25g	25g	25g	25g	25g	25g	25g
	Sex	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	N/A	N/A	N/A
	Water Type	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW
		ਰ		ō	ō	ō	ō	0	<u> </u>	ō	ح ا	ਰ	ō
		000	Holywood	000	000	000	00/	000	8	Holywood	8	000	00/
	1	<u> </u>	<u>\$</u>	<u>\$</u>	<u> </u>	<u>\$</u>	<u>\$</u>	<u> </u>	<u> </u>	<u>\$</u>	<u>\$</u>	<u> </u>	<u>\$</u>
ဟ		을 모	운	운		운	웃	을 보	운	운	운	운	유
Details		en	e	en	en	en	en	en	en	en	en	en	en
De		lag	lag l	ıag	lag	lag	lag	lag	lag	lag	lag	lag	lag
상	Stock Origin	Aquagen Holywood	Aquagen	Aquagen Holywood	Aquagen	Aquagen Holywood	Aquagen Holywood	Aquagen Holywood					
Sto	Facility No	33	34	35	37	38	39		41	42	43	44	45

Fish killed using TMS.
187-201202-214 SAL SAL
SAL SAL
SAL SAL
SAL SAL
SAL SAL
25g 25g
N/A N/A
1477
FW FW
Aduagen Holywood Aduagen Holywood Aduagen Holywood

		_				_		
Case No:	2021-0507			Date of visit:	24/11/2021			
Cita Na	E04200							
Site No:	FS1269			Inspector:				
Results Summary	Freq.			Da	te of Notifica	tion		
,	· ·	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
VMD	29/11/2021		2 11100					





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0119 Date of Visit 24/11/2021

SITE NO FS1269 SITE NAME Lochailort Recirculation Hatchery

Case No 20210507 INSPECTOR

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

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

Samples were taken to be analysed for veterinary residues.

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

Records

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

Medicine records were inspected and found to be adequately maintained.

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

Mortality records were inspected and found to be adequately maintained.

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

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

Signed:

Fish Health Inspector

Date: 29/11/2021

FHI 059, Version 13	Is	sued by: FHI	Date of issue: 12/05/2020				
Case No: 2021-0508			Date of visit: 25/11/2021				
Time spent on site:	:30	Main Inspec	etor:				
Site No: FS0226	Site Name:	Inchmore					
Business No: FB0119	Business Name:	Mowi Scotland Ltd					
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6				
Water Temp (°C): 11.5	Thermometer No:	Site	FHI 045 completed				
Observations:	Region: HI	Water type: F	CoGP MA				
Dead/weak/abnormally behaving	fish present?	Y If yes, see additional inf	ormation/clinical score sheet.				
Clinical signs of disease observe	d?		ormation/clinical score sheet.				
Gross pathology observed?		If yes, see additional inf	ormation/clinical score sheet.				
Diagnostic samples taken?		N					
UNI/REG only - if unable to carry out intended visit detail reason below:							

Remote inspection done on 18/11/21 by , observed by

Q1 fish - Q2 to be transferred to Loch Lochy

Q2 fish - to smolt at Inchmore before going to sea

Recent Mortalities

Q1 Spare (Mowi Ireland) - all transferred out to Loch Lochy 17/11/21

Week 45 - 191 fish (0.01%)

Week 44 - 280 fish (0.02%)

Week 43 - 321 fish (0.03%)

Week 42 - 218 fish (0.02%)

Q1 - Mowi Ireland

Week 45 - 1,411 fish (0.07%)

Week 44 - 1,484 fish (0.08%)

Week 43 - 890 fish (0.05%)

Week 42 - 794 fish (0.04%)

Q2 - Aquagen Holywood

Week 45 - 3,217 fish (0.12%)

Week 44 - 2,432 fish (0.09%)

Week 43 - 3,145 fish (0.11%)

Week 42 - 3,508 fish (0.13%)

Peaks in Mortality

Week 23 2021 - 117,908 fish (7.35%) - low oxygen issue while grading, reported to FHI

Week 26 2021 - 317,068 fish (11.22%) - hydrogen sulphide build up in supersat line while not in use, reported to FHI, APHA inspection conducted - supersat line now constantly aerated to prevent issue

Site inspection carried out on 25/11/21 by supervised by

The temperature in the fry tanks (Q2) was 14.2 degrees, while the temperature in the smolt tanks (Q1 - sampled for VMD) was 11.5 degrees. Very little mortality observed.

Some background mortality observed in the smolt tanks. The smolts are currently being vaccinated, with tanks 4, 6, 7, and 9 already completed. Very little machine damage observed on the fish.

The fish for the VMD were killed using TMS and sampled by , observed by . All fish looked healthy.

FHI 059, Version 13		_	Issu	ed by: FHI	_	Date of issu	ue: 12/05/2020
Case No:	2021-0508		Site No:	FS0226			
Date of Visit:		25/11/2021]		Inspector(s):		
Registration/Autho	risation Deta	nils					_
1. Business/site deta	ails summary	checked by s	ite representa	ative?		Υ	
2. Changes made to	details?					N	
Site Details (includ	e cleaner fis	h for all sect	ions)				
Total No facilities		49	Facilities sto	cked	34	No facilities inspected	49
Species	SAL	SAL					
Age group	Q2 2022	Q1 2022					
No Fish	2,574,188	1,888,691					
Mean Fish Wt	6g	40g					
Next Fallow Date (S	_	Ongoing cyc	ele	Next Input Da	te (Site)	January 2022 - Aquage	en Holywood
Recent (last 4 wks)	*				_ ` ′	(since last visit)?	N
If yes, detail:					,, cccapes	(0)	
2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? If yes, is there a system in place for maintenance of transportation records?							
Mortality Records							
1. Mortality records a	available for i	nspection?					Y
2. How are mortalities disposed of? Incinerated - on site							
If other detail:							
3. Mortality records	complete and	correctly ent	ered?				Y
4. Recent mortality (last 4 wks): See additional info.							
5. Evidence of recer	nt increased/a	typical mortal	lities?				N
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:			
6. Any other peaks i	n mortality du	ring period ch	necked?				Y
If yes, detail:	See addition	al info.					
7. Have increased (u	unexplained)	mortalities be	en reported to	o vet or FHI?			N/A
If yes, detail action:							
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	ality events sh	leet.	Y

Treatments and Medicines Records								
Recent treatments (see comment)?		Y						
Formalin,								
If yes, detail: Pyceze								
If other, detail: Q1 stock								
Medicines records available for inspection?		Y						
Are records complete and correctly entered?		Y						
4. Are fish in a withdrawal period?		Y						
5. If yes, what treatment(s)?	Formalin, Pyceze							
Only smolt								
If other, detail: tank 7								
6. Are medicines stored appropriately?		Y						
Diagonwity Doggrada								
Biosecurity Records		V						
Biosecurity records available for inspection? Has the mapper and frequency of mortality removal, records.	rding and cafe disposal boon considered?	1						
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 pres								
is detected been included and <i>how</i> and <i>when</i> that will be no	·	Y						
5. Has the health status of aquaculture animals being stocke		Ÿ						
health status, certification if required)?	ed on the farm site been covered (equal or higher							
Trouble Status, serumouter in requireay.								
6. Have the husbandry and biosecurity measures implement	ted between each epidemiological unit to minimise	Y						
transmission of disease been covered (movement of staff, v	•							
7. Is documentation available regarding the measures in pla		Y						
aquaculture animals held on site?	' '							
8. Have the biosecurity procedures been adequately implem	ented on site?	Y						
If no, detail:								
Results of Surveillance								
1. Has any animal health surveillance been carried out by, o	r on behalf of, the business?	Y						
2. If yes, are results available for inspection?		Y						
3. Any significant results?		N						
If yes, detail (if not detailed under recent disease problems).								
	105/00/0000 05/44/0004							
Records checked between:	25/02/2020 - 25/11/2021							

	ii 055, version 15			_					ueu by. i				
	Case no:	2021-0	808	Site No:		FS0226			Date of v		25/1	1/2021	25/
	Priority samples:	VI		ВА		PA		MG		y. HI			
	Time sampling starts/ends:	09:3	0:00	11:3	0:00	1	Inspecto	or:			VMD No). [44
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
Н	Fish nos	1-18	19-36	37-59	60-77	78-93	04 112	113-130					
Н	Pool Group	1-10	19-30	31-38	00-11	70-93	34-112	113-130	,				
Н	Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL					
	Average weight	40g			40g	40g	40g	40g					
	Sex	N/A		N/A		N/A		N/A					
	Water Type	FW	FW	FW	FW	FW	FW	FW					
tock Details		Kindrum	Kindrum	Kindrum	6 Kindrum	Kindrum	Kindrum	6 Kindrum					
S	racility NO	1	3	4	0	1	ğ	9					

11/2021 Additional Sample Information:													
	Fish killed with TMS.												
	Tank 7 in withdrawal for Bronopol and Formalin.												
0	0 Total Tests assigned 0												

FHI 059, Version 13 Issued by: FHI					Date o	t issue	: 12/05/2020
Case Number:	2021-0508		Site No:	FS0226	I	Insp:	
Date of Visit	25/11/2021		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	5
with GB) of susceptible species		novements on from equivalent zone or notuding third country	0	9	18	26	0
	Number of sup		0			14	5
Movements off	Frequency of n	novements off	1 0	3	6	10	10
	Number of des		0		6	10	6
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or	•	0				0
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing ow	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	4					
	Processing fish	n from Category III farm	8				
	Processing fish	n from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	1			0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	i			0
·	Feeding unpas	•	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1				
CoGP/Regulator				_			
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0	1			0
	No		2]			
					Total Rank		26 HIGH

Case No:	2021-0508		Site No:	FS0226	
Sea Lice Inspection (Seawater Sites Only)				
•	nced sea lice problems in the previo	ous 4 vears?			
·	lanagement Area (or equivalent) fal	•	a single y	ear class basis?	
	ccess to a range of licenced in-feed	•			
azamethiphos and ema	amectin benzoate) as well as acces in a reasonable period of time?		· · · · · · · · · · · · · · · · · · ·	•	es, and
4. Is there a signed doo Management Area (or e	cumented farm management agreer equivalent)?	ment or statement releva	int to the si	ite and CoGP Farm	
5. Are sea lice count re	cords available for inspection? (Leg	gal SSI, CoGP Annex 6)			
6. Do records adequate	ely reflect the required standard spe	cified in the SSI and the	CoGP? (L	egal SSI, CoGP Anne	(6)
7. Are sea lice (<i>L. salm</i> records are inspected?	onis) record levels below the sugger (CoGP Annex 6)	ested criteria for treatme	nt in the Co	oGP during the period	that
	female sea lice (<i>L. salmonis</i>) numbe 0/6/19) during the period that record		el of 3 or a	above (prior to w/b 10/	5/19) or
If yes, have these been	reported to the Fish Health Inspect	torate? If no, FHI see co	mment.		
9. Is C. elongatus infes	station at a level which is considered	d to cause significant we	lfare proble	ems? (CoGP 4.3.81, 5	3.50)
	eatments been administered or other				
11. Has any other actio	on been taken (where applicable)?				
12. Have therapeutic tr	eatments or the actions taken had a	a significant impact upon	the lice le	vels recorded?	
13. Are treatments, who	ere conducted, carried out in coope	ration between participat	ting farms?	?	
14. Is there a harvestin sea lice?	g strategy for the site, where fewer	populations or part popu	llations are	held without treatmen	t for
	ific written lice management proced scalation of a sea lice infestation?	ure with waypoints desc	ribing set a	actions to deal with rec	ognised
16. Do the sea lice leve	els observed on stocks reflect sea lic	ce count data? If no plea	se detail r	easons.	
					_
Containment Inspecti	on				
1. Has the site experier	nced equipment damage due to pre-	dators in the current or p	revious pr	oduction cycles?	N
2. Are measures in place	ce to mitigate against the predation	experienced on site? (D	etail below	')	Υ
Site indoors,					
screens, filters.					
If other, detail below:					
Contracted pest control	l company.				
3. Have escape incide	nts or events been experienced on	or in the vicinity of the si	te since the	e last FHI inspection?	N
If Yes proceed with que	estions 4 – 9. If No skip to question	10			
4. Have these been rep	ported to Scottish Ministers?				
5. Have these been rep	oorted to local DSFB forthwith (wher	re they exist)? (CoGP -	4.4.37, 5.4	l.17)	
6. Have these been rep	oorted to the SSPO and local fisheri	es trusts forthwith (where	e they exis	t)? (CoGP - 4.4.37, 5.4	4.17)
7. Were methods (if an	y) used to recover escapees? If yes	s give detail			
(11 411	,,	J			
	oyed was this action agreed with loc	cal wild fish interests and	l was perm	ission given by Scottis	h
Ministers? (Legal, CoG	P – 4.4.38, 5.4.18) en to prevent and minimise the risk	of further escapes? (No	t covered in	n code but could	
			covered II	ir code but could	
	r satisfactory measures of the Ac d as satisfactory with regards to con		detail rese	on(s)	V
To. 13 the site inspected	a do Salisiaciory with regards to con	itaminent: ii iio, piease (uetali Teasi	on(3)	l'

Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

Case No:	2021-0508	J		Date of visit:	25/11/2021	J		
Site No:	FS0226	1		Inspector:				
		1						
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
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	+							
	+							
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, VMD	29/11/2021							
	+							
	+							
	+							
	+							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0119Date of Visit25/11/2021Site NoFS0226Site NameInchmore

Case No 20210508 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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 with respect to section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory.

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

Signed: Date: 29/11/2021
Fish Health Inspector

FHI 059, Version 13			Issue	ed by: FHI		Date of issue: 12	/05/2020
Case No: 2	021-0519					Date of visit: 17/11/20	21
Time spent on site:	20	mins		1	Main Inspecto	r:	
	SS0252 SB0165	Site Name: Business Nam	e:	Barmore(North Loch Fyne Seaf	• /		=
Case Types: 1	PSI 2	3		4	5	6	
Water Temp (°C):		Thermometer I	No:			FHI 045 completed	
Observations:		Region:	ST	Water type	: S	CoGP MA:	
Dead/weak/abnormaclinical signs of dise Gross pathology observations Diagnostic samples	ease observed' served?	•		If yes, see	additional infor	mation/clinical score shee mation/clinical score shee mation/clinical score shee	t.
UNI/REG only - if ur	nable to carry o	out intended visi	t detail reas	on below:			

Boat broken down at time of the inspection. Hoping to get the boat up and running again by the end of the year.

Site has not been visited by a member of staff since the end of summer 2021, due to boat issues.

The business is currently conducting a reshuffle with staff and the way the business operates. They are thinking about inactivating the shellfish sites due to a current staff shortage. The business contact has been reminded that if they do plan on inactivating or deregistering the site we (the FHI) must be notified.

Only natural queen scallop spat grown on the site. Have not dealt with pacific oysters in many years.

The company do have depuration facilities but these are based off site in the Tarbert industrial estate.

The site has reportedly received large amounts of spat fall in previous years.

Most shellfish moved to processing plant and sold frozen in half a shell

FHI 059, Version 13	issued by: FHI			Date	or issue: 12
Case Number:	2021-0519 Site No:	SS025	2		
Date of Visit	17/11/2021 Inspector:				
Number of Susceptil	ole species on site				
	ies present = <u>LOW</u> risk				
If susceptible species	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	0
	Susceptible to OsHV (CGI)		0	3	0
Sites within a tidal e	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal excursion	0	2	10	0
Live shellfish moven	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	
	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	
	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	
	Depuration of stock from sites outwith MSS management area	0	4	8	
Biosecurity	Number of sites	1	2 or 3	≥ 4	
Contacts with other	Sites operating from single shorebase	0	1	2	1
sites	Sites sharing staff and equipment	0	1	5	1
			Yes	No	
	Disinfection of equipment between sites, use of footbath	ns etc	0	2	2
			Total Risk		4

FHI 059, Version 13	Issued by	y: FHI	Date of issue: 12/05/2020
Case No: 2021-0519	Site No:	0252	
Date of case: 17/11/20	21	Inspector(s):	
Business/site contacts correct? (if no, upda	ate site summary shee	t)	Y
Site Details			
Total No facilities: ~50	_	No facilities s	stocked: ~50
Species AOP Age group 2018			
Age group 2018 No shellfish ~3,000			
Mean fish Wt 40g			
Next fallow date (site)	Jan-22	Next input date (site) No pla	ans
Date of last inspection: (ECI or PSI):	16/04/2019		
1. Any recent increased or atypical mortalit	ies? (last 4 weeks):		N
If yes, detail:			
e.g. site			
average, max per facility			
per racinty			
2. Any increased mortalities? (since last ins	spection)		N
If yes, detail:			
3. How are mortalities disposed of?			Other (detail)
If other detail: Incinerated off site			
4. And the analogue discourse are constant.			N
4. Are there any diseases on your site?			N
If yes, detail:			
5. Have you experienced predation on site	?		Υ
If yes, detail: Small number of starfish ob		using problems	
6. Has the site experienced increased or a	bnormal fouling?		N
If yes, detail:			
	" 0		N
7. Have you observed any invasive species	s on your site?		N
If yes, detail:			
8. Do you have an up to date BMP, and are	e there any issues?		N
If yes, detail:	Janoro driy loodoo:		
, 55, 4544			
9. What quantity of spat fall have you had i	n the last 12 months?	(mussel sites only):	
N/A			

Case No:	2021-0519			Date of visit	: 17/11/202	1					
Site No:	SS0252)		Inspector:							
Results Summary	Freq.			Da	Date of Notification						
	· ·	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
			_								
	<u> </u>										
Report Summary				7							
	Date	Insp	2 nd Insp								
Case Type PSI	18/11/2021										
	+										
	+										





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0165 Date of Visit 17/11/2021

SITE No SS0252 SITE NAME Barmore (North Bay)

Case No 20210519 **Inspector**

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

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

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

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

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

Signed: Date: 17/11/2021

Fish Health Inspector

FHI 059, Version 13	Iss	ued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0520			Date of visit: 18/11/2021
Time spent on site:	20 mins	Main Inspect	or:
Site No: SS0656 Business No: SB0476	Site Name: Business Name:	Camus An Fhiasgain Arisaig Mussels	
Case Types: 1 PSI	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA:
Dead/weak/abnormally behavir Clinical signs of disease observ 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 car	ry out intended visit detail re	ason below:	

Less fouling in this site than others under the same business due to flow through on site. This also reportedly reducing the number of predators (notably starfish) on site.

Business currently facing a backlog of harvestable product due to the reduced market for mussels due to COVID pandemic. Manager has now installed spat collectors earlier then ever before (around March) as he believes this is when the majority of spat now falls. He used to put collectors out in May.

FHI 059, Version 13	Issued by: FHI			Date	or issue: 12
Case Number:	2021-0520 Site No:	SS065	6		
Date of Visit	18/11/2021 Inspector:			l	
Number of Susceptil	ole species on site				
	ies present = <u>LOW</u> risk			V	
If susceptible species	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	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	2
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	
	Number of suppliers	U	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	
	Number of destinations	0	3	6	0
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent 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	
	Depuration of stock from sites outwith MSS management		4	0	
	area	0	4	8	
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 Risk		14

FHI 059, Version 13	Issued by:	FHI	Date of issue: 12/05/2020
Case No: 2021-0520	Site No: SS06	556	
Date of case: 18/1:	1/2021	Inspector(s):	
Business/site contacts correct? (if no, u	update site summary sheet)		Y
Site Details			
Total No facilities:	3	No facilities	s stocked: 3
Species MED MED Age group 2021	MED 2020 2019		
No shellfish 1 tonne 10 tonne			
Mean fish Wt 1g 10g	20g		
Next fallow date (site) No plans		Next input date (site) Nex	t spat fall in March 2022
Date of last inspection: (ECI or PSI):	30/04/2019		
1. Any recent increased or atypical mor If yes, detail: e.g. site average, max per facility	talities? (last 4 weeks):		N
Any increased mortalities? (since last fixed properties) If yes, detail:	t inspection)		N
How are mortalities disposed of? If other detail: Empty shells fall to seal	ped		Other (detail)
4. Are there any diseases on your site? If yes, detail:			N
5. Have you experienced predation on s	site?		N
6. Has the site experienced increased of the state of the	or abnormal fouling?		N
7. Have you observed any invasive spe	cies on your site?		N
8. Do you have an up to date BMP, and	I are there any issues?		N
9. What quantity of spat fall have you h Good spat fall this year	ad in the last 12 months? (m	nussel sites only):	

Case No:	2021-0520			Date of visit:	18/11/2021			
Site No:	SS0656	1		Inspector:		ı		
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type PSI	Date	Insp	2 nd Insp					
PSI	18/11/2021							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0476 Date of Visit 18/11/2021

SITE No SS0656 SITE NAME Camus An Fhiasgain

Case No 20210520 INSPECTOR

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

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

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

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

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: 18/11/2021

FHI 059, Version 13	Issu	ied by: FHI	Date of issue: 12/05/2020
Case No: 2021-0521			Date of visit: 18/11/2021
Time spent on site:) mins	Main Inspect	or:
Site No: SS0746 Business No: SB0476	Site Name: Business Name:	Corr Eilean - Loch Beag Arisaig Mussels	
Case Types: 1 PSI 2	3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: SH	Water type: S	CoGP MA:
Dead/weak/abnormally behaving of Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional info	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail rea	ason below:	

Manager facing a backlog of harvestable stock. This is reportedly due to the reduced market caused by the COVID pandemic. Mussels from this site often returned onto other sites if growth becomes too dense.

If mussels stay on lines too long (over about 30 months) the shells get fouled by tube worms that cannot be removed. The previous year has also been a bad year for shells being fouled by barnacles, but these can usually be removed by a brush at harvest.

The site manager has reportedly observed more starfish this year compared with most years. Not reducing yield too much. Spat collecting droppers have been installed earlier recently compared with the past. Collectors have been installed in March more recently compared with May in previous years. Spat collection has been very good using this method.

FHI 059, Version 13	issued by: FHI			Date	or issue: 12
Case Number:	2021-0521 Site No:	SS074	6		
Date of Visit	18/11/2021 Inspector:			l	
Number of Susceptil	ole species on site				
	ies present = <u>LOW</u> risk			V	
If susceptible species	present, score for each pathogen		No	Yes	_
	Susceptible to Bonamia ostrea (OED)		0	25	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	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	2
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	
	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	
	Number of destinations	0	3	6	0
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent 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	
	Depuration of stock from sites outwith MSS management		4	0	
	area	0	4	8	
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 Risk		14

FHI 059, Version 13	Issued by	: FHI	Date of issue: 12/05/2020
Case No: 2021-0521	Site No: SS0	0746	
Date of case: 18	/11/2021	Inspector(s):	
Business/site contacts correct? (if no	, update site summary sheet)	Y
Site Details			
Total No facilities:	2	No facilities	stocked: 2
Species MED MED Age group 2021	MED 2020 2019		
3 9 1	onnes 15-20 tonnes		
Mean fish Wt 1g 10g	20g		
Next fallow date (site) no pla		Next input date (site)	Mar-22
Date of last inspection: (ECI or PSI):	30/04/2019		
1. Any recent increased or atypical multiple states of the	ortalities? (last 4 weeks):		N
per facility			
2. Any increased mortalities? (since If yes, detail:	ast inspection)		N
3. How are mortalities disposed of?			Other (detail)
If other detail: Empty shells fall to se	abed		
4. Are there any diseases on your sit	e?		N
If yes, detail:			
5. Have you experienced predation of			Y
If yes, detail: Some predation caus	ed by starfish, but not causin	g too much damage	
6. Has the site experienced increase	d or abnormal fouling?		Υ
If yes, detail: Increased amount of	fouling due to barnacles in la	st year	
7. Have you observed any invasive s	pecies on your site?		N
If yes, detail:			
8. Do you have an up to date BMP, a	nd are there any issues?		N
9. What quantity of spat fall have you	had in the last 12 months? (mussel sites only):	
Very good			

Case No:	2021-0521]		Date of visi	t: 18/11/202	21		
Site No:	SS0746)		Inspecto	r:			
Results Summary	Freq.			D	ate of Notific	cation		
	i i	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
			_					
	_							
Report Summary								
	Date	Insp	2 nd Insp					
Case Type PSI	18/11/2021		2 1115P					
_								
	+							
	+							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0476 Date of Visit 18/11/2021

SITE NO SS0746 SITE NAME Corr Eilean - Loch Beag

Case No 20210521 Inspector

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

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

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

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

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

Signed: Date: 18/11/2021

Fish Health Inspector

FHI 059, Version 13	Issu	ed by: FHI	Date of issue: 12/05/2020			
Case No: 2021-0522			Date of visit: 18/11/2021			
Time spent on site:	15 mins	Main Inspect	or:			
Site No: SS0915 Business No: SB0546	Site Name: Business Name:	Brakkatun Beach I.B.A Fishing Ltd				
Case Types: 1 PSI	2 3	4 5	6			
Water Temp (°C):	Thermometer No:		FHI 045 completed			
Observations:	Region: SH	Water type: S	CoGP MA:			
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet.						
UNI/REG only - if unable to carr	y out intended visit detail rea	ason below:				

Periwinkles held in oyster bags that are held inside metal tanks on the foreshore

Periwinkles picked from local beaches and deposited in bags

Shellfish are graded before being sold to distributers. Some go to England, Scotland and Spain. All sold for the table, not for ongrowing.

Very good year for spat in 2021

Manager has observed more starfish than usual this year. They predate upon the periwinkles.

The manager may fallow the site soon to clear the fouling and silt deposited in the tanks. He will begin restocking soon after in Spring 2022

FHI 059, Version 13	issued by: FHI			Date	or issue: 12
Case Number:	2021-0522 Site No:	SS091	5		
Date of Visit	18/11/2021 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	
	Susceptible to OsHV (CGI)		0	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	0
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	
	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	
	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	
	Depuration of stock from sites outwith MSS management area	0	4	8	
Biosecurity	Number of sites	1	2 or 3	≥ 4	
Contacts with other	Sites operating from single shorebase	0	1	2	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	0
			Total		0
			Risk		

FHI 059, Version 13	Issue	d by: FHI	Date of issue: 12/05/2020
Case No: 2021-0522	Site No:	SS0915	
Date of case: 18/1	1/2021	Inspector(s):	
Business/site contacts correct? (if no,	update site summary sh	neet)	Y
Site Details			<u></u>
Total No facilities: Species PEE	3	No facilit	ies stocked: 3
Age group mixed			
No shellfish 100,000			
Mean fish Wt 15g			
Next fallow date (site) Early 20	022 maybe?	Next input date (site) S	oring 2022
Date of last inspection: (ECI or PSI):	25/03/2019		
1. Any recent increased or atypical mo	rtalities? (last 4 weeks)		N
If yes, detail:			
e.g. site			
average, max per facility			
portacinty			
2. Any increased mortalities? (since las	st inspection)		N
If yes, detail:			
			04 (14.3)
3. How are mortalities disposed of? If other detail: No mortalities			Other (detail)
nother detail.			
4. Are there any diseases on your site?	?		N
If yes, detail:			
5. Have you experienced predation on If yes, detail: Starfish are a issue wh		an and get too hig to escape thro	Y Y
otanish are a issue wit	en they get stuck in a b	ag and get too big to escape time	ugiriilesii
6. Has the site experienced increased	or abnormal fouling?		N
If yes, detail:	Ţ		
7. Have you observed any invasive spe	ecies on your site?		N
If yes, detail:			
8. Do you have an up to date BMP, an	d are there any issues?		N
If yes, detail:	a are more any locate.		ı.
·			
9. What quantity of spat fall have you h	nad in the last 12 month	s? (mussel sites only):	
N/A			

Case No:	2021-0522			Date of vi	sit: 18/11/2	021		
Site No:	SS0915	7						
Site No.	330913	_		Inspect	ior:	_		
Results Summary	Freq.			In:	Date of Noti	fication		
		Database	e Insp	Phone	Insp	Writing	Insp	2 nd
	+	1						
	+							
		1						
	+							
		1						
Report Summary								
Case Type PSI	Date 18/11/2021	Insp	2 nd Insp					
P31	16/11/2021	-						
	+							
	_							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0546 Date of Visit 18/11/2021
Site No SS0915 Site Name Brakkatun Beach
Case No 20210522 Inspector

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

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

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

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

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

Signed: Date: 18/11/2021

Fish Health Inspector

FHI 059, Version 13	Is	sued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0532			Date of visit: 23/11/2021
Time spent on site:) mins	Main Ins	pector:
Site No: SS0233 Business No: SB0155	Site Name: Business Name:	Site 1 (north) Loch Eishort Mussel Cen	tre
Case Types: 1 PSI 2	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 observed Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail	reason below:	

This year's spat is the best the site manager has seen it in 15 years

Lower salinity on site reportedly reduces any fouling

Depuration facility on a floating pier adjacent to the site. No effluent treatment

Water is category A at time of inspection (no need to depurate)

Majority of stock is sent to Scottish Shellfish Marketing Group (SSMG) for distribution and/or processing

1 1 11 000, VC131011 10	133dCd by. 1 1 II			Date	or issue.
Case Number:	2021-0532 Site No:	SS023	3		
Date of Visit	23/11/2021 Inspector:			1	
Number of Susceptil	ble species on site			_	
-	ies present = LOW risk				
• •	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	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	0
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	
	Number of suppliers	0	5	10	
Movements off				· · · · · · · · · · · · · · · · · · ·	
wovernents of	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	
	Number of destinations	0	3	6	
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	2
	Depuration of stock from other businesses sites within MSS management area	0	2	6	
	Depuration of stock from sites outwith MSS management area	0	4	8	
Biosecurity	Number of sites	1	2 or 3	≥ 4	
Contacts with other	Sites operating from single shorebase	0	1	2	0
sites	Sites sharing staff and equipment	0	1	5	0
			Yes	No	_
	Disinfection of equipment between sites, use of footbath	s etc	0	2	0
			Total Risk		5

FHI 059, Version 13	Issued by:	: FHI	Date of issue: 12/05/2020
Case No: 2021-0532	Site No: SS0	233	
Date of case: 23	/11/2021	Inspector(s):	
Business/site contacts correct? (if no	, update site summary sheet)		Y
Site Details			
Total No facilities:	12	No facili	ties stocked: 11
Species MED MED	MED		
Age group 2021 No shellfish 3 longlines 4 long	2020 2019 Ilines 4 longlines		
Mean fish Wt 0.5g 5g	20g		
Next fallow date (site) No pla		Next input date (site) J	un-July 2022
Date of last inspection: (ECI or PSI):	18/02/2019		
Any recent increased or atypical m	ortalities? (last 4 weeks):		N
If yes, detail:	(last i irosito).		
e.g. site			
average, max			
per facility			
2. Any increased mortalities? (since l	ast inspection)		N
If yes, detail:			
3. How are mortalities disposed of?			Other (detail)
If other detail: No mortality			
4. Are there any diseases on your sit	e?		N
If yes, detail:			
5. Have you experienced predation o	n site?		N
If yes, detail:			
6. Has the site experienced increase	d or abnormal fouling?		N
If yes, detail:			
7. Have you observed any invasive s	pecies on your site?		N
If yes, detail:	,		
8. Do you have an up to date BMP, a	and are there any issues?		N
If yes, detail:			
9. What quantity of spat fall have you	had in the last 12 months? (mussel sites only):	
Very good			

Case No:	2021-0532			Date of visit:	23/11/2021			
Site No:	SS0233							
,		Inspector:						
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary]				
Case Type	Date	Insp	2 nd Insp					
PSI	23/11/2021							





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0155
 Date of Visit
 23/11/2021

 Site No
 SS0233
 Site Name
 Site 1 (north)

 Case No
 20210532
 Inspector

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

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

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

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

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

Signed: Date: 23/11/2021

Fish Health Inspector