FHI 059, Version 13	ls	ssued by: FHI	Date of issue: 12/05/2020			
Case No: 2021-0390			Date of visit: 19/10/2021			
Time spent on site:	hrs	Main Inspe	ector:			
Site No: FS0737 Business No: FB0169	Site Name: Business Name:	Loch Huamavat The Scottish Salmon Comp	pany			
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6			
Water Temp (°C): 11.2	Thermometer No:	T152	FHI 045 completed			
Observations:	Region: WI	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 information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N				
UNI/REG only - if unable to carry	out intended visit detail	reason below:				

Fish came on from Barvas Hatchery (FS0076) on 21st August 21. Stock originated from Langass Hatchery (FS0643).

Site will begin vaccinating fish with PD1 and Alphaject micro 6 w/b 08/11.

Mortalities are ensiled at the shorebase. The ensiled material is stored in sealed IBC's before being collected by Ferguson and transferred to the Scottish Water Horizons Bioresources Centre in Cumbernauld.

Mortality since input has been very low across the site, with 0.08% attributed to birds and 0.17% attributed to fungal infection.

Fish have received two treatments of Aquasen and Cress since input (first treatment 26-27th August, second treatment on 6th September) in response to fungus.

Fish will be moved off site in Spring 2022 by Solway to Eughlam (FS1233).

Fish were very difficult to observe due to the dark peaty water combined with very dull weather. Fish were crowded to collect individuals for VMD facilitating observation of the stock. Fish that were observed appeared in good health and were very active, demonstrating a strong escape response.

Fish collected for VMD appeared healthy.

FHI 059, Version 1	13		Issu	Date of issue: 12/05/2020				
Case No:	2021-0390	0	Site No:	FS0737	7			
Date of Visit:		19/10/202	1		Inspector(s	s):		
Registration/Autl	horisation D	etails						
1. Business/site de			site represent	ative?			Υ	7
2. Changes made	to details?						N]
Site Details (inclu	ude cleaner i	fish for all sec	tions)					
Total No facilities	ado Giodiioi	8	Facilities sto	ocked	7	No faciliti	es inspected	8
Species	SAL						T .	
Age group	22S1							
No Fish	268,931							1
Mean Fish Wt	42.7g							
Next Fallow Date		March 22	_	Next Input Da	ate (Site)	August 2	2	
Recent (last 4 wks	s) disease pro	oblems?		, N	Any escape	es (since las		N
If yes, detail:						·		
 Movement reco Date of last insp Are records cor Are movement Are records cor Are records cor Are health certification Transport Record Are any movem If yes, is there a sy 	pection: enplete and correcords avail- enplete and corrected ficates for interested the corrected posterior in places and corrected posterior	orrectly entered able for dead fi orrectly entered roductions (out	l? sh and waste ^r l? with GB) avail ehalf) of the b	able? usiness (not us			04/12/2019	Y Y Y N/A
Mortality Record 1. Mortality record		r inspection?						
2. How are mortal		•			Ensiled - o	n site		
If other detail:	niec diopeces				Enoned 6	11 010		
3. Mortality record	s complete a	nd correctly en	tered?					T
4. Recent mortalit	•	•		oss the site over	or the last 1	week period	(0.04%)	
5. Evidence of rec	,			USS THE SITE OV	er trie last 4	week period	(0.04 /6).	N
If yes, facility nos/		* *		u/reason:				
ii yes, facility flos/	no mortality p	er racility/110 St	ock per racility	y/16a5011.				
6. Any other peaks	s in mortality	during period o	hecked?					N
If yes, detail:								
7. Have increased		d) mortalities b	een reported t	to vet or FHI?				N/A
If yes, detail action								
8. Have 'mortality	events' been	reported to FH	II? If no, enter	details on mor	tality events	sheet.		N/A

Treetments and Medicines December	
Treatments and Medicines Records 1. Recent treatments (see comment)?	V
	'
If yes, detail: Aquasen Cress If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)? Aquasen Cress	'
If other, detail:	
6. Are medicines stored appropriately?	Y
o. Are medicines stored appropriately:	
Biosecurity Records	
Biosecurity records available for inspection?	V
Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Ÿ
health status, certification if required)?	
Trouble Status, Softmouton in roquitou).	
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:	·
n no, actail.	
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).	
ii yos, actair (ii not actailea ander recent disease problems).	
	1

FHI 059, Version 13	Issued by: FHI			Date of	of issue	: 12/05/2020	
Case Number:	2021-0390		Site No:	FS0737		Insp:	
Date of Visit	19/10/2021		No of m	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	ovements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		ovements on from equivalent zone or	0	0	4.0	26	
Species	compartment in Number of supp	cluding third country	0		18 10	26 14	0
Movements off	Frequency of m Number of dest		0		6	10	3
Exposure via water	ramber or desi	Site contacts			6-10		<u> </u>
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through					
susceptible to same diseases)	Farm is on-line	or in a coastal zone with category I	1	2	4		1
,	Farm is on-line	or in a coastal zone with category III	1	3	6		
	Farm is on-line	or in a coastal zone with category V	1	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	1			
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	from zone or compartment of	4				
	Processing fish	from Category III farm	8	Ì			
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	Ιο	Ī			
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	T 0	1			0
, , , , , , , , , , , , , , , , , , ,	Feeding unpast	· ·	5				
Biosecurity		Number of sites	· 1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing st	aff and equipment	0	1	2		1
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator	T			1			
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total Rank		12 LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2
Case No: 2021-0390	Site No:	FS0737
Sea Lice Inspection (Seawater Sites Only	v)	
Has the site experienced sea lice probler		
	equivalent) fallowed synchronously on a single	vear class basis?
	icenced in-feed and bath sea lice medications (in	
	s well as access to suitable biological and/or me	
4. Is there a signed documented farm mana Management Area (or equivalent)?	agement agreement or statement relevant to the	site and CoGP Farm
5. Are sea lice count records available for in	nspection? (Legal SSI, CoGP Annex 6)	
6. Do records adequately reflect the require	d standard specified in the SSI and the CoGP? ((Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels be records are inspected? (CoGP Annex 6)	pelow the suggested criteria for treatment in the C	CoGP during the period that
8. Have average adult female sea lice (<i>L. 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
If yes, have these been reported to the Fish	Health Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level which	ch is considered to cause significant welfare prob	olems? (CoGP 4.3.81, 5.3.50)
	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	e applicable)?	
12. Have therapeutic treatments or the action	ons taken had a significant impact upon the lice I	evels recorded?
13. Are treatments, where conducted, carrie	ed out in cooperation between participating farms	6?
14. Is there a harvesting strategy for the site sea lice?	e, where fewer populations or part populations ar	re held without treatment for
15. Is there a site specific written lice managed scenarios during the escalation of a sea lice	gement procedure with waypoints describing set e infestation?	actions to deal with recognised
16. Do the sea lice levels observed on stock	ks reflect sea lice count data? If no please detail	reasons.
Containment Inquestion		
Containment Inspection 1. Has the site experienced equipment dam	nage due to predators in the current or previous p	production cycles?
	t the predation experienced on site? (Detail belo	
Top nets	t the production experienced on site. (Botain bole	,
If other, detail below:		
2. Have assent incidents or avents been a	xperienced on or in the vicinity of the site since t	ho last EUL inspection?
If Yes proceed with questions 4 – 9. If No sl		he last FHI inspection?
4. Have these been reported to Scottish Mir	nisters?	
5. Have these been reported to local DSFB	forthwith (where they exist)? (CoGP $-4.4.37$, 5	.4.17)
6. Have these been reported to the SSPO a	and local fisheries trusts forthwith (where they exi	ist)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover es	scapees? If yes give detail	
8. If gill nets were deployed was this action.	agreed with local wild fish interests and was peri	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 10. Is the site inspected as satisfactory with	regards to containment? If no, please detail rea	son(s) Y

Date of issue: 12/05/2020

	1111 000, VEISIOII 10					133ded by. I Til							
	Case no:	2021-03	390	Site No:		FS0737			Date of		19/1	0/2021	19/ <i>°</i>
	Priority samples:	VI		ВА		PA		MG	Samplin	g: HI			
	Time sampling starts/ends:	15:3	80:00	16:3	0:00		Inspecto	or:			VMD No.	. [15
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Γotal Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	F1-20	F21-40	F41-60	F61-75								
	Pool Group												
	Species	SAL	SAL	SAL	SAL								
	Average weight	42.7g	42.7g	42.7g	42.7g								
	Sex	N/A	N/A	N/A	N/A								
	Water Type	FW	FW	FW	FW								
		≥	≥	≥	≥								
		Hatchery	l å	Hatchery	;he								
		latc	atc	latc	latc								
siis		3) H S	3 H	s H	s H								
Details		as: 64:	as: 64:	as: 64:	as: 64:								
		_angass (FS0643)	Langass Hatchery (FS0643)	Langass H (FS0643)	Langass Hatchery (FS0643)								
Stock	Stock Origin)								
S	Facility No	1	2	3	8								

10/2021	10/2021 Additional Sample Information:													
	Humanely dispatched by TMS overdose.													
0	0 Total Tests assigned 0													

Site No: FS0737

Case No: 2021-0390

Nature of non-compliance:

Action taken (FHI):

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

		_						
Case No:	2021-0390]		Date of visi	it: 19/10/20	021		
Site No:	FS0737	7		Inspecto	r.			
Site No.	1 30/3/	J		irispecio	'·			
Results Summary	Freq.			D	ate of Noti	fication		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	+							
			_		_		_	
	_		_		_			
	+							
Donort Cummon		_		7				
Report Summary Case Type	Date	Insp	2 nd Insp					
ECI, CNI, VMD	27/10/2021	шър	2 insp					
201, 0111, 11112	2171072021							
	1							
	+							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0169Date of Visit19/10/2021Site NoFS0737Site NameLoch HuamavatCase No20210390Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

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: 27/10/2021

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: 2021-0396			Date of visit: 13/10/2021
Time spent on site:	.5h	Main Inspe	ector:
Site No: FS0102	Site Name:	Moffat Water	
Business No: FB0067	Business Name:	Selcoth Fisheries Ltd	
Case Types: 1 ECI	2 CNI 3	4 5	6
Water Temp (°C): 11.7	Thermometer No:	T205	FHI 045 completed
Observations:	Region: DG	Water type: F	CoGP MA
Dead/weak/abnormally behaving	fish present?		nformation/clinical score sheet.
Clinical signs of disease observe	d?		nformation/clinical score sheet.
Gross pathology observed?		N If yes, see additional in	nformation/clinical score sheet.
Diagnostic samples taken?		IN .	
UNI/REG only - if unable to carry	out intended visit detai	I reason below:	

Facilities in place: 1 hatchery (2 comp hatches), 11 ponds, 10 indoor tanks. At the time of visit the 2 comp hatches were stocked, indoor tanks were empty awaiting transfer from the comp hatches. Outdoor ponds were stocked.

Paperwork completed remotely by on 06/10/21. Site visit by 13/10/21, accompanied by

In the comp hatch observed a few individuals where the tail has not developed properly, leading to them just swimming in circles. This does not rectify itself as they grow and these individuls are removed by staff as they are observed. In the outside ponds fish appeared to be healthy, displaying feeding response as the ponds are approached. Fish appeared to be in good condition. Company had new filter installed last year to reduce instances of eye fluke.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	e: 12/05/20)20
Case No:	2021-0396]	Site No:	FS0102]				
Date of Visit:		13/10/2021	<u> </u>		Inspector(s):			1	
Registration/Autho	risation Deta	ails							
1. Business/site deta	ails summary	checked by s	site representa	ative?			Υ	1	
2. Changes made to							N	1	
Site Details (includ	le cleaner fis	h for all sect	tions)						
		21 +1	1		11 + 1	1		21+1	
Total No facilities		hatchery	Facilities sto	cked	hatchery	No facilitie	s inspected	hatchery	
Species	RTR	RTR							
Age group	2020	2021							
No Fish	220,000	1,108,453							
Mean Fish Wt	147g	37g							
Next Fallow Date (S	ite)	none		Next Input Da	ite (Site)	November	2021		
Recent (last 4 wks)	disease probl	ems?		Y	Any escapes	(since last)	visit)?		N
If yes, detail:	RTFS								
 Date of last inspe Are records comp Are movement re Are records comp Are records comp Are health certific Transport Records Are any movement yes, is there a syst Mortality Records	olete and corre cords availab olete and corre ates for introd to ints carried ou	le for dead fis ectly entered? ductions (outv	sh and waste? ? with GB) availa chalf) of the bu	able? usiness (not usi	•		18/11/2020		Y J/A J/A Y Y
1. Mortality records	available for i	nspection?							Y
2. How are mortalities	es disposed o	f?			Incinerated -	on site			
If other detail:									
3. Mortality records	complete and	correctly ent	ered?						Y
4. Recent mortality (last 4 wks):		Comp Hatch	n: approximatel	y 2,500 failed	eggs for this	s batch; rema	aining site	
5. Evidence of recer	nt increased/a	typical morta	lities?						Y
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:					
RTFS 2021/wk36 12					h 6-7g)				
6. Any other peaks i	n mortality du	ring period ch	necked?						Y
, ,				21/wk32 (7.090 criteria for rep					
If yes, detail:	has resolved	l issue.							
7. Have increased (t	unexplained)	mortalities be	en reported to	vet or FHI?					Y
If yes, detail action:		vet inspection	on and treatme	ent					
8. Have 'mortality ev	ents' been re	ported to FHI	? If no. enter	details on mort	ality events sh	neet.		N	I/A

Treatments and Me	edicines Records		
1. Recent treatments	s (see comment)?		Y
If yes, detail:			
If other, detail:	Florfenicol		
2. Medicines records	available for inspection?		Y
3. Are records comp	lete and correctly entered?		Y
4. Are fish in a withd	tail: Florfenicol se records available for inspection? rds complete and correctly entered? in a withdrawal period? hat treatment(s)? tail: Florfenicol icines stored appropriately? y Records ity records available for inspection? manner and frequency of mortality removal, recording and safe disposal been considered? manner and period in which the APB will notify Scottish Ministers or veterinary professional of any (unexplained) mortality at the site been included? manner and period in which the APB will notify Scottish Ministers or veterinary professional of any (unexplained) mortality at the site been included? manner and period in which the APB will notify Scottish Ministers or veterinary professional of any (unexplained) mortality at the site been included? manner and period in which the APB will notify Scottish Ministers or veterinary professional of any (unexplained) mortality at the site been included? manner and period in which the APB will notify Scottish Ministers or veterinary professional of any (unexplained) mortality at the site been included? manner and period in which the APB will notify Scottish Ministers or veterinary professional of any (unexplained) mortality at the site been included? manner and period in which the APB will notify Scottish Ministers or veterinary professional of any (unexplained) mortality at the site been included? manner and period in which the APB will notify Scottish Ministers or veterinary professional of any (unexplained) mortality at the site been considered? manner and period in which the APB will notify Scottish Ministers or veterinary professional of any (unexplained) mortality at the site been considered? manner and period in which the APB will notify Scottish Ministers or veterinary professional desponsable or included? manner and period in which the APB will notify Scottish Ministers or veterinary professional desponsable or veterinary professional desponsable or veterinary professional desponsable or veterinary professional desponsable or veterinary profession	Y	
5. If yes, what treatn	nent(s)?		
If other, detail:	tail: Florfenicol icines stored appropriately? y Records rity records available for inspection? manner and frequency of mortality removal, recording and safe disposal been considered? manner and period in which the APB will notify Scottish Ministers or veterinary professional of any (unexplained) mortality at the site been included? action that will be taken in the event that the presence or suspicion of the presence of a listed disease been included and how and when that will be notified to Scottish Ministers? health status of aquaculture animals being stocked on the farm site been covered (equal or higher us, certification if required)? he husbandry and biosecurity measures implemented between each epidemiological unit to minimise on of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)? he hentation available regarding the measures in place to maintain the physical containment of a animals held on site? biosecurity procedures been adequately implemented on site?		
6. Are medicines sto	red appropriately?		Y
Biosecurity Record			
	•		Y
			Y
	•	• • • • • • • • • • • • • • • • • • • •	
	· · · · · · · · · · · · · · · · · · ·		Y
	·	·	
			Y
		ed on the farm site been covered (equal or higher	Y
health status, certific	ation if required)?		
			V
			T
		ce to maintain the physical containment of	Ť
•			
	ity procedures been adequately implement	ented on site?	T
If no, detail:			
Results of Surveilla	ance		
		on hehalf of the husiness?	Y
•	•	on benan of, the business:	·
	•		·
•		RTES	
Florfenicol treatmen		KITO	
	- 1 1	18/11/2020 - 06/10/21	

FHI 059, Version 13		Issued by: FHI			Date of	Date of issue: 12/05/2		
Case Number:	2021-0396		Site No:	FS0102		Insp:		
Date of Visit	13/10/2021		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	9	18	26	18	
	Number of supp	ocluding third country	0			14	5	
Movements off	Frequency of m		I 0			10	10	
Movements on	Number of dest		0		6	10	3	
Exposure via water		Site contacts	5 0	1-5	6-10			
Water contacts with other farms (holding species	disinfection or b	,	0					
susceptible to same diseases)	farms upstream	or in a coastal zone with category I n 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 n or within 1 tidal excursion	1	4	8			
Management practices			None	Secure	Unsecure			
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0	
On farm processing within the rules of the directive	No on farm pro	•	0				0	
	Processing own	n fish (re-cycling risk)	1					
	Processing fish	from MS of equivalent status	2					
	Processing fish equivalent statu	from zone or compartment of us	4					
	Processing fish	from Category III farm	8					
	Processing fish	from Category 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	1			3	
	Collection point	t for waste from other farms	5					
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	i			0	
	Feeding unpast	teurised feed	5					
Biosecurity		Number of sites	1	2 or 3	≥ 4			
Contacts with other sites	Sites operating	from single shorebase	0	1	2		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 Rank		42 HIGH	

Case No: Site No: FS0102	
Sea Lice Inspection (Seawater Sites Only)	
1. Has the site experienced sea lice problems in the previous 4 years?	
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?	
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin,	
azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?	
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?	
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)	
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	
7. Are sea lice (<i>L. salmonis</i>) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)	
8. Have average adult female sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) during the period that records are inspected?	
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.	
9. Is <i>C. elongatus</i> infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	
10. Have therapeutic treatments been administered or other actions taken when <i>L. salmonis levels</i> have exceeded the suggested criteria for treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	
11. Has any other action been taken (where applicable)?	
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?	
13. Are treatments, where conducted, carried out in cooperation between participating farms?	
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?	
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?	
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.	
Containment Inspection	
	N
2. Are measures in place to mitigate against the predation experienced on site? (Detail below)	Υ
If other datail below	
If other, detail below: tanks inside, outside ponds bird netting top and sides, electric fence	
Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?	N
If Yes proceed with questions 4 – 9. If No skip to question 10	IN .
4. Have these been reported to Scottish Ministers?	
5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	
6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	
o. Have these been reported to the son or and local hisheries trasts for thinkin (where they exist): (coor = 4.4.57, 5.4.17)	
7. Were methods (if any) used to recover escapees? If yes give detail	
8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	
9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could	
be considered under satisfactory measures of the Act)	
10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)	Υ

Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

Case No:	2021-0396			Date of visit:	13/10/2021			
Site No:	FS0102			lu au a atau				
Sile IVO.	F30102			Inspector:				
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp		Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI, CNI	19/10/2021							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0067 Date of Visit 13/10/2021
Site No FS0102 Site Name Moffat Water
Case No 20210396 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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



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: 2021-0399			Date of visit: 14/10/2021
Time spent on site:	2 hrs	Main Inspecto	or:
Site No: FS0258 Business No: FB0127	Site Name: Business Name:	Abbey St Bathans Trout Farm Abbey St Bathans Trout Farm	
Case Types: 1 ECI	2 CNI 3	4 5	6
Water Temp (°C): 10.4	Thermometer No:	T148	FHI 045 completed
Observations:	Region: BO	Water type: F	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional infor	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit deta	il reason below:	

No treatments since last inspection so no records to check. No lethargic or moribund fish observed. Some displaying minor damage to the tail fin from nipping by other fish but all behaving as expected. 1 fish removed for VMD sampling. Showed no clinical signs of disease externally or internally when examined.

FHI 059, Version	13		Issu	ied by: FHI			Date of issu	ue: 12/05/2020
Case No:	2021-0399		Site No:	FS0258	В			
Date of Visit:		14/10/202	1		Inspector(s)):		
Registration/Aut	horisation De	tails						
1. Business/site d			site representa	ative?			Y	7
2. Changes made	to details?						N]
Site Details (incl	ude cleaner fi	sh for all sec	tions)					
Total No facilities		19	Facilities sto	ocked	19	No faciliti	es inspected	19
Species	RTR							
Age group	Mix							
No Fish	~117,000							
Mean Fish Wt	85g - 650g							
Next Fallow Date		never fallow	'	Next Input Da	ate (Site)	March 20)22	
Recent (last 4 wk	s) disease prol	olems?		N	Any escape	s (since las	t visit)?	N
If yes, detail:						·	·	•
Movement Reco	rde							
1. Movement reco		or inspection?						Y
2. Date of last ins		or mapeonom:					16/01/2020	<u> </u>
3. Are records co		rectly entered	2				10/01/2020	Y
4. Are movement	•	•)				Ÿ
5. Are records co								Ÿ
6. Are health certi	•	•		able?				N/A
Transport Recor	de							
1. Are any moven		ut by (or on be	shalf) of the hi	isingse (not iis	ing a STR\2			
If yes, is there a s					-			Y
Mortality Doore	la.							
Mortality Record 1. Mortality record		inepaction?						
2. How are morta		•			Ensiled - or	cito		'
If other detail:	illes disposed	OI :			Litsiled - Oi	i Sile		
3. Mortality record	le complete an	d correctly on	torod?					
4. Recent mortality	•	d correctly em		entire site for	Contombor 3	0021		
 Kecent mortality Evidence of red 		atypical morta		entire site for	September 2	1021		I N
If yes, facility nos/		• •		droscon:				
ir yes, racility 1105/	no mortality pe	i racility/110 St	ook per racilly	ricasoii.				
6. Any other peak	s in mortality d	uring period c	hecked?					N
If yes, detail:								N1/A
7. Have increased	•	mortalities be	een reported to	o vet or FHI?				N/A
If yes, detail actio		apported to EU	IO If no anter	dotoilo an marm	tolitu o roota	ab a a t		N/A
8. Have 'mortality	evenus been r	eponed to FH	re ii no, enter	details on mon	ianty events s	sneet.		IN/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	N
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	N/A
Biosecurity Records	<u></u>
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been co	nsidered? Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary pr	ofessional 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 presen	ce 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 covere	d (equal or higher Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiologic	
transmission of disease been covered (movement of staff, visitors, equipment, live or dead	· · · · · · · · · · · · · · · · · · ·
7. Is documentation available regarding the measures in place to maintain the physical cont	ainment of Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Υ
If no, detail:	
Deculte of Compalliones	
Results of Surveillance	N
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	IN .
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: 16/01/2020 - 07/10/2021	

Priority samples:	Г	HI 059, Version 13							188	sued by:	гпі			
Priority samples: VI BA PA MG HI Time sampling starts/ends: 13:30:00 13:45:00 Inspector: VMD No. 1 Environmental conditions: 1 Cloudy 2 3 4 5 Summary samples HIST BA MG VI PA Total Samples Add Fish/Pools - click Pool/Fish No Pool Group Poo		Case no:	2021-03	399	Site No:		FS0258					14/	10/2021	14/
Summary samples HIST BA MG VI PA Total Samples Add Fish/Pools - click Pool/Fish No		Priority samples:	VI		ВА		PA		MG					
Pool/Fish No		· -	13:3	0:00	13:4	5:00	1	Inspecto	or:			VMD No). [1
Pool/Fish No		Environmental conditions:	1	Cloudy	2		3		4		5			
Pool/Fish No		Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
Fish nos	Δ	add Fish/Pools - click												
Pool Group Species Average weight Sex N/A Water Type FW		Pool/Fish No												
Species RTR Average weight 0.2500 Sex N/A Water Type FW		Fish nos	1											
Average weight 0.2500 Sex N/A Water Type FW		Pool Group												
Sex N/A Water Type FW		Species	RTR											
Sex N/A Water Type FW		Average weight	0.2500											
Details		Sex												
		Water Type	FW											
			Φ Brownell											

10/2021	Addition	nal Sam	ple Infoi	mation:							
0	1	Total Te	ests ass	igned	0	1					
				·							

FHI 059, Version 13		Issued by: FHI			Date	of issue	: 12/05/2020
Case Number:	2021-0399		Site No:	FS0258		Insp:	
Date of Visit	14/10/2021		No of m	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	10	26	0
	Number of sup	ncluding third country	0		18 10	26 14	0
Mayamanta off	Frequency of m		0		6	10	0
Movements off	Number of des		0		6	10	0
Exposure via water	1.10.1.00.01.000	Site contacts	. 0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or I	red (secure water supply through porehole)	0				
susceptible to same diseases)	farms upstream	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 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				
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	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
ooo or arreading a root of	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 between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				
code of practice	No		3				3
Platform access to cages	Yes		0				0
	No		2				
					Total Rank		6 LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0399	Site No:	FS0258
Sea Lice Inspection (Seawater Sites Only)		
1. Has the site experienced sea lice problems	in the previous 4 years?	
	quivalent) fallowed synchronously on a single y	year class basis?
	enced in-feed and bath sea lice medications (in well as access to suitable biological and/or med	
4. Is there a signed documented farm manage Management Area (or equivalent)?	ement agreement or statement relevant to the s	site and CoGP Farm
5. Are sea lice count records available for insp	pection? (Legal SSI, CoGP Annex 6)	
6. Do records adequately reflect the required	standard specified in the SSI and the CoGP? (L	Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels bel records are inspected? (CoGP Annex 6)	ow the suggested criteria for treatment in the C	coGP during the period that
8. Have average adult female sea lice (L. salr	monis) numbers per fish been at a level of 3 or	above (prior to w/b 10/6/19) or
If yes, have these been reported to the Fish H	lealth Inspectorate? If no, FHI see comment.	
_	is considered to cause significant welfare probl	
	stered or other actions taken when <i>L. salmonis</i> elongatus is considered to have welfare implicated to have welfare implicated.	
11. Has any other action been taken (where a	ipplicable)?	
12. Have therapeutic treatments or the actions	s taken had a significant impact upon the lice le	evels recorded?
13. Are treatments, where conducted, carried	out in cooperation between participating farms'	?
14. Is there a harvesting strategy for the site,	where fewer populations or part populations are	e held without treatment for
15. Is there a site specific written lice manage	ement procedure with waypoints describing set a	actions to deal with recognised
16. Do the sea lice levels observed on stocks	reflect sea lice count data? If no please detail r	reasons.
Containment Inspection		
•	ge due to predators in the current or previous pr	roduction cycles?
	he predation experienced on site? (Detail below	
Electric Fence, Bird netting over entire site		.,
If other, detail below:	c, buriding to contain any nood water	
3. Have escape incidents or events been exp	perienced on or in the vicinity of the site since th	ne last FHI inspection?
If Yes proceed with questions $4 - 9$. If No skip	•	
4. Have these been reported to Scottish Minis		
·	orthwith (where they exist)? (CoGP $-4.4.37$, 5.4	
Have these been reported to the SSPO and	d local fisheries trusts forthwith (where they exis	st)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover esca	apees? If yes give detail	
8. If gill nets were deployed was this action ag Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	greed with local wild fish interests and was perm	nission given by Scottish
9. What action was taken to prevent and minim	mise the risk of further escapes? (Not covered i	in code but could
be considered under satisfactory measur		
10. Is the site inspected as satisfactory with re	egards to containment? If no, please detail reas	son(s) Y

Case No: Date of visit: 14/10/2021	2 nd Ins
Results Summary Freq. Date of Notification	2 nd Ins
Results Summary Freq. Database Insp Phone Insp Writing Insp Insp	2 nd Ins
Results Summary Preq. Date of Notification	2 nd Ins
	2 1115
Report Summary	
Case Type Date Insp 2 nd Insp	
ECI, CNI 20/10/2021	





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0127 Date of Visit 14/10/2021

SITE No FS0258 SITE NAME Abbey St Bathans Trout Farm

Case No 20210399 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.

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

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

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

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: 20/10/2021
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	I	ssued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0400			Date of visit: 14/10/2021
Time spent on site:	0.75 hrs	Main Inspecto	r:
Site No: FS1241 Business No: FB0544	Site Name: Business Name:	Lothian Scotland	
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: LO	Water type: B	CoGP MA:
Dead/weak/abnormally behavin Clinical signs of disease observ 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 carr	ry out intended visit detail	reason below:	

Follow up inspection of a private koi pond after confirmation of KHV on location in August 2020 (see case 2020-0322). Since initial KHV confirmation, 1 further koi has been lost and was kept frozen at the owners premises prior to collection for autoclaving at the Marine Laboratory and incineration. There is only 1 remaining koi on site with no movement on or off of site from August 2020.

				_							
Case No:	2021-0400	J		Date of vis	sit: 14/10/20	J21					
Site No:	FS1241	1		Inspect	or:						
Results Summary	Freq.	Database	. Inan		Date of Noti		laan	- nd -			
		Database	e Insp	Phone	Insp	Writing	Insp	2 nd Insp			
	_										
	+										
	+										
	+										
	+										
Report Summary											
Case Type	Date	Insp	2 nd Insp								
REG	21/10/2021										
	+										





SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0544 DATE OF VISIT 14/10/2021 SITE NO FS1241 SITE NAME Lothian

Case No 20210400 Inspector

A private koi pond in Edinburgh was visited as a follow on from case 2020-0322. There has been only one further mortality since the initial investigation, this was subsequently frozen and collected during the inspection for safe disposal. It was confirmed that there has been no movements into or out of the pond since the last inspection.

One koi carp remains on site therefore movement restrictions will remain in place.

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

Signed: Date: 22/10/2021
Fish Health Inspector

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

FHI 059, Version 13	1	Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2021-0401			Date of visit: 12/10/2021			
Time spent on site:	hr	Main Insp	pector:			
Site No: FS1090 Business No: FB0418	Site Name: Business Name:	University of Edinburgh Fi Edinburgh University	ish Facility			
Case Types: 1 ECI 2	2 CNI 3	4 5	6			
Water Temp (°C): 28	Thermometer No:	Site	FHI 045 completed			
Observations:	Region: LO	Water type: F	CoGP MA			
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N N N N N N N N N N N N N						
UNI/REG only - if unable to carry out intended visit detail reason below:						

Remote inspection conducted on 8th October by Site inspection conducted on 12th October by accompanied by

Water coming from main water supply and is filtered before going into the recirculation systems. Each of the 5 rooms has its own recirculation system for added biosecurity. Effluent water flows into domestic sewer. Fish brought onto site go into quarantine room and are monitored. Once spawned, ova are collected and all fish are screened for pathogens before ova are released into the 3 main research rooms. 5th room acts separately to the 4 other rooms with no fish going between this room and the others.

An electronic system is currently being developed for easier recording of fish coming on and going off site as well as mortality records.

Site not holding susceptible species so deemed low risk.

Site thermometer used for biosecurity purposes.

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issue	e: 12/05/2020
Case No:	2021-0401		Site No:	FS1090]			
Date of Visit:		12/10/2021]		Inspector(s):			l
Registration/Autho	risation Deta	ails						
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		3500	Facilities sto	cked	1513	No facilitie	es inspected	3500
Species	Zebrafish							
Age group	Mix							
No Fish	~42000							
Mean Fish Wt	0.88g							
Next Fallow Date (S	•	never fallow		Next Input Da		unsure		
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
 Are movement re Are records comp Are health certific Transport Records Are any movement 	elete and corre ates for introd ints carried ou	ectly entered? luctions (outw	? vith GB) availa half) of the bu	able? usiness (not usi	_			Y Y N/A
If yes, is there a sys	tem in place f	or maintenan	ce of transpo	rtation records?	?			
Mortality Records								
1. Mortality records		•						Y
2. How are mortalitie	es disposed o	f?			Incinerated -	on site		
If other detail:								
3. Mortality records		correctly ent						Y
4. Recent mortality (whole site from	11/09 - 11/10	0/2021		
5. Evidence of recer								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?					N
If yes, detail:	Timortanty ad	ing period of	iconcu.					
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	ality events sl	neet.		N/A
,			,		,			

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Treatments and Medicines Decords		
Treatments and Medicines Records		
1. Recent treatments (see comment)?		N
If yes, detail:		
If other details		

Treatments and medicines records		
Recent treatments (see comment)?		N
If yes, detail:		
If other, detail:		
Medicines records available for inspection?		N/A
Are records complete and correctly entered?		
4. Are fish in a withdrawal period?		N
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records 1. Biosecurity records available for inspection? 2. Has the manner and frequency of mortality removal, reco	ording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify S		
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 how and when that will be no	·	Y
5. Has the health status of aquaculture animals being stock		Y
health status, certification if required)?	ou on the runn one book covered (equal or ringine)	
6. Have the husbandry and biosecurity measures implement ransmission of disease been covered (movement of staff, v		Y
7. Is documentation available regarding the measures in pla		Y
aquaculture animals held on site?	, , , , , , , , , , , , , , , , , , ,	
8. Have the biosecurity procedures been adequately implem	nented on site?	Y
If no, detail:		
Results of Surveillance		
1. Has any animal health surveillance been carried out by, o	or on behalf of, the business?	Y
2. If yes, are results available for inspection?		Y
3. Any significant results?		N
If yes, detail (if not detailed under recent disease problems)		
Records checked between:	14/03/2018 - 08/10/2021	

FHI 059, Version 13		Issued by: FHI			Date	of issue	: 12/05/2020
Case Number:	2021-0401		Site No:	FS1090		Insp:	
Date of Visit	12/10/2021		No of me	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 including third country	0	9	18	26	0
·	Number of sup		0		10	14	0
Movements off	Frequency of m	novements off	I 0	3	6	10	3
more merite en	Number of desi		0		6	10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	•	0				0
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		
	farms upstream	or in a coastal zone with category III 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		0				0
	Processing own	n fish (re-cycling risk)	1				
		from MS of equivalent status	2				
	equivalent statu		4				
		from Category III farm	8				
	Processing fish	from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own wast	te only processed.	0				0
products	Common proce	esses with other farms	3				
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	ĺ			
	Feeding unpas	teurised feed	5				5
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing st	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0]			0
	No		2				
					Total Rank		11 LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-	0401 Site No: F	FS1090
Is the CoGP Farm Manager Does the site have access to azamethiphos and emamecting	a lice problems in the previous 4 years? nent Area (or equivalent) fallowed synchronously on a single year o a range of licenced in-feed and bath sea lice medications (inclubenzoate) as well as access to suitable biological and/or mechan	uding deltamethrin, anical control measures, and
4. Is there a signed documente Management Area (or equivale	ed farm management agreement or statement relevant to the site ent)?	and CoGP Farm
	vailable for inspection? (Legal SSI, CoGP Annex 6) ct the required standard specified in the SSI and the CoGP? (Leg	gal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) records are inspected? (CoGF	ecord levels below the suggested criteria for treatment in the CoG Annex 6)	GP during the period that
If yes, have these been reported 9. Is <i>C. elongatus</i> infestation at 10. Have therapeutic treatment suggested criteria for treatment 11. Has any other action been 12. Have therapeutic treatment 13. Are treatments, where continued in the suggested criteria for treatment 14. Is there a harvesting strate 15. Is there a site specific written.	sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or abed to the Fish Health Inspectorate? If no, FHI see comment. It a level which is considered to cause significant welfare problem to been administered or other actions taken when <i>L. salmonis level</i> to or where <i>C. elongatus</i> is considered to have welfare implication taken (where applicable)? Its or the actions taken had a significant impact upon the lice level ducted, carried out in cooperation between participating farms? It gives the site, where fewer populations or part populations are here lice management procedure with waypoints describing set actived on stocks reflect sea lice count data? If no please detail readers	ns? (CoGP 4.3.81, 5.3.50) vels have exceeded the ns? (CoGP 4.3.82, 5.3.51) els recorded? neld without treatment for tions to deal with recognised
· ·	uipment damage due to predators in the current or previous proc tigate against the predation experienced on site? (Detail below)	duction cycles? N Y
If Yes proceed with questions 4. Have these been reported to 5. Have these been reported to 6. Have these been reported to	o Scottish Ministers? o local DSFB forthwith (where they exist)? (CoGP - 4.4.37, 5.4.1 o the SSPO and local fisheries trusts forthwith (where they exist)?	17)
7. Were methods (if any) used	to recover escapees? If yes give detail	
Ministers? (Legal, CoGP – 4.4 9. What action was taken to pr	event and minimise the risk of further escapes? (Not covered in	
be considered under satisfa 10. Is the site inspected as sat	actory measures of the Act) isfactory with regards to containment? If no, please detail reason	n(s)

Case No:	2021-0401			Date of visit:	12/10/2021			
Site No:	FS1090	l		Inspector		ı		
Results Summary	Freq.			Da	ite of Notifica	tion		
Nesulis Sulfilliary	r req.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
						9	шор	2 11150
	1							
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI, CNI	20/10/2021							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0418 Date of Visit 12/10/2021

SITE NO FS1090 SITE NAME University of Edinburgh Fish Facility

Case No 20210401 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 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: 20/10/2021
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: 2021-0405			Date of visit: 13/10/2021		
Time spent on site:	hours	Main Inspecto	or:		
Site No: FS0473 Business No: FB0357	Site Name: Business Name:	Niall Bromage Freshwater Fie University of Stirling	ld Station		
Case Types: 1 ECI 2	CNI 3	55	6		
Water Temp (°C): 12	Thermometer No:	Site	FHI 045 completed		
Observations:	Region: CE	Water type: F	CoGP MA		
Dead/weak/abnormally behaving of Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N			
UNI/REG only - if unable to carry	out intended visit detail	reason below:			

Rainbow trout only held on site for stocking the reservoir to prevent introduction of disease from elsewhere.

3 movements on from 3 suppliers outwith UK within last 12 months.

Certs - ICE GJ 21/21, 2162A01572, ICE GJ 35/20 & INTRA.IE.2020.0001422 checked for imports from Iceland, USA and Republic of Ireland.

Due to biosecurity and covid risk assessments the ova/alevins were not inspected. All other fish on site inspected and in good condition.

Majority of mortality on site is at the ova hatchery stage. After that most tanks are 0 per day with only an occasional mortality.

FHI 059, Version 13	3		lss	sued by: FHI			Date of iss	sue: 12/05/2020
Case No:	2021-040	5	Site No:	FS047	3			
Date of Visit:		13/10/20	021		Inspector(s	s):		
Registration/Author	orisation D)etails						
1. Business/site det	tails summa	ary checked b	y site represer	ntative?			Y	
2. Changes made to	o details?						Υ	
Site Details (include	de cleaner	fish for all s	ections)					
Total No facilities		58	Facilities st	tocked	37	No facilitie	es inspected	57
Species	SAL	SAL	RTR					
Age group	2020	2021	2021					
No Fish	14,697	16,841	1,174					
Mean Fish Wt	90g	1g	8g					
Next Fallow Date (S	•	No plans		Next Input D		2022 - Ma		
Recent (last 4 wks)	disease pr	oblems?		N N	N Any escap	es (since last	visit)?	N
If yes, detail:								
Movement Record	ls							
1. Movement record	ds available	for inspectio	n?					Y
2. Date of last inspe							25/11/2019	9
3. Are records com	plete and c	orrectly enter	ed?					Y
4. Are movement re	ecords avail	lable for dead	I fish and waste	e?				Y
5. Are records com	plete and co	orrectly enter	ed?					Y
6. Are health certific	cates for int	roductions (o	utwith GB) ava	ailable?				Y
Transport Records	s							
1. Are any moveme		out by (or on	behalf) of the	business (not u	sing a STB)?	?		Y
If yes, is there a sys					-			Y
Mortality Records								
1. Mortality records		or inspection?	,					Y
2. How are mortaliti					Other (deta	ail)		
If other detail:			r incineration in	Pirmingham	Other (dot	all <i>j</i>		
3. Mortality records	complete a	and correctly	entered?	Diffilligitati.				Y
4. Recent mortality				ce start of Sept.	157 SAL sir	ace start of Se	ent (27 in Oc	
5. Evidence of rece	,	•		be start or copt.	107 GAL CII	ice start or co	pt (27 iii 00.	N
If yes, facility nos/no		• •		itv/reason:				
,			-	-9				
6. Any other peaks	in mortality	during period	checked?					Y
If yes, detail:	Nov/Dec 1	2020 (~1200)	and Dec 2019	9 (~6000) - both	dead egg or	failed hatch.		
7. Have increased (N/A
If yes, detail action:								
8. Have 'mortality e	vents' been	reported to F	-HI? If no, ente	er details on mo	rtality events	sheet.		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?	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	se		
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			
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?	Y		
If no, detail:			
Results of Surveillance			
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N		
2. If yes, are results available for inspection?			
3. Any significant results?			
If yes, detail (if not detailed under recent disease problems).			
Records checked between: 25/11/2019-13/10/2021			

FHI 059, Version 13		Issued by: FHI			Date o	of issue	: 12/05/2020
Case Number:	2021-0405		Site No:	FS0473		Insp:	
Date of Visit	13/10/2021		No of mo	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	g
SP 50.00	Number of sup	ncluding third country pliers	0			14	5
Movements off	Frequency of n		<u> </u>	3	6	10	3
Wovernerits on	Number of des		0		6	10	3
Exposure via water	•	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or I	ed (secure water supply through porehole)	0				
susceptible to same		or in a coastal zone with category I	1	2	1		1
diseases)		or within 1 tidal excursion or in a coastal zone with category III	'		4		•
	farms upstrean	n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V	1	4	8		
	rarms upstream	n or within 1 tidal excursion	<u>'</u>	<u> </u>			
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
the raise of the anconve	Processing ow	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
		from zone or compartment of	1				
	equivalent state Processing fish	us i from Category III farm	8				
		from Category V farm	10				
Disposal of fish and fish by-	Sita's own was	te only processed	<u> </u>]]			
products		esses with other farms	0				2
		t for waste from other farms	3 5				3
	<u> </u>]			
Use of unpasteurised feeds	No feeding of u	•	0				0
Piececurity	reeding unpas	Number of sites	5] 2 or 3	≥ 4		
Biosecurity Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
Contacto with other cites		taff and equipment	0		2		0
Disinfaction of a main manual			<u>_</u>	<u> </u>			
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		24
					Rank		MEDIUM

Case No:	2021-0405		Site No:	FS0473	
Sea Lice Inspection ((Seawater Sites Only)				
-	•	s in the previous 4 years?			
2. Is the CoGP Farm N	Management Area (or e	equivalent) fallowed synchronously o	n a single y	ear class basis?	
azamethiphos and em		cenced in-feed and bath sea lice med well as access to suitable biological period of time?	,		
4. Is there a signed do Management Area (or		gement agreement or statement relev	ant to the s	ite and CoGP Farm	
		spection? (Legal SSI, CoGP Annex 6) I standard specified in the SSI and the		Legal SSI, CoGP Annex 6)	
7. Are sea lice (<i>L. salr</i> records are inspected		elow the suggested criteria for treatme	ent in the C	oGP during the period that	
_	•	<i>Imonis</i>) numbers per fish been at a le iod that records are inspected?	evel of 3 or	above (prior to w/b 10/6/19) o	or
If yes, have these bee	n reported to the Fish I	Health Inspectorate? If no, FHI see co	omment.		
9. Is C. elongatus infe	estation at a level which	n is considered to cause significant w	elfare probl	ems? (CoGP 4.3.81, 5.3.50)	
		istered or other actions taken when <i>Lelongatus</i> is considered to have welf			
11. Has any other acti	on been taken (where a	applicable)?			
·		ns taken had a significant impact upo			
		d out in cooperation between participa	-		
sea lice?	ng strategy for the site,	, where fewer populations or part pop	ulations are	e held without treatment for	
		ement procedure with waypoints design of a sea lice infestation?	cribing set a	actions to deal with	
16. Do the sea lice lev	rels observed on stocks	s reflect sea lice count data? If no ple	ease detail r	easons.	
Containment Inspect	tion				
•		age due to predators in the current or	previous pr	oduction cycles?	N
	ace to mitigate against	the predation experienced on site? (I	Detail below	<i>ı</i>)	Υ
Site inside	Tank lid				
If other, detail below	:				
Have escape incide	ents or events been ex	perienced on or in the vicinity of the s	site since th	e last FHI inspection?	N
·	estions 4 – 9. If No ski	•		·	
4. Have these been re	ported to Scottish Minis	sters?			
5. Have these been re	ported to local DSFB fo	orthwith (where they exist)? (CoGP -	4.4.37, 5.4	1.17)	
6. Have these been re	ported to the SSPO an	nd local fisheries trusts forthwith (whe	re they exis	et)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if a	ny) used to recover esc	capees? If yes give detail			
8. If gill nets were dep Ministers? (Legal, Co0		greed with local wild fish interests an	d was perm	nission given by Scottish	
, -		imise the risk of further escapes? (No	ot covered i	n code but could	
	er satisfactory measu				
	•	regards to containment? If no, please	detail reas	on(s)	Υ

Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

Case No:	2021-0405			Date of visit:	13/10/2021]		
Site No:	FS0473	l		Inspector:				
Results Summary	Freq.			Do	te of Notifica	tion		
Results Sulfilliary	rieq.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
						9	0p	2 11150
	+							
	+							
	+							
	+							
Danast Courses								
Report Summary	Dete	Inon	and I					
Case Type ECI, CNI	Date 15/10/2021	Insp	2 nd Insp					
LOI, OIVI	13/10/2021							
	-							
	+							
	1							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0357 Date of Visit 13/10/2021

SITE No FS0473 SITE NAME Niall Bromage Freshwater Field Station

Case No 20210405 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 excluding the hatchery were inspected. The hatchery was not inspected due to biosecurity and Covid-19 risk assessments. 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 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: 14/10/2021
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	Is	sued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0407			Date of visit: 19/10/2021
Time spent on site:	30mins	Main Inspec	tor:
Site No: FS1001 Business No: FB0449	Site Name: Business Name:	Loch Leiniscal Meavag Fish Farming	
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: WI	Water type: F	CoGP MA:
Dead/weak/abnormally behavin 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 carr	•	eason below: Site fallow.	
		Site failow.	

Site has been fallow for several years and has not yet been used by the new owner. No movements have occurred on or off the site since the last inspection.

Owner intends to move fish from Maevag Hatchery into the loch sometime next year.

Site was inspected as fallow from the shore.

FHI 059, Version 13	;		Issu	ued by: FHI			Date of issue:	12/05/2020
Case No:	2021-0407]	Site No:	FS100	1			
Date of Visit:		19/10/202	1		Inspector(s)):		
Registration/Author	orisation Det	ails						
1. Business/site det			site represent	tative?			Υ	
2. Changes made to	o details?	·					N	
Site Details (includ	de cleaner fis	sh for all sec	tions)					
Total No facilities		4	Facilities st	ocked	0	No faciliti	es inspected 4	
Species								
Age group								
No Fish								
Mean Fish Wt								
Next Fallow Date (S	Site)	Currently fa	low.	Next Input D	ate (Site)	2022		
Recent (last 4 wks)	disease prob	lems?		N/	A Any escape	s (since last	t visit)?	N/A
If yes, detail:								
Movement Record	le							
Movement record		or inspection?						Y
2. Date of last inspe		n mopeodon:					01/08/2017	•
3. Are records com		ectly entered	?				01/00/2017	Y
4. Are movement re		•		2				N/A
5. Are records com				•				N/A
6. Are health certific				lable?			t	N/A
Transport Records								
1. Are any moveme		ıt by (or on be	half) of the h	usinoss (not u	sing a STR\2			
If yes, is there a sys		• `	*	,	· · · · · ·		ŀ	
Mortality Records							_	
Mortality records	available for i	nepoction?						N/A
2. How are mortaliti		•						14/71
If other detail:	es disposed d) :						
3. Mortality records	complete and	l correctly ent	ered?					N/A
4. Recent mortality	•	correctly ern	ereu:					14// (
 Kecent mortality Evidence of rece 	•	atypical morta	litios?					N/A
If yes, facility nos/no		• •		v/roason:			L	14/74
ir yes, racility 1105/110	Thortailly per	Tacility/110 St	ock per racility	y/16a5011.				
6. Any other peaks	in mortality du	uring period c	hecked?					N/A
If yes, detail: 7. Have increased (unevolained)	mortalities he	en reported t	to yet or EHI2				N/A
If yes, detail action:	unexplaineu)	mortanties be	ch reported t	to vet of fill?				1 1//
8. Have 'mortality e	vents' been re	ported to FH	l? If no, enter	details on mo	rtality events	sheet.		N/A

Treetments and Madiaines Decords	
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 considerable to the manner and frequency of mortality removal, recording and safe disposal been considerable.	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary profes	sional 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	f 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 (ed	ual or higher
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological un	nit to minimise
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish e	etc.)?
7. Is documentation available regarding the measures in place to maintain the physical containm	nent 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).	
y v v v v v v v v v v v v v v v v v v v	
Records checked between: 01/08/2017 - 12/10/2021	

Case No:	2021-0407			Date of visit:	19/10/2021]			
Site No:	FS1001]		Inspector:]			
Results Summary	Freq.		Date of Notification						
resource Summary	1 104.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
							-		
Report Summary				1					
Case Type	Date	Insp	2 nd Insp						
REG	29/10/2021		2 11100						
	1								





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0449
 Date of Visit
 19/10/2021

 Site No
 FS1001
 Site Name
 Loch Leiniscal

 Case No
 20210407
 Inspector

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009 to confirm that the site has not been used for several years and is currently not in use. Nets have been removed from the site, but the cage infrastructure remains as the site is intended to be stocked in Spring 2022.

Records

Signed:

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 movement records were inspected and appeared to be adequately maintained.

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

Fish Health Inspector

Date: 29/10/2021

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

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0408			Date of visit: 19/10/2021
Time spent on site:		Main Inspe	ctor:
Site No: FS0330 Business No: FB0449	Site Name: Business Name:	Loch Thobta Bridhein Meavag Fish Farming	
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: WI	Water type: F	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional in	formation/clinical score sheet. formation/clinical score sheet. formation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta		
		Site fallow.	

Site has been fallow since 2015 with no plan to use it again in the near future.

No movements have occurred on or off the site since the last inspection.

Site was inspected as fallow from the shore. Site to be inactivated.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	ıe: 12/05/	/2020
Case No:	2021-0408		Site No:	FS0330					
Date of Visit:		19/10/2021]		Inspector(s	3):			
Registration/Autho	risation Deta	nils							
1. Business/site deta			ite represent	ative?			Y	1	
2. Changes made to	details?						Υ	1	
Site Details (includ	e cleaner fis	h for all secti	ions)						
Total No facilities	0.000.	5	Facilities sto	cked	0	No faciliti	es inspected	5	
Species									
Age group									
No Fish									
Mean Fish Wt									
Next Fallow Date (S	ite)	Currently fall	OW.	Next Input Da	ate (Site)	No plans.		-	
Recent (last 4 wks)				•	_ ` ′	es (since last			N/A
If yes, detail:						,	,		
 Date of last inspe Are records comp Are movement re Are records comp Are records comp Are health certific Transport Records Are any movement yes, is there a sys 	olete and correctords availabelete and corrected attestion for introduction of the corrected output to	e for dead fis ectly entered? luctions (outwood) t by (or on be	h and waste? vith GB) avail half) of the bi	able? usiness (not us			01/08/2017		Y N/A N/A
Mortality Records									N/A
Mortality records : How are martalities.		•							IN/A
How are mortalitiesother detail:	es disposed o	1?							
	a manulata anad		dO						NI/A
3. Mortality records	•	correctly ente	erea?						N/A
4. Recent mortality (•	t!	iti a a O					_	NI/A
5. Evidence of recer		• •							N/A
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	//reason:					
6. Any other peaks i	n mortality du	ring period ch	ecked?						N/A
If yes, detail:									
7. Have increased (unexplained)	mortalities be	en reported t	o vet or FHI?					N/A
If yes, detail action:			0.16		. 17				N176
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	tality events	sneet.			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 a	iny
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 d	isease
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 hig	her
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minir	nise
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 01/08/2017 - 12/10/2021	

Case No:	2021-0408			Date of vis	sit: 19/10/20	021		
Site No:	FS0330]		Inspecto	or:			
Results Summary	Freq.			Г	Date of Notif	fication		
ixesuits Summary	r req.	Database	e Insp	Phone	Insp	Writing	Insp	2 nd I
	_					9	op	Z 1
		<u> </u>						
Report Summary								
Case Type	Date	Insp	2 nd Insp					
REG	29/10/2021							
	_							
	+							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0449 Date of Visit 19/10/2021

SITE NO FS0330 SITE NAME Loch Thobta Bridhein

CASE NO 20210408 INSPECTOR

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009 to determine that the site is no longer in use and is to be inactivated.

All the nets have been removed and the site has been inspected as fallow. All that remains is the cage infrastructure which is to be removed in the near future.

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 movement records were inspected and appeared to be adequately maintained.

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

Signed: Date: 29/10/2021

Fish Health Inspector

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

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0409			Date of visit: 19/10/2021
Time spent on site:	.5hrs	Main Inspe	ector:
Site No: FS0403 Business No: FB0449	Site Name: Business Name:	Meavag Hatchery Meavag Fish Farming	
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6
Water Temp (°C): 13.6	Thermometer No:	T152	FHI 045 completed
Observations:	Region: WI	Water type: F	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional in	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detai	l reason below:	

Current stock onsite were imported from Aquasearch in Denmark in 2019. Site manager reports that fish are performing well.

Mortality across the site since input on 14th March 2019 is 17.3% (with 8% attributed to failed ova). Mortalities are stored in sealed containers on site and transferred in the owners pick up truck to the CnES facility in Stornoway where the waste is ensiled. and transformed into biogas.

Site manager may source ova from Aquagen in Norway in the future due to movement restrictions in Denmark.

Fish were intended to be transferred to Loch Leiniscal (FS1001) in June this year, however due to very low water levels, the site could not be accessed as the owners boat was grounded. Fish are expected to now be moved between November 21 and February 22.

Fish appeared healthy. No moribunds or mortalities were observed in any of the tanks.

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

FHI 059, Version	13		Iss	ued by: FHI		D	Date of issue:	12/05/2020
Case No:	2021-040	9	Site No:	FS0403	3			
Date of Visit:		19/10/202	21		Inspector(s	s):		
Registration/Aut	horisation D	etails						
1. Business/site of			site represent	tative?		Ÿ	<u> </u>	
2. Changes made	e to details?					Y		
Site Details (incl	ude cleaner	fish for all se	ctions)					
Total No facilities		1	Facilities st	ocked	1	No facilities i	nspected 1	
Species	RTR							
Age group	2019							
No Fish	78,000							
Mean Fish Wt	25g							
Next Fallow Date	(Site)	Feb 22		Next Input Da	ate (Site)	Summer/Aut	umn 2022	
Recent (last 4 wk	s) disease pr	oblems?		N	Any escap	es (since last vis	sit)?	N
If yes, detail:								
Movement Reco	rde							
1. Movement reco		for inspection	?					Υ
2. Date of last ins		ror mopoditor.	•			2	27/03/2018	
3. Are records co	•	orrectly entere	d?				7,00,2010	Y
4. Are movement	•	•		?				Y
5. Are records co							<u> </u>	Y
6. Are health cert		•		lable?				Y
Transport Recor	ds:							
1. Are any moven		out by (or on b	pehalf) of the b	ousiness (not us	sing a STB)?	•		Y
If yes, is there a s		• •	*	,	· ·			Y
Mortality Pager	lo.							
Mortality Record 1. Mortality record		or inspection?						Y
2. How are morta					Other (deta	ail)	_	
If other detail:		ional informati	on		0 (0.0	<i>د</i>		
3. Mortality record								Υ
4. Recent mortali	•	•		s across the sit	e in the last	4 week period.	_	
5. Evidence of re	• • •					. wook ponoui		N
If yes, facility nos,		* *		y/reason:			_	
6. Any other peak	s in mortality	during period	checked?					N
If yes, detail: 7. Have increased	d (unexplaine	d) mortalities h	peen reported	to vet or FHI?				N/A
If yes, detail action	•		- I oportou					,, ,
8. Have 'mortality		reported to FI	H? If no, enter	details on mor	tality events	sheet.		N/A

Treatments and Medicines Records		
Recent treatments (see comment)?		N
If yes, detail:		
If other, detail:		
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)?		11
If other, detail:		
	-	V
6. Are medicines stored appropriately?		
Piocegurity Pooerdo		
Biosecurity Records		V
Biosecurity records available for inspection?	and acts dianocal bean considered?	Y
2. Has the manner and frequency of mortality removal, recording	·	'
3. Has the manner and period in which the APB will notify Scottis	n Ministers or Veterinary professional of any	V
increased (unexplained) mortality at the site been included?		T
4. Has the action that will be taken in the event that the presence		V
is detected been included and how and when that will be notified		ĭ
5. Has the health status of aquaculture animals being stocked on	the farm site been covered (equal or higher	Y
health status, certification if required)?		
		V
6. Have the husbandry and biosecurity measures implemented b	, •	T
transmission of disease been covered (movement of staff, visitor	· · · · · · · · · · · · · · · · · · ·	V
7. Is documentation available regarding the measures in place to	maintain the physical containment of	Y
aquaculture animals held on site?		V
8. Have the biosecurity procedures been adequately implemente	d on site?	Y
If no, detail:		
Results of Surveillance		
1. Has any animal health surveillance been carried out by, or on l	pehalf 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: 14/	03/2019 - 12/10/2021	

,			133ucu by. 1 Til							
2021-0	409 Site N	o: FS040)3			19/10/2021	19/ ⁻			
VI	В.	A P	А		HI					
09:0	00:00 09	:10:00	Inspector:		VMI	O No.	1			
onditions: 1	Indoors	2	3	4	5					
es HIST	В	A M	G	VI	PA	Total Sa	amples			
click										
4.5										
1-5										
FW										
Aquasearch,										
14										
	2021-0 VI 09:0 onditions: 1 es HIST click 1-5 RTR 25g N/A FW Pumark Pumark	2021-0409 Site N	2021-0409 Site No:	2021-0409 Site No:	2021-0409 Site No: FS0403 Date of Samplir	2021-0409 Site No: FS0403 Date of visit/ Sampling: VI	2021-0409 Site No:			

10/2021 Additional Sample Information: Humanely dispatched by percussive blow.														
0 Total Tests assigned 0														

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2021-0409		Site No:	FS0403		Insp:	
Date of Visit	19/10/2021		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	9	18	26	0
	Number of sup	ncluding third country	0		10	14	5
NA							2
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		1
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro		0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2	1			
	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 point	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	,]			0
ooo or ampaotoamooa roodo	Feeding unpas		5				, and the second
Biosecurity	<u> </u>	Number of sites	1	J 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total		21
					Rank		MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2
Case No: 2021-0409	Site No:	FS0403
Sea Lice Inspection (Seawater Sites Only	1	
Has the site experienced sea lice problem		
·	equivalent) fallowed synchronously on a single	year class basis?
3. Does the site have access to a range of li	cenced in-feed and bath sea lice medications (in swell as access to suitable biological and/or medications)	ncluding deltamethrin,
4. Is there a signed documented farm mana Management Area (or equivalent)?	gement agreement or statement relevant to the s	site and CoGP Farm
5. Are sea lice count records available for in	spection? (Legal SSI, CoGP Annex 6)	
6. Do records adequately reflect the required	d standard specified in the SSI and the CoGP? (I	Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels b records are inspected? (CoGP Annex 6)	elow the suggested criteria for treatment in the C	CoGP during the period that
8. Have average adult female sea lice (<i>L. sa</i> 2 or above (from w/b 10/6/19) during the per	almonis) numbers per fish been at a level of 3 or riod that records are inspected?	above (prior to w/b 10/6/19) or
•	Health Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level which	h is considered to cause significant welfare prob	lems? (CoGP 4.3.81, 5.3.50)
	nistered or other actions taken when <i>L. salmonis</i> elongatus is considered to have welfare implica	
11. Has any other action been taken (where		
	ons taken had a significant impact upon the lice le	
	d out in cooperation between participating farms	
sea lice?	e, where fewer populations or part populations are	e neid without treatment for
15. Is there a site specific written lice managescenarios during the escalation of a sea lice	gement procedure with waypoints describing set infestation?	actions to deal with recognised
16. Do the sea lice levels observed on stock	ss reflect sea lice count data? If no please detail	reasons.
Containment Inquestion		
Containment Inspection 1. Has the site experienced equipment dam.	age due to predators in the current or previous p	roduction cycles?
	the predation experienced on site? (Detail below	
Site indoors Rodent poison deplo		.,
If other, detail below:		
Have escape incidents or events been ex-	xperienced on or in the vicinity of the site since the	ne last FHI inspection?
If Yes proceed with questions 4 – 9. If No sk	•	
4. Have these been reported to Scottish Min		
5. Have these been reported to local DSFB	forthwith (where they exist)? (CoGP - 4.4.37, 5.	4.17)
6. Have these been reported to the SSPO a	nd local fisheries trusts forthwith (where they exis	st)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover es	scapees? If yes give detail	
	agreed with local wild fish interests and was pern	mission given by Scottish
Ministers? (Legal, CoGP – 4.4.38, 5.4.18) 9. What action was taken to prevent and ministers.	nimise the risk of further escapes? (Not covered	in code but could
be considered under satisfactory measurements		in oddo but dduid
•	regards to containment? If no, please detail reas	son(s)

Date of issue: 12/05/2020

Case No:	2021-0409			Date of visit:	19/10/2021					
Site No:	FS0403]		Inspector:						
Results Summary	Freq.		Date of Notification							
,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
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	+									
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	1									
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							-			
	† 									
Report Summary				1						
Case Type	Date	Insp	2 nd Insp							
ECI, CNI, VMD	27/10/2021		z irisp							
	↓									





SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No FB0449 **DATE OF VISIT** 19/10/2021

SITE NO FS0403 SITE NAME Meavag Hatchery

Case No 20210409 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.

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

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

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

Medicine records were inspected and found to be adequately maintained.

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:

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: 27/10/2021

FHI 059, Version 13		Issued by: FHI	Date o	of issue: 12/05/2020			
Case No: 2021-0410			Date of visit:	20/10/2021			
Time spent on site:	hr	Ma	in Inspector:				
Site No: SS0734 Business No: SB0468	Site Name: Business Name:	Site 1 Isle of Lewis Oyster	rs .				
Case Types: 1 ECI	2 3	4 5	6				
Water Temp (°C): 10.9	Thermometer No:	T152	FHI 045 comp	eleted			
Observations:	Region: WI	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 N							
UNI/REG only - if unable to carry out intended visit detail reason below:							

Additional Case Information:

Manager has reported good growth and survival in current stock.

Bags are turned at least once a month to prevent algal growth and reduce mortalities.

Site depurates own stock before sale to a local retailer in Stornoway for human consumption.

Manager conducts weekly toxin and E.coli testing and the Council visit the loch once a month to undertake environmental testing for classification of the water.

Oysters were clean and no gaping or empty shells were observed.

FHI 059, Version 1	3		Is	sued by: FHI			Date of issue	e: 12/05/2020
Case No:	2021-0410)	Site No:	SS073	34			
Date of Visit:		20/10/20	21		Inspector(s	s):		
Registration/Auth	orisation De	etails						
1. Business/site de			y site represei	ntative?			Υ	
2. Changes made	to details?						N	
Site Details (inclu	ıde cleaner f	ish for all se	ections)					
Total No facilities	ide oledilei i	25	Facilities s	stocked	20	No facilit	ies inspected	25
Species	CGI	CGI	CGI	CGI				
Age group	2017	2017	2020	2020				
No Fish	2,300	7,600	3,000	20,000				
Mean Fish Wt	70-100g	50-70g	20-50g	10-20g				
Next Fallow Date (No plan.		Next Input D	Date (Site)	2022		
Recent (last 4 wks) disease pro	blems?			N Any escap	es (since las	st visit)?	N
If yes, detail:						,	·	
 4. Are movement r 5. Are records com 6. Are health certif Transport Record 1. Are any movem If yes, is there a sy 	nplete and co icates for intr Is ents carried	orrectly enterered or control of the	ed? utwith GB) ava behalf) of the	ailable? business (not u	· · · · · · · · · · · · · · · · · · ·			N/A N/A N/A
Mortality Records	5							
1. Mortality records	s available fo	r inspection?			_			Y
How are mortali	tie <u>s disposed</u>	d of?			Domestic v	vaste - <25k	g	
If other detail:								
Mortality records	•	•	entered?					Y
Recent mortality	,			shells observed	d during the la	ıst 4 weeks.		
Evidence of rece		* *						N
If yes, facility nos/r	no mortality p	er facility/no	stock per facil	lity/reason:				
6. Any other peaks	in mortality	during pariod	chockod2					N
If yes, detail:	litinortality	during period	Checkeus					- 10
7. Have increased	(unexplained	d) mortalities	been reported	to vet or FHI?				N/A
If yes, detail action								
8. Have 'mortality of	events' been	reported to F	HI? If no, ente	er details on mo	rtality 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			
increased (unexplained) mortality at the site been included?	Y		
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease			
is detected been included and how and when that will be notified to Scottish Ministers?			
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y		
health status, certification if required)?			
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise			
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?			
7. Is documentation available regarding the measures in place to maintain the physical containment of	T		
aquaculture animals held on site?			
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	<u> </u>		
ii iio, detaii.			
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?	- 17		
3. Any significant results?			
If yes, detail (if not detailed under recent disease problems).			
in you, dottain (in not dottained whiteh robotic allocated problemo).			
Records checked between: 12/08/2014 - 19/10/2021			

FHI 059, Version 13	issued by: FHI			Date	of issue: 12
Case Number:	2021-0410 Site No:	SS073	4		
Date of Visit	20/10/2021 Inspector:				
Number of Susceptil	nle species on site	'			
_	ies present = <u>LOW</u> 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	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal excursion	0	2	10	0
Live shellfish mover	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	0
	Number of destinations	0	3	6	0
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	2
	Depuration of stock from other businesses sites within MSS management area	0	2	6	0
	Depuration of stock from sites outwith MSS management area	0	4	8	0
Biosecurity	Number of sites	1	2 or 3	≥ 4	
Contacts with other	Sites operating from single shorebase	0	1	2	0
sites	Sites sharing staff and equipment	0	1	5	0
			Yes	No	
	Disinfection of equipment between sites, use of footbath	ns etc	0	2	0
			Total		5

	Yes	No	
Disinfection of equipment between sites, use of footbaths etc	0	2	0
	Total		5
	Risk		LOW

Case No:	2021-0410			Date of visit:	20/10/2021			
Site No:	SS0734	1		Inspector:		_		
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
							-	
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	27/10/2021							





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0468
 Date of Visit
 19/10/2021

 Site No
 SS0734
 Site Name
 Site 1

 Case No
 20210410
 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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: 27/10/2021
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	Iss	ued by: FHI	Date of issue: 12/05/2020			
Case No: 2021-0411			Date of visit: 20/10/2021			
Time spent on site: 5hrs	3	Main Ir	espector:			
	Site Name: Business Name:	North Shore Mowi Scotland Ltd				
Case Types: 1 ECI 2 C	CNI 3 SLI	4 VMD 5 DIA	6			
Water Temp (°C): 12.7	Thermometer No:	T152	FHI 045 completed			
Observations:	Region: WI	Water type: S	CoGP MA: W-3			
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. Y If yes, see additional information/clinical score sheet. Y If yes, see additional information/clinical score sheet. Y If yes, see additional information/clinical score sheet. Y						
UNI/REG only - if unable to carry ou	ut intended visit detail re	ason below:				

Additional Case Information:

Fish on site were received from Loch Lochy and Glenfinnan. Stock originated from Inchmore and Loch Ailort.

234,028 Lumpfish taken on from Ocean Matters over 2 inputs in December 2020 and February 2021. 117,414 mortalities have occurred since input (49%). 63,668 wildcaught wrasse received on site in May, June, July and August 2021.

Mortalities and waste are stored in sealed bins on site until they are transferred to a common skip at the shorebase. The skip is collected by JD and taken to whiteshore cockles for landfill.

Average sea lice numbers increased in wk32 to 3.39 average adult female leps. The site responded with a Salmosan treatment which reduced the average count to 2.26 in the following week. The average number increased again in wk37 to 3.34 average adult females. A FW treatment was conducted that week, however the count increased the following week to 4.9. A thermolicer treatment was conducted but the average count the following week was still sitting at 4.38 average adult

In response to the challenges on site from sea lice and the poor clearance rate of conducted treatments, a partial harvest of the site has now been completed, leaving only 6/17 cages stocked.

A further thermolicer treatment has been scheduled to begin w/b 18/10/2021, combined with a peroxide treatment for AGD.

Site is conducting live haul harvests to Mallaig processing plant.

No moribunds were observed in the majority of the cages. Moribund fish were removed from cages 11 and 18 for diagnostic sampling. Cage 11 appeared to be the worst affected pen on the site, with 9 moribunds observed in this cage.

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

FHI 059, Version 13	3		Issu	ed by: FHI			Date of issu	e: 12/05/2020
Case No:	2021-0411		Site No:	FS1033	3			
Date of Visit:		20/10/20	21		Inspector(s):			1
Registration/Author	orisation De	tails						
1. Business/site det	tails summar	y checked b	y site representa	ative?		ſ	Υ	1
2. Changes made to	o details?					l	N	1
Site Details (includ	de cleaner fi	sh for all se	ections)					
Total No facilities		17	Facilities sto	cked	6	No facilities	inspected	17
Species	SAL	LUM	WRA					
Age group	2020 Q4	2020	Wildcaught					
No Fish	322,757	86,060	63,668					
Mean Fish Wt	4kg	100g	Mixed					
Next Fallow Date (S	Site)	Jan/Feb 2	22	Next Input Da	ate (Site)	Sep/Oct 22		
Recent (last 4 wks)	disease prol	blems?			Any escapes	(since last vi	isit)?	N
If yes, detail:	CMS, HSM	II, Yersinia, (CGD					
4. Are movement re 5. Are records com 6. Are health certific Transport Records 1. Are any movement If yes, is there a system	plete and corcates for intro s ents carried o stem in place	rrectly entered oductions (or out by (or on	ed? utwith GB) availa behalf) of the bu	able? usiness (not us				Y Y N/A
Mortality Records								
Mortality records		•						Y
2. How are mortaliti					Other (detail)			
If other detail:	Whiteshore		. 10					V
3. Mortality records		id correctly e						Y
4. Recent mortality	,	/		1 (0.47%), Wk	39: 1,409 (0.43	3%), Wk38: 1	5,926 (4.62)	%), Wk37:
5. Evidence of rece		• •						Ť
If yes, facility nos/no					1 50			
Wks 37 and 38 mo				combined with	n low DO.			
6. Any other peaks If yes, detail:				200() = !! = !!	ibto al to reservi			T T
7. Have increased (1.36%), wk31 (2.		ibuted to post-t	rearment.		N/A
If yes, detail action:	•) Inortalities	been reported to	Vector Fill?				IN//
8. Have 'mortality e		eported to F	HI2 If no enter	details on mor	tality events sh	neet		Y
or riate mortality c	TOTAL DOGITT	Sportou to I	, טוונטו	astans on moi	tainly overite of	.551.		

Treatments and Medicines Records	
1. Recent treatments (see comment)?	
If yes, detail: T.M.S.	
If other, detail:	
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)? T.M.S.	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
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).	
Report dated: 09/10/2021	
Records checked between: 25/02/2021 - 20/10/2021	

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2021-0411		Site No:	FS1033		Insp:	
Date of Visit	20/10/2021		No of m	ovements/s	supp./dest.		Score
Live fish movements			C	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	(5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	C	9	18	26	
	Number of sup	ocluding third country				14	0
Movements off	Frequency of m			3		10	10
wovernerits on	Number of dest					10	3
Exposure via water		Site contacts		<u> </u>			
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 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	(1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	C				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2	2			
	Processing fish equivalent statu	from zone or compartment of us	2				
	Processing fish	from Category III farm	8	3			
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	te only processed.	(
products	Common proce	esses with other farms	3	3			3
	Collection point	t for waste from other farms	5	5			
Use of unpasteurised feeds	No feeding of u	npasteurised feed		- 5]			0
	Feeding unpas	teurised feed	5	5			
Biosecurity	<u>'</u>	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	(1	2		1
	Sites sharing st	taff and equipment	C	1	2		1
Disinfection of equipment	Yes						0
between sites, use of footbaths etc	No		1	<u> </u>			
CoGP/Regulator				_			
Practices in accordance with regulator or industry	Yes		C				0
code of practice	No		3	3			
Platform access to cages	Yes			1			
alioini access to eages	No		2	<u>, </u>			0
	J.,*			J			
					Total Rank		20 MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0411	Site No:	FS1033
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems	in the previous 4 years?	Y
3. Does the site have access to a range of lice	uivalent) fallowed synchronously on a single ye nced in-feed and bath sea lice medications (incl rell as access to suitable biological and/or mech of time?	luding deltamethrin,
4. Is there a signed documented farm manage Management Area (or equivalent)?	ment agreement or statement relevant to the sit	te and CoGP Farm
5. Are sea lice count records available for insp6. Do records adequately reflect the required s	ection? (Legal SSI, CoGP Annex 6) standard specified in the SSI and the CoGP? (Le	egal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels belo records are inspected? (CoGP Annex 6)	ow the suggested criteria for treatment in the Co	GP during the period that N
3. Have average adult female sea lice (<i>L. salm</i> 2 or above (from w/b 10/6/19) during the period	nonis) numbers per fish been at a level of 3 or ald that records are inspected?	bove (prior to w/b 10/6/19) or Y
f yes, have these been reported to the Fish He 9. Is <i>C. elongatus</i> infestation at a level which is	ealth Inspectorate? If no, FHI see comment. s considered to cause significant welfare proble	ms? (CoGP 4.3.81, 5.3.50)
suggested criteria for treatment or where C. ele	tered or other actions taken when <i>L. salmonis leadingatus</i> is considered to have welfare implication	
· · · · · · · · · · · · · · · · · · ·	oplicable)? taken had a significant impact upon the lice levout in cooperation between participating farms?	
14. Is there a harvesting strategy for the site, we sea lice?	where fewer populations or part populations are	held without treatment for Y
15. Is there a site specific written lice manager scenarios during the escalation of a sea lice in	ment procedure with waypoints describing set acfestation?	ctions to deal with recognised Y
16. Do the sea lice levels observed on stocks r	reflect sea lice count data? If no please detail re	easons.
Containment Inspection		
2. Are measures in place to mitigate against th	e due to predators in the current or previous pro ne predation experienced on site? (Detail below)	
Seal pro nets and cop nets.		
f other, detail below:		
 Have escape incidents or events been experienced. Yes proceed with questions 4 – 9. If No skip Have these been reported to Scottish Minist 	·	e last FHI inspection?
5. Have these been reported to local DSFB for	thwith (where they exist)? (CoGP – 4.4.37, 5.4. local fisheries trusts forthwith (where they exist)	
7. Were methods (if any) used to recover esca	pees? If yes give detail	
3. If gill nets were deployed was this action ago Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	reed with local wild fish interests and was permi	ssion given by Scottish
· •	nise the risk of further escapes? (Not covered in	code but could
•	gards to containment? If no, please detail reaso	on(s) Y

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0411	Site No: FS1033	
Date of Visit: 20/10/2021	Inspector:	
Point of Compliance	ith in a farma man and an an	
 Is the farm under inspection located v N, no further questions require complete 		Y
ii iv, no tuttilei questions require comple	aion.	
-	Management Agreements and Statement eement or statement (FMAg/S) been prepare	
3. Is the current FMAg/S available for in		Y
4. Does the FMAg/S identify the relevan	t farm management area?	Y
5. Does the FMAg/S identify the fish farm	m site(s) to which it applies? commencement of the agreement or staten	nent?
7. Does the FMAg/S identify the date of	•	Y
Arrangements for Fish Health Manag		V.
8. Does the FMAg/S identify the minimu farm?	m health standards for the stocks to be intro	oduced to the area or
9. Does the FMAg/S identify the vaccina	ation requirements for stocks held in the area	
	es of fish which may be stocked into the area	
individual farm?	num stocking density of any pen on any farm	Till the area of the
12. Does the FMAg/S identify the arrang	gements for the storage and disposal of any	dead fish from any
Arrangements for The Management of 13. Does the EMAg/S identify arrangement	of Sea Lice ents for the sharing of data on sea lice num	here and treatments?
13. Does the Fiving/3 identity arrangem	ents for the sharing of data off sea lice fluing	bers and treatments:
14. Does the FMAg/S identify the availal of statement?	bility and the use of medicines on farms cov	vered by the agreement Y
15. Does the FMAg/S identify any requir lice on farms in the area or individual far	rements for the sensitivity testing of available rms?	
16. Does the FMAg/S identify the circumused on farms in the area or individual f	nstances under which biological controls and arms?	d cleaner fish are to be Y ns within the area? Y
	gements for synchronous treatments on farn	ns within the area?
Live Fish Movements		
18. Does the FMAg/S identify the circum area or farm?	nstances when live fish may be introduced o	
	gements for the movement of live fish on and	

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/20)20
Harvesting 20. Does the FMAg/S identify acceptable harvest pra	actices on farms in the area or inc	dividual farms?	
Fallowing 21. Does the FMAg/S identify the dates by which the date when a farm or area may be restocked? 22. Does the FMAg/S identify whether one or more y agreement or statement? 23. Does the FMAg/S identify whether broodstock or covered by the agreement or statement?	year classes may be stocked onto	o sites covered by the	
Point of Compliance for Farm Management Agre 24. Does the farm management agreement include a parties to the agreement?		ome, or cease to be, N/A	
Management and operation 25. Is the fish farm being managed and operated in a 26. What is the version no/date of issue of the FMAge		or statement?	

FHI 059, Version 13 Issued by: FHI Date of issue: 12/05/2020 Method of killing: Percussive Case no: FS1033 2021-0411 Site No: Inspector(s): Sheet Relevant: Y Date of visit: 20/10/2021 S for strong presence: M for medium presence: W for weak presence F3 Fish Number Time sampled after death (if > 45 minutes) 30mins 1hr 1.5hr 2hrs 2.5hrs External Signs S Behaviour Moribund Lethargic Hanging vertical Spiralling Flashing Loss of equilibrium Body Dark Distended abdomen Anorexic Scale Oedema Opercula Shortened Flared Haemorrhaging **Throat** Ventrum Base of fins Elsewhere Exophthalmic W Eyes Enophthalmic (sunken) Cataract Haemorrhagic М W Gills Zoned Necrotic Lesions Flank Elsewhere Vent Inflamed Trailing faeces Estimate numbers 9 14 17 16 20 Lice Load Internal Signs **Ascites** Clear **Bloody** Oedema In tissues Heart Pale/anaemic Granulomas Deformed Liver Petechial haem Gross haem Tissue breakdown М Enlarged Colour number(s) Granulomas Lesions Petechial haem Pyloric caeca Tubules mauve Lack of fat M Spleen M **Enlarged** Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem W Body wall Haemorrhaging Haemorrhaging Swim bladder Fluid filled Kidney Swollen

Grey
Granular
Liquefied
Parasites present

Anaemia

General

Case no: 2021-0411

Date of visit: 20/10/2021

Date of visit:	20/10/2021						
S for strong preser	nce: M for medium presence: W for v	٨					
Fish Number							
	er death (if > 45 minutes)						
External Signs	·						
Behaviour	Moribund						
	Lethargic						
	Hanging vertical						
	Spiralling						
	Flashing						
	Loss of equilibrium						
Body	Dark Distended abdomen						
	Anorexic						
	Scale Oedema						
Opercula	Shortened						
Operodia	Flared						
Haemorrhaging	Throat						
	Ventrum						
	Base of fins						
	Elsewhere						
Eyes	Exophthalmic						
	Enophthalmic (sunken)						
	Cataract						
	Haemorrhagic						
Gills	Pale						
	Zoned						
Lesions	Necrotic Flank						
Lesions	Elsewhere						
Vent	Inflamed						
VOIIL	Trailing faeces						
Lice Load	Estimate numbers						
Internal Signs							
Ascites	Clear						
	Bloody						
Oedema	In tissues						
Heart	Pale/anaemic						
	Granulomas						
	Deformed						
Liver	Petechial haem						
	Gross haem						
	Tissue breakdown Enlarged						
	Colour number(s)						
	Granulomas						
	Lesions						
Pyloric caeca	Petechial haem						
,	Tubules mauve						
	Lack of fat						
Spleen	Enlarged						
	Granulomas						
Gut	No food present						
	Yellow pseudo-faeces						
	External haem						
n	Internal haem						
Body wall	Haemorrhaging						
Swim bladder	Haemorrhaging						
Vidnov.	Fluid filled Swollen						
Kidney	Grey						
	Granular						
	Liquefied						
General	Parasites present						
	Anaemia						
			•				

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/20
Additional comments:		
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٠.	ii 059, version 15				-			100	sueu by. i	_			
	Case no:	2021-04	111	Site No:		FS1033			Date of vi Sampling		20/1	0/2021	20/
	Priority samples:	VI		ВА		PA		MG		НІ			
	Time sampling starts/ends:	14:0	0:00	16:3	0:00		Inspect	or:			VMD No	. [18
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST	Y	ВА	Y	MG	Y	VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No	F1	F2	F3	F4	F5	P1						
	Fish nos	1	2	3	4	5	1-5	6-7	8-9				
	Pool Group	P1	P1	P1	P1	P1							
	Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL				
	Average weight	4kg		4kg	4kg	4kg	4kg	4kg	4kg				
	Sex	N/A		N/A		N/A	N/A	N/A	N/A				
	Water Type	SW	SW	SW	SW	SW	SW	SW	SW				
		တ္	<u>တ</u>	o	6	o		တ္	စ္				
		ion FS1269	269	269	269	269		269	269				
		on 1S	on -S-	on -S1	t tion FS1	on -S1		tion FS1	tion FS1				
siis			ort lati 'y F	ort Iati 'y F	ort Iati 'y F	ort Iati 'y F			ort lati 'y F				
Details		ailt rcu her	all rcu her	ailí rcu hei	aik rcu hei	all rcu her		ailt rcu her	alk rcu hei				
		Lochailort Recirculation Hatchery FS	Lochallort Recirculation Hatchery FS1	Lochailort Recirculation Hatchery FS13	Lochailort Recirculation Hatchery FS1	Lochailort Recirculation Hatchery FS1		Lochailort Recirculation Hatchery FS	Lochallort Recirculation Hatchery FS				
Stock	Stock Origin Facility No				Z Ž Ï								
S	racility NO	11	11	11	18	18		12	18				

10/2021	Addition	nal Sam	ple Info	mation:											
	Humanely dispatched by purcussive blow.														
6	1	Total To	ests ass	igned	2	1									
				,											

Site No: FS1033

Case No: 2021-0411

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

Case No:	2021-0411			Date of visit:	20/10/2021			
Site No:	FS1033]		Inspector:				
Results Summary	Freq.			Da	te of Notifica	ntion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
MG_IHNQ	0/1	22/10/2021		22/10/2021		17/11/2021		
MG_IPN	1/1	22/10/2021		22/10/2021		17/11/2021		
MG_ISA	0/1	22/10/2021		22/10/2021		17/11/2021		
MG_SAV	1/1	22/10/2021		22/10/2021		17/11/2021		
MG_VHS	0/1	22/10/2021		22/10/2021		17/11/2021		
MG_PMCV	1/1	29/10/2021		29/10/2021		17/11/2021		
YRUK	4/5	08/11/2021		12/11/2021		17/11/2021		
NSIG	1/5	08/11/2021		12/11/2021		17/11/2021		
ADHE	5/5	08/11/2021		12/11/2021		17/11/2021		
AMGD	1/5	08/11/2021		12/11/2021		17/11/2021		
CGDH	4/5	08/11/2021		12/11/2021		17/11/2021		
GPAT	4/5	08/11/2021		12/11/2021		17/11/2021		
SALH	1/5	08/11/2021		12/11/2021		17/11/2021		
CMPS	2/5	08/11/2021		12/11/2021		17/11/2021		
		1						
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, SLI, VMD	27/10/2021							
DIAG	17/11/2021							
	1							
	1							
	1							





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0119
 Date of Visit
 20/10/2021

 Site No
 FS1033
 Site Name
 North Shore

 Case No
 20210411
 Inspector

Section 1: Summary

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

Histopathology examination revealed non-specific, mild proliferative branchitis. F3 displayed pathology consistent with mild amoebic gill disease (AGD). The fish also exhibited pathology consistent with cardiomyopathy syndrome (CMS) and pancreas disease (PD). This was confirmed as a sample tested positive for piscine myocarditis virus (CMS) and salmonid alphavirus (SAV) by qPCR.

Yersinia ruckeri was identified on plates taken from kidney material of 4/5 fish. Y. ruckeri is a primary fish pathogen and the level and purity of growth was significant.

Molecular genetic analysis revealed that a sample tested positive for the presence of infectious pancreatic necrosis virus (IPNv).

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, jellyfish/plankton blooms, AGD, a period of low dissolved oxygen and treatment losses.

Mortality levels have reduced significantly following a short period of low dissolved oxygen but several moribund fish were observed during the inspection. Five fish were removed from pens 11 and 18 for diagnostic sampling as these pens had the highest overall mortality.

All fish sampled were moribund. All gills were slightly to moderately pale in colour. The body of F4 was moderately anorexic and the opercula of F1 were shortened. F3 displayed exophthalmic eyes and F5 had a moderate cataract. Lice numbers ranged between 9-20 per individual.

Internally, all fish had pale/anaemic hearts. The liver in F4 and the spleen in F2, F3 and F5 were enlarged. No food was present in the gut of F4 and yellow pseudo-faeces were noted in the guts of the remaining fish. Slight haemorrhaging was also noted in the body wall of F1. Samples

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

Fish number	Pool number	Facility number	Species	Stage	Origin
F1-3	P1	11	Atlantic salmon	2020 Q4 4kg	Lochailort Recirculation Hatchery (FS1269)
F4-5	P1	18	Atlantic salmon	2020 Q4 4kg	Lochailort Recirculation Hatchery (FS1269)

Results

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

The following bacteria were isolated:

- Yersinia ruckeri
 - o Fish 1-4 (Kidney)

Yersinia ruckeri was identified by qPCR.

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

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

Infectious pancreatic necrosis (IPN)

Pool Number	Endogenous control Cp value		Cp Values	Reported Result (PCR)	
P1	18.49	40	37.81	40	POSITIVE

Piscine myocarditis virus (PMCV)

Pool Number	Endogenous control Cp value		Cp Values		Reported Result (PCR)
P1	16.94	20.39	20.36	20.48	POSITIVE

Salmonid alphavirus (SAV)

Pool Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
P1	18.49	24.3	24.52	24.52	POSITIVE

Salmonid alphavirus (SAV) was sequenced and matched 100% at amino acid level to previous type 5 isolates.

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

R09

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> Mild multifocal interlamellar hyperplasia and lamellar fusion (F3, F4), occasional spaces (lacunae) some filled with cell debris and amoebic cells, (F3, F4), displacement of chloride cells and some prominent goblet cells.

Some lamellar thickness and vascular disturbance in all fish. F4 also displayed some haemorrhage and several small areas of necrosis and presence neutrophil granulocyte on the hyperplasic plaques (pustule-like).

Few amoebic cells resembling *Neoparamoeba perurans* (F3) and several of basophilic epithelial inclusions (likely epitheliocystis) (F1, F2).

Some free blood among gill filament and several aneurysmal dilation, some organized.

Skin & Muscle: Within normal range.

<u>Heart:</u> Both chambers displayed mild inflammatory infiltrate, mainly mononuclear cells, and myofibre degeneration. Foci of mononuclear cells are also observed at the junction of the spongy and compact layer. Mild to moderate pericarditis (F1 & F4). F3: No atrium in section.

<u>Gut and pyloric caeca:</u> Some haemorrhage on the adipose tissue and presence of some fibrous adhesions (potentially associated with vaccine administration).

Pancreas: F2 displayed few apoptotic cells and foci of acinar necrosis.

Liver: Focal area of basophilic cells (F4).

Kidney: Within normal range.

Spleen: Slightly congested (F4).

Signed: Date: 17/11/2021

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/





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0119
 Date of Visit
 20/10/2021

 Site No
 FS1033
 Site Name
 North Shore

 Case No
 20210411
 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. 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.

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.

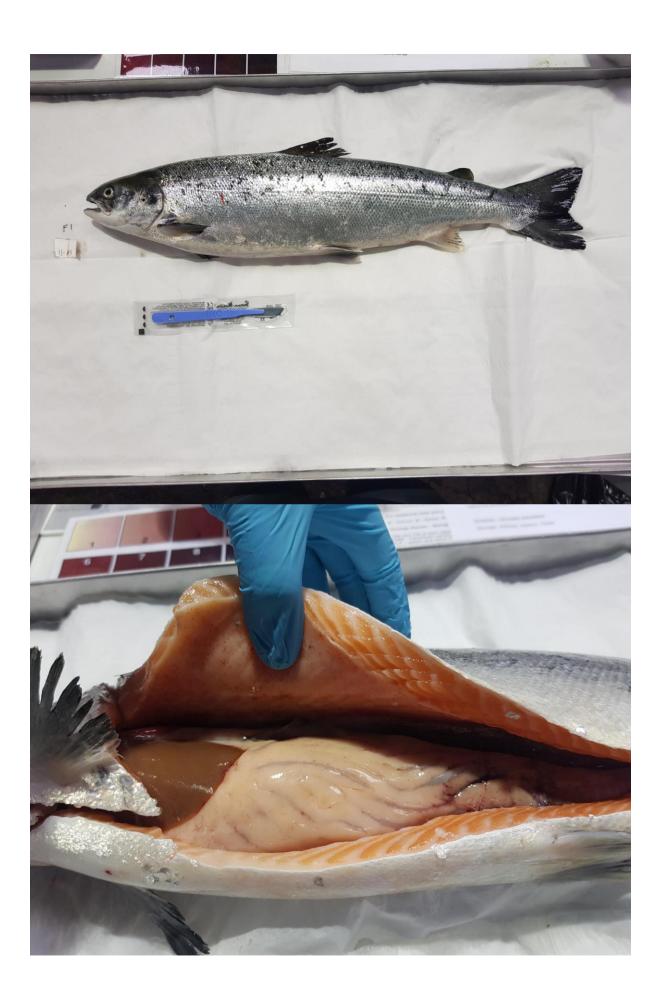
Please contact myself or the duty inspector should you require any further information or have any queries regarding this report.

Signed:

Fish Health Inspector

Date: 27/10/2021

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/







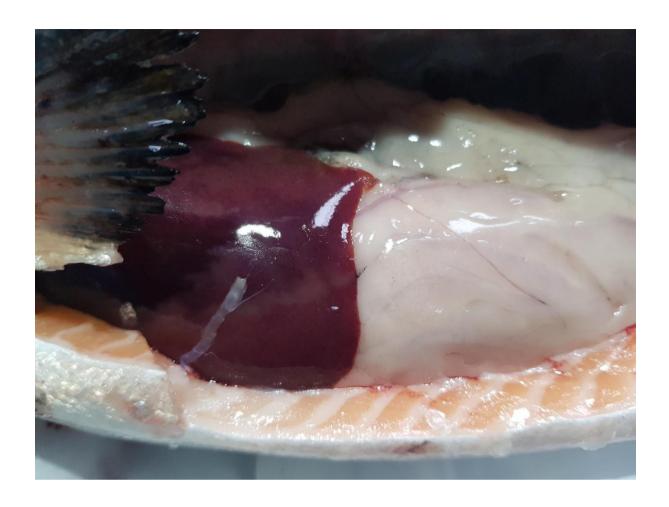












FHI 059, Version 13		Issued by: FHI		Date of is	ssue: 12/05/2020
Case No: 2021-0412			Dat	te of visit:	20/10/2021
Time spent on site:	hrs	N	lain Inspector:		
Site No: FS1297 Business No: FB0119	Site Name: Business Name:	Tabhaigh Mowi Scotland Ltd	1		
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD	5 6	_	
Water Temp (°C): 12.7	Thermometer No:	T152	FHI	l 045 comple	ted
Observations:	Region: WI	Water type:	S	CoGP MA:	W-3
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see ad	ditional information ditional information ditional information	on/clinical sco	ore sheet.
UNI/REG only - if unable to carry	out intended visit deta	il reason below:			

Fish came on from North Shore (FS1033)

Farmed lumpfish and wildcaught wrasse on site.

Mortalities and waste are stored in sealed bins on site until they are transferred to a common skip at the shorebase. The skip is collected by JD and taken to whiteshore cockles for landfill.

Mortality events:

Wk31: 5.3%, Wk45 (2019): 3.17%, Wk 44 (2019): 2.62%, Wk43 (2019): 3.64%), Wk42 (2019): 1.52% Mortality events that occurred in 2019 were attributed to the presence of CGD, CMS and PD on site. The mortality event that occurred in August 2021 was post-treatment.

Average adult female leps increased to 2.21 in wk29 and the site responded with a FW treatment which had good clearance, reducing the count to 0.29 the following week. The average count increased to 5.78 in Wk33. A salmosan and thermolicer treatment reduced the count to 1.86 in wk34. An average count of 2.32 was recorded in wk35 but reduced to 0.29 in wk36 as a result of an ongoing thermal treatment. When the average adult females increased again to 2.17 in wk28, a hydrolicer treatment reduced the count to 1.18 in wl39.

Site is conducting live haul harvests to Mallaig processing plant.

New thermolicer was on site during inspection. This was the first site to be treated. If the clearance rate of sea lice is high, then the boat will move to North Shore.

No mortalities observed across the site and only 4 moribunds were noted.

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

FHI 059, Version 13		_	Issu	ed by: FHI			Date of issue	e: 12/05/2020			
Case No:	2021-0412		Site No:	FS1297							
Date of Visit:		20/10/202	21		Inspector(s):						
Registration/Autho	risation Deta	ails									
1. Business/site deta			site representa	ative?			Υ				
2. Changes made to	details?						Υ				
Site Details (include cleaner fish for all sections)											
Total No facilities	e cleaner iis	10 an se	Facilities sto	cked	10	No faciliti	es inspected	10			
Species	SAL	LUM	WRA	CKCG		140 Idollitik	29 mopeoted				
Age group	2020 Q4	2020	Wildcaught								
No Fish	573,377	52,908	14,742								
Mean Fish Wt	4kg	100g	Mixed								
Next Fallow Date (S		Nov 22	mixed	Next Input Da	te (Site)	Aug 23					
Recent (last 4 wks)				•	Any escapes		visit)?	N			
If yes, detail:	CMS, HSMI		GD		,	`	,				
 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 plete and corre ates for introd ats carried ou	le for dead ectly entere ductions (ou	fish and waste? d? itwith GB) availa	able? siness (not usi	-			Y Y Y N/A			
Mortality Records											
1. Mortality records a	available for i	nspection?						Y			
2. How are mortalities					Other (detail)						
If other detail:	Whiteshore										
3. Mortality records		correctly e						Y			
4. Recent mortality ((0.21%), Wk3	9: 858 (0.15%	6), Wk38: 7	'49 (0.13%), W				
5. Evidence of recer		• •		,				N			
If yes, facility nos/no	mortality per	facility/no s	stock per facility	/reason:							
6 Any other peaks i	n martality du	ring pariod	ahaakad?					V			
6. Any other peaks i If yes, detail:		<u> </u>						1			
If yes, detail: See additional information. 7. Have increased (unexplained) mortalities been reported to vet or FHI?											
If yes, detail action:	anexplained)	nortalities t	occir reported to	VOLOT TITE				N/A			
8. Have 'mortality ev	ents' been re	ported to FI	HI? If no, enter	details on morta	ality events sh	neet.		Y			
			, 0		.,						

Treatments and Medicines Records								
1. Recent treatments (see comment)?	Y							
H2O2,								
If yes, detail: T.M.S.								
If other, detail:								
2. Medicines records available for inspection?	Y							
3. Are records complete and correctly entered?	Y							
4. Are fish in a withdrawal period?	Y							
5. If yes, what treatment(s)? T.M.S.								
If other, detail:								
6. Are medicines stored appropriately?	Y							
Biosecurity Records								
Biosecurity records available for inspection?	Y							
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y							
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any								
increased (unexplained) mortality at the site been included?	Y							
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease								
	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	Y							
health status, certification if required)?								
	V							
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y							
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	V							
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y							
aquaculture animals held on site?	\/\							
8. Have the biosecurity procedures been adequately implemented on site?	Y							
If no, detail:								
Desulte of Compalitions								
Results of Surveillance	V							
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	I							
2. If yes, are results available for inspection?	T V							
3. Any significant results? If yes, detail (if not detailed under recent disease problems). CGD	T							
Report date: 09/10/21 Records checked between: 12/11/2019 - 20/10/2021								
Necords checked between.								

FHI 059, Version 13		Issued by: FHI			Date	of issue	: 12/05/2020
Case Number:	2021-0412		Site No:	FS1297		Insp:	
Date of Visit	20/10/2021		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	20	
Species	Number of sup	ncluding third country	0		18 10	26 14	0
							10
Movements off	Frequency of n Number of des		0			10	10
Exposure via water	Inumber of des	Site contacts			6-10	10	3
Water contacts with other	Farm is protect	ed (secure water supply through		I-3	0-10		
farms (holding species	disinfection or		0				
susceptible to same		or in a coastal zone with category I	4	0	4		0
diseases)		or within 1 tidal excursion or in a coastal zone with category III	1	2	4		2
		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			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	r from MS of equivalent status	2				
		from zone or compartment of	_				
	equivalent state	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			
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	Inpasteurised feed	0	1			0
	Feeding unpas	teurised feed	5				
Biosecurity	•	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0	1			0
between sites, use of	No		1	-			0
footbaths etc			<u> </u>	J			
CoGP/Regulator Practices in accordance	Yes			1			
with regulator or industry	No		0				0
code of practice	INO		3				
Platform access to cages	Yes		<u> </u>	1			0
	No		2				
				J			
					Total		20
					Rank		MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0412	Site No:	FS1297
Sea Lice Inspection (Seawater Sites Only)		
 Has the site experienced sea lice problems in the pre 	vious 4 years?	Υ
2. Is the CoGP Farm Management Area (or equivalent)	fallowed synchronously on a single year	ar class basis?
3. Does the site have access to a range of licenced in-for azamethiphos and emamectin benzoate) as well as accent these be deployed in a reasonable period of time?		
4. Is there a signed documented farm management agr Management Area (or equivalent)?	eement or statement relevant to the site	and CoGP Farm
5. Are sea lice count records available for inspection? (I	_egal SSI, CoGP Annex 6)	Y
Do records adequately reflect the required standard s	specified in the SSI and the CoGP? (Leg	gal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels below the supecords are inspected? (CoGP Annex 6)	ggested criteria for treatment in the CoG	SP during the period that N
 Have average adult female sea lice (L. salmonis) null 2 or above (from w/b 10/6/19) during the period that rec 		ove (prior to w/b 10/6/19) or Y
f yes, have these been reported to the Fish Health Insp	ectorate? If no, FHI see comment.	Υ
 Is C. elongatus infestation at a level which is conside 	red to cause significant welfare problem	ns? (CoGP 4.3.81, 5.3.50) N
10. Have therapeutic treatments been administered or casuggested criteria for treatment or where <i>C. elongatus</i> is		
11. Has any other action been taken (where applicable)	?	Υ
12. Have therapeutic treatments or the actions taken ha		els recorded?
13. Are treatments, where conducted, carried out in coo		Υ
14. Is there a harvesting strategy for the site, where few sea lice?	er populations or part populations are h	eld without treatment for Y
15. Is there a site specific written lice management processenarios during the escalation of a sea lice infestation?		tions to deal with recognised Y
16. Do the sea lice levels observed on stocks reflect sea	a lice count data? If no please detail rea	rsons.
Containment Inspection		
1. Has the site experienced equipment damage due to	predators in the current or previous proc	duction cycles?
2. Are measures in place to mitigate against the predati		Y
Sealpro nets and		•
op nets.		
f other, detail below:		
3. Have escape incidents or events been experienced of	· ·	last FHI inspection?
f Yes proceed with questions 4 – 9. If No skip to questions 4. Have these been reported to Scottish Ministers?	on 10	
5. Have these been reported to Scottish Ministers?	here they exist)? (CoCP = 1.1.37, 5.1.1	7)
6. Have these been reported to the SSPO and local fish		
s. Have those been reported to the eer e and local her	chec adole for a five and check.	1.1.07, 0.1.17)
7. Were methods (if any) used to recover escapees? If	es give detail	
3. If gill nets were deployed was this action agreed with Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	local wild fish interests and was permiss	sion given by Scottish
9. What action was taken to prevent and minimise the ri	sk of further escapes? (Not covered in	code but could
be considered under satisfactory measures of the		
10. Is the site inspected as satisfactory with regards to	· ·	n(s)

FHI 059, Version 13	Issued by: FHI	Date o	of issue: 12/05/2020
Case No: 2021-0412	Site No: FS1297		
Date of Visit: 20/10/20	Inspector:	_	
Point of Compliance			
1. Is the farm under inspection locate	ed within a farm management area?		Υ
If N, no further questions require com	npletion.		_
 Has a current farm management a Is the current FMAg/S available for Does the FMAg/S identify the relev Does the FMAg/S identify the fish f 	vant farm management area? farm site(s) to which it applies? of commencement of the agreement of	n prepared?	Y Y Y Y Y
Arrangements for Fish Health Mana 8. Does the FMAg/S identify the mininfarm?	nagement imum health standards for the stocks to	be introduced to the area or	Y
· · · · · · · · · · · · · · · · · · ·	cination requirements for stocks held in		Y
	ecies of fish which may be stocked into aximum stocking density of any pen on a		Y Y
	angements for the storage and disposal farm?	al of any dead fish from any	Y
Arrangements for The Managemen 13. Does the FMAg/S identify arrange	nt of Sea Lice ements for the sharing of data on sea li	ice numbers and treatments?	Υ
14. Does the FMAg/S identify the ava of statement?	ailability and the use of medicines on fa	irms covered by the agreement	Υ
15. Does the FMAg/S identify any req lice on farms in the area or individual	quirements for the sensitivity testing of a l farms?	available treatments for sea	Υ
16. Does the FMAg/S identify the circused on farms in the area or individual	cumstances under which biological conf al farms?	trols and cleaner fish are to be	Υ
	angements for synchronous treatments	on farms within the area?	Y
Live Fish Movements 18. Does the FMAg/S identify the circ	cumstances when live fish may be intro	duced or removed from the	Y
area or farm? 19. Does the FMAg/S identify the arra or individual farms?	angements for the movement of live fis	sh on and off sites in the area	Y

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable ha	arvest practices on farms in the area or ind	lividual farms?
Fallowing 21. Does the FMAg/S identify the dates by v		
date when a farm or area may be restocked 22. Does the FMAg/S identify whether one agreement or statement?		sites covered by the Y
23. Does the FMAg/S identify whether brookcovered by the agreement or statement?	dstock or potential broodstock are to be ke	ept on any site
Point of Compliance for Farm Manageme 24. Does the farm management agreement parties to the agreement?		ome, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and ope 26. What is the version no/date of issue of the		r statement?

	mi uba, version 15							133	ueu by. r				
	Case no:	2021-04	112	Site No:		FS1297			Date of v		20/	10/2021	20/
	Priority samples:	VI		ВА		PA		MG	Sampling	g. HI			
	Time sampling starts/ends:		0:00		0:00		Inspecto	or:			VMD No).	17
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		РА		Total Sa	imples
Δ	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-2	3-4										
	Pool Group												
	Species	SAL	SAL										
	Average weight	4kg	4kg										
	Sex	N/A	N/A										
	Water Type	SW	SW										
Stock Details		D Lochallort Recirculation Hatchery FS1269	Recirculation Hatchery FS1269										

10/2021	10/2021 Additional Sample Information:													
	Human	ely dispa	atcehd b	y percu	ssive blo	OW.								
0 Total Tests assigned 0														
														1.

Site No: FS1297 Case No: 2021-0412

Action taken (FHI):

Nature of non-compliance:

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

O N	0004 0440			5		204		
Case No:	2021-0412	J		Date of vi	sit: 20/10/20	021		
Site No:	FS1297]		Inspec	tor:			
Results Summary	Freq.	т —			Date of Noti	fication		
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Report Summary				7				
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, SLI, VMD	27/10/2021							
	+							
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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0119Date of Visit20/10/2021Site NoFS1297Site NameTabhaighCase No20210412Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

Signed:

Fish Health Inspector

Date: 22/10/2021

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	Iss	ued by: FHI	Date of issue: 12/05/2020						
Case No: 2021-0415			Date of visit: 14/10/2021						
Time spent on site:	a	Main Inspect	tor:						
Site No: FS1317 Business No: FB0119	Site Name: Business Name:	Rum Mowi Scotland Ltd							
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: None						
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet.									
UNI/REG only - if unable to carry	UNI/REG only - if unable to carry out intended visit detail reason below:								

Fish have been taken from Hellisay to reduce biomass rather than fallow. Only 2k of Rum fish left - being harvested out tomorrow.

Plan to have 7 pens of Fish from Hellisay stocked at site.

CGD was on-going on site, background AGD, gill checks were seeing anaemic fish, fish bleeding out during lice counts. Heavy stocked pens were seeing high mortality - Dips in oxygen at night time and late afternoon. High biomass pens took largest hit at first. Large amounts of jellyfish observed in water at time of mortality event. Mortality attributed to poor gill health and environmental insult. P. pileus and Aglantha sp identified from water sampling.

Uplifts moved onto site to remove excess mortality - extra boats and bins brought in to deal with mortality.

After test treatment was conducted, it was decided to remove all fish from site, crowds sustaining high mortality.

Round of AMX treatments completed in August prior to event. Very good clearance for caligus, low numbers of leps.

Lice numbers have increased since beginning of mortality event, as treatments could not be conducted due to poor gill health of the fish.

Mortality (last 4 weeks)

wb 04/10/2021 - 9.65% - 29119

wb 27/09/2021 - 7.08% - 34444

wb 20/09/2021 - 7.02% - 49282

wb 13/09/2021 - 6.22% - 52598

PSI conducted after repeated notification to FHI of high mortality on site.

FHI 059, Versic	n 13		Issued	by: FHI		Date of iss	sue: 12/05/2020
Case No:	2021-0415		Site No:	FS1317	7		
Date of case:	14/10/2021]		Inspector(s):		
Registration/A	uthorisation De	ataile	_				
_	ontacts correct?		ite summary she	et)			Y
			•	,		'	
Site Details		10	No focilities etc	ا ماده ما		5 1	
Total No facilities Species	SAL	SAL	No facilities sto	Скеа		2	
Age group	2020Q3	2020Q3		_			
No Fish	2,000	32,000					
Mean Fish Wt	,	4.3kg					
Next Fallow Da			iable to change	Next Input Dat	e (Site)	Currently inputt	ing
	pection: (ECI or	•	09/07/2019		,		
Mortality Infor	,	,		_			
	creased or atyp	ical mortalities?	(last 4 weeks).				Y
If yes, detail:			disease and mic	ro jellyfish bloor	n (see additiona	l info)	
2. Any increase	d mortalities? (s						Y
• •	see additional i						
	talities disposed				Whole fish - T	WMA (Shetland)	
If other detail:	Being transport	ed by Aquascot	tia to Shetland.				
Treatments an	d Medicines						
	nts? (since last i	nspection)					Y
If yes, detail:	H2O2	' '	T.M.S.	7	Alphamax	7	
Other:	One test peroxi	de treatment - F		, 30% mortality i			
Heelth etetue	and Deculte of	C					
	and Results of on site? (since I						
•	CGD, AGD	ast irispection)					'
	nal health surve	illance heen car	ried out by or o	n hehalf of the l	husiness?		Y
 Any significa 		marioe been dar	Thea out by, or o	ir beriair or, the	545ii 1655 :		Y
	CGD, AGD						
, ,	000,7100						
Sea lice							
1. Has the site	experienced sea	lice problems i	in the previous 4	years?			N
If yes, detail:							
Have lice lev	els stayed belov	the suggested	criteria for treat	ment in the Co	SP since the last	inspection?	N
If no, detail:							
_		•	•		a level of 3 or ab	ove (prior to w/b	Y
10/6/19) or 2 or	above (from w/	o 10/6/19) since	e the last inspec	tion?			
	ave these been i	•	•		see comment.		Y
	have treatment	discharge cons		sea lice?		_	Y
If yes, detail:	Alphamax		Salmosan]		J	
•	eutic treatments	or the actions to	aken had a sign	ificant impact up	on the lice level	s recorded?	Y
If no, detail:		al farmer		h an abot	January C. C		
	ned documente		ment agreemen	t or statement re	elevant to the site	e and CoGP	1
	nent Area (or eq Farm Managem		uivalent) fallow	ed synchronous	ly on a single ve	ar class basis?	N
	. am managom		and the famous	2 2,1.0.11.01.0001	, on a chighe yet	a. Diaco bacio:	

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

Escapes/Containment	
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:	2021-0415			Date of visit:	14/10/2021					
Site No:	FS1317	Inspector:								
Results Summary	Freq.	_			te of Notifica					
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
	 									
	 									
	1									
	 									
	1									
Report Summary										
Case Type	Date	Insp	2 nd Insp							
PSI	09/11/2021									
	 									





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR.

BUSINESS No FB0119 DATE OF VISIT 14/10/2021 SITE NO FS1317 SITE NAME

Rum

CASE NO 20210415 INSPECTOR

Passive Surveillance Inspection

A notification of mortality levels above the reporting criteria was received by the Fish Health Inspectorate for the period of 13/09/2021 to 17/10/2021.

A passive surveillance inspection 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 site had suffered significant mortality attributed to gill health and jellyfish plankton blooms. The presence of jellyfish species P. pileus and Aglantha sp were identified through water sampling during the event. The company attempted the treat the fish for gill health issues, but due to significant post treatment mortality the decision was made by the company to remove the affected fish from the site by harvesting. All affected fish have now been harvested out from the site.

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

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:

Fish Health Inspector

Date: 09/11/2021

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-servicecharter/

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0425			Date of visit: 18/10/2021
Time spent on site:	h	Main	Inspector:
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel F	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 observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see addition	onal information/clinical score sheet. onal information/clinical score sheet. onal information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail	il reason below:	

Issued certificate MS/2021/0022 for 18 bags of mussels going to the Republic of Ireland. Bags inspected at the shorebase prior to loading onto the lorry. All bags marked with label.

FHI 059, Version 13			Issu	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2021-0425		Site No:	SS0759				
Date of Visit:		18/10/2021]		Inspector(s)			
Registration/Autho	risation Deta	ails						
1. Business/site deta			ite representa	ative?			Υ	
2. Changes made to	details?	·					N	
Site Details (includ	e cleaner fis	h for all sect	ions)					
Total No facilities	o oleaner no	30	Facilities sto	cked	30	No facilitie:	s inspected	0
Species	MED	MED	r dominos sto			TTO TOOMERO		
Age group	2020	2021						
No Fish	~750t	~10t						
Mean Fish Wt	40mm	spat						
Next Fallow Date (S		N/A		Next Input Da	ite (Site)	natural spa	at settlement	
Recent (last 4 wks)	disease probl	ems?			Any escapes			N/A
If yes, detail:								
 Date of last inspe Are records comp Are movement re Are records comp Are health certific Transport Records Are any movement yes, is there a system 	olete and correctords availabelete and corrected attestion for introductions.	le for dead fis ectly entered? luctions (outwood)	h and waste? vith GB) availa	able? usiness (not usi	_		16/11/2020	Y N/A N/A N/A
Mortality Records								
1. Mortality records		•						Y
2. How are mortalitie					Other (detail)		
If other detail:		fall to the sea						V
3. Mortality records	•	correctly ente						Y
4. Recent mortality (observed since	e last inspecti	on		N.I
5. Evidence of recer		• •		/·				N
If yes, facility nos/no	monality per	racility/no sto	ck per racility.	reason:				
6. Any other peaks i	n martality du	ring paried ab	ankad2					N
6. Any other peaks i If yes, detail:	i illortality du	ing penda cr	ieckeu!					IN
7. Have increased (Inexplained)	mortalities he	en reported to	vet or FHI2				N/A
If yes, detail action:	инскріатіва)	nortanties be	on reported to	VOLOT THE				14//
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	ality events s	heet.		N/A
			,		,			

Treatments and Medicines Records		
1. Recent treatments (see comment)?		
If yes, detail:		
If other, detail:		
2. Medicines records available for inspection?		
3. Are records complete and correctly entered?		
4. Are fish in a withdrawal period?		
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?		
Biosecurity Records		
Biosecurity records available for inspection?		
2. Has the manner and frequency of mortality removal, recording and s		
3. Has the manner and period in which the APB will notify Scottish Mini	sters 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 sus	•	
is detected been included and how and when that will be notified to Sc		
5. Has the health status of aquaculture animals being stocked on the fa	rm site been covered (equal or higher	
health status, certification if required)?		
6. Have the husbandry and biosecurity measures implemented between		
transmission of disease been covered (movement of staff, visitors, equ	•	
7. Is documentation available regarding the measures in place to maint	ain the physical containment of	
aquaculture animals held on site?		
8. Have the biosecurity procedures been adequately implemented on s	te?	
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: 16/11/20-	18/10/21	

Case No:	2021-0425]		Date of vis	sit: 18/10/20	021					
Site No:	SS0759	_		Inspecto	or:						
Results Summary	Freq.			[Date of Noti		n				
		Database	e Insp	Phone	Insp	Writing	Insp	2 nd Insp			
	+	+									
		+					_				
	_										
	_										
Report Summary											
Case Type	Date	Insp	2 nd Insp								
MOV	27/10/202	1									
	_										
	- 										





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0530
 Date of Visit
 18/10/2021

 Site No
 SS0759
 Site Name
 Fearna

 Case No
 20210425
 Inspector

Inspection for export

The above site was visited and a consignment of *Mytilus edulis* spat 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: 27/10/2021
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: 2021-0426			Date of visit: 19/10/2021
Time spent on site:	1.5h	Main In:	spector:
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Far	ms 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 observed Gross pathology observed? Diagnostic samples taken?		N If yes, see additiona	al information/clinical score sheet. al information/clinical score sheet. al information/clinical score sheet.
UNI/REG only - if unable to carry	y out intended visit deta	ail reason below:	

Issued certificate MS/2021/0023 for 18 bags of mussels going to the Republic of Ireland. Bags inspected at the shorebase prior to loading onto the lorry. All bags marked with label.

FHI 059, Version 13		_	Issu	ed by: FHI	_	D	ate of issue	: 12/05/2020
Case No:	2021-0426		Site No:	SS0759				
Date of Visit:		19/10/2021]		Inspector(s)			
Registration/Autho	risation Deta	nils						
1. Business/site deta			ite representa	ative?		Y	′	
2. Changes made to	•	,	·			N	J	
Site Detaile (includ	a alaanar fia	h far all agat	iono)			_		
Site Details (includ Total No facilities	e cleaner iis	30	Facilities sto	cked	30	No facilities i	nspected ()
Species	MED	MED	i aciiilles sio	I CREU	30	NO facilities i	rispected (,
Age group	2020	2021						
No Fish	~730t	~10t						
Mean Fish Wt	40mm	≈10t spat						
Next Fallow Date (S		N/A		Next Input Da	to (Site)	natural spat	settlement	
Recent (last 4 wks)	,				_ ` '	s (since last vis		N/A
If yes, detail:	discase probi	CITIO:		, ,	Arry Cocapce	S (SIFICE IAST VIS	oit):	IN/ A
 4. Are movement red 5. Are records comp 6. Are health certification Transport Records 1. Are any movement If yes, is there a system 	elete and corre ates for introd nts carried ou	ectly entered? luctions (outw	vith GB) availa	able? usiness (not usi	_		<u> </u>	N/A N/A N/A
Mortality Records								
Mortality records a	available for i	nspection?					Г	Y
2. How are mortalities		•			Other (detail)		
If other detail:	<u> </u>	fall to the sea	ahed		Otrior (dotain	<u>/</u>		
3. Mortality records of								Y
4. Recent mortality (•	corrosily only		observed since	last inspecti	on		
5. Evidence of recen		tvpical mortal		00001700 011100	, last inspecti	011		N
If yes, facility nos/no		• •		/reason:			_	
, 22, 22, 22, 20, 20, 20, 20, 20, 20, 20		, 310	,					
6. Any other peaks in	n mortality du	ring period ch	necked?					N
If yes, detail:								
7. Have increased (u	unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:	,							
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.								N/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
1. Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	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: 18/10/21-19/10/21	

Case No:	2021-0426			Date of visit:	19/10/2021						
Site No:	SS0759	1		Inspector:							
Results Summary	Freq.	Detahasa	Ilman		te of Notifica		Ilnen	- nd -			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
							=				
			-				-				
Report Summary				1							
Case Type	Date	Insp	2 nd Insp								
MOV	27/10/2021										





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0530
 Date of Visit
 19/10/2021

 Site No
 SS0759
 Site Name
 Fearna

 Case No
 20210426
 Inspector

Inspection for export

The above site was visited and a consignment of *Mytilus edulis* spat 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: 27/10/2021
Fish Health Inspector

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0427			Date of visit: 20/10/2021
Time spent on site:	.5h	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 N If yes, see additional inform N If yes, see additional inform N	mation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	nil reason below:	

Issued certificate MS/2021/0024 for 18 bags of mussels going to the Republic of Ireland. Bags inspected at the shorebase prior to loading onto the lorry. All bags marked with label.

FHI 059, Version 13			Issu	ed by: FHI			Date of issue	: 12/05/2020
Case No:	2021-0427		Site No:	SS0759				
Date of Visit:		20/10/2021]		Inspector(s):		
Registration/Autho	risation Deta	ails						
1. Business/site deta			ite representa	ative?		ľ	Υ	
2. Changes made to	•	,	·				N	
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities	c cicarici iis	30	Facilities sto	ocked	30	No facilities	inspected	0
Species	MED	MED	r dominoo oto	I		140 Idollitios	Пороской	
Age group	2020	2021						
No Fish	~710t	~10t						
Mean Fish Wt	40mm	spat						
Next Fallow Date (S		N/A		Next Input Da	ate (Site)	natural spa	t settlement	
Recent (last 4 wks)	•	ems?			_ ` '	es (since last v		N/A
If yes, detail:								
M I								
Movement Records		r inapportion?						
 Movement record Date of last inspe 		i inspection?					19/10/2021	·
 Date of last inspet Are records comp 		actly entered?	•			L	19/10/2021	
4. Are movement re		•		•				N/A
5. Are records comp							-	N/A
6. Are health certific		•		able?			t	N/A
Transport Records								
1. Are any movemen		t by (or on be	half) of the bu	ısiness (not us	ing a STB)?		ſ	
If yes, is there a sys					_		ľ	
Mortality Records 1. Mortality records	availahle for i	nenection?					Г	Y
2. How are mortalities		•			Other (deta	il)		
If other detail:	<u>-</u>	fall to the sea	ahed		Other (deta	,		
3. Mortality records								Y
4. Recent mortality (•	corrodaly critic		observed since	e last inspect	tion		
5. Evidence of recer		tvpical mortal		00001100	s lact mopeo			N
If yes, facility nos/no		* *		/reason:			_	
		·	· · · · ·					
6. Any other peaks i	n mortality du	ring period ch	necked?					N
If yes, detail: 7. Have increased (inexplained)	mortalities he	en renorted to	o vet or FHI?				N/A
If yes, detail action:	ariexpiairieu)	nortailles de	on reported to	J VOLOI I I II :				14/7
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)?		
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		
3. Has the manner and period in which the APB will notify Scottish Minister	rs 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 suspice	•	
is detected been included and how and when that will be notified to Scottis		
5. Has the health status of aquaculture animals being stocked on the farm	site been covered (equal or higher	
health status, certification if required)?		
6. Have the husbandry and biosecurity measures implemented between ea		
transmission of disease been covered (movement of staff, visitors, equipment of staff, equipment	· · · · · · · · · · · · · · · · · · ·	
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: 19/10/21-20/	10/21	

Case No:	2021-0427			Date of visit:	20/10/2021						
Site No:	SS0759	1		Inspector:							
		ı									
Results Summary	Freq.	Databasa	Ilaan		te of Notifica		Ilaan	- nd -			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
Report Summary				1							
Case Type	Date	Insp	2 nd Insp								
MOV	27/10/2021										





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0530
 Date of Visit
 20/10/2021

 Site No
 SS0759
 Site Name
 Fearna

 Case No
 20210427
 Inspector

Inspection for export

The above site was visited and a consignment of *Mytilus edulis* spat 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: 27/10/2021
Fish Health Inspector

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2021-0428			Date of visit: 21/10/2021			
Time spent on site:	.5h	Main Inspect	or:			
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Farms Lt	d			
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?	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.					
UNI/REG only - if unable to carry out intended visit detail reason below:						

Issued certificate MS/2021/0025 for 18 bags of mussels going to the Republic of Ireland. Bags inspected at the shorebase prior to loading onto the lorry. All bags marked with label.

FHI 059, Version 13			Issu	ued by: FHI			Date of issue	: 12/05/2020
Case No:	2021-0428		Site No:	SS0759	9			
Date of Visit:		21/10/2021]		Inspector(s	s):		
Registration/Author	risation Deta	ails						
1. Business/site deta			site representa	ative?			Υ	
2. Changes made to	•	·	·				N	
Site Details (includ	le cleaner fis	h for all sect	tions)					
Total No facilities		30	Facilities sto	ocked	30	No facilitie	s inspected	0
Species	MED	MED	i dominos sta	l	1	Tto Taomico		<u>- </u>
Age group	2020	2021						
No Fish	~690t	~10t						
Mean Fish Wt	40mm	spat						
Next Fallow Date (S		N/A		Next Input Da	ate (Site)	natural spa	at settlement	
Recent (last 4 wks)					_ ` '	es (since last		N/A
If yes, detail:						`		
Movement Records 1. Movement records 2. Date of last inspects 3. Are records computed. Are movement records computed for the control of the c	Is available for cition: blete and corrected available blete and corrected for introductions.	ectly entered' le for dead fis ectly entered' ductions (outv at by (or on be for maintenar	? sh and waste? ? with GB) avail ehalf) of the bu	able? usiness (not us	-		20/10/2021	Y N/A N/A N/A
•		•			Otle an /alata	::1\		Y
How are mortalitiesother detail:			-11		Other (deta	all)		
		fall to the se						
3. Mortality records	•	correctly ent				4:		<u>'</u>
 Recent mortality (Evidence of recer 		typical morta		observed since	e iast inspec	tion		N
If yes, facility nos/no		* *		//rooson:			L	11
ir yes, racility 1105/110	Thortainly per	Tacility/110 St	ock per racility	//Teason.				
6. Any other peaks i	n mortality du	ıring period cl	hecked?					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	l? If no, enter	details on mor	tality events	sheet.		N/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
1. Biosecurity records available for inspection?	
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: 20/10/21-21/10/21	

Case No:	2021-0428			Date of visit:	21/10/2021						
Site No:	SS0759	1		Inspector:							
		ı									
Results Summary	Freq.	D			te of Notifica		T.				
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
			-								
				-							
Report Summary	_		d								
Case Type	Date	Insp	2 nd Insp								
MOV	27/10/2021										





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0530
 Date of Visit
 21/10/2021

 Site No
 SS0759
 Site Name
 Fearna

 Case No
 20210428
 Inspector

Inspection for export

The above site was visited and a consignment of *Mytilus edulis* spat 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: 27/10/2021
Fish Health Inspector

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0429			Date of visit: 22/10/2021
Time spent on site:	.5h	Main Inspector	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 N If yes, see additional inform N If yes, see additional inform N	nation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:	

Issued certificate MS/2021/0026 for 18 bags of mussels going to the Republic of Ireland. Bags inspected at the shorebase prior to loading onto the lorry. All bags marked with label.

FHI 059, Version	13		Issu	ued by: FHI			Date of issue	: 12/05/2020
Case No:	2021-042	.9	Site No:	SS075	9			
Date of Visit:		22/10/20)21		Inspector(s):		
Registration/Au	thorisation D	etails						
1. Business/site			y site represent	ative?			Y	
2. Changes made		·	•				N	
Site Details (inc	lude cleaner	fish for all se	ections)					
Total No facilities		30	Facilities sto	ocked	30	No facilitie	es inspected	0
Species	MED	MED					1	
Age group	2020	2021						
No Fish	~670t	~10t						
Mean Fish Wt	40mm	spat						
Next Fallow Date		N/A		Next Input D	ate (Site)	natural spa	at settlement	
Recent (last 4 wk	• •	oblems?			N Any escape			N/A
If yes, detail:						·		
4. Are movement 5. Are records co 6. Are health cert Transport Record 1. Are any mover If yes, is there a second s	omplete and c tificates for int rds ments carried	orrectly entero troductions (o out by (or on	ed? utwith GB) avail behalf) of the b	able? usiness (not u	-		[[N/A N/A N/A
Mortality Record	ds							
1. Mortality record	ds available f	or inspection?						Y
How are morta	alitie <u>s dispose</u>	d of?			Other (deta	ail)		
If other detail:		ells fall to the						
Mortality record	•	•	entered?					Y
Recent mortali				observed sind	ce last inspec	tion		
Evidence of re	cent increase	d/atypical mo	rtalities?					N
If yes, facility nos	/no mortality	per facility/no	stock per facility	y/reason:				
6. Any other peak If yes, detail:	ks in mortality	during period	checked?					N
7. Have increase		ed) mortalities	been reported t	o vet or FHI?				N/A
If yes, detail action				alataila	ata literatura	ala a a t		NI/A
Have 'mortality	events beer	reported to F	HI? IT no, enter	details on mo	πality events	sneet.		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: 21/10/21-22/10/21	

Case No:	2021-0429			Date of visit:	22/10/2021			
Site No:	SS0759	Inspector:						
Results Summary	Freq.	Date of Notification						
resource Curriniary	1 1041	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
							-	
Report Summary				1				
Case Type	Date	Insp	2 nd Insp	1				
MOV	24/10/2021		2 11139					





SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0530
 Date of Visit
 22/10/2021

 Site No
 SS0759
 Site Name
 Fearna

 Case No
 20210429
 Inspector

Inspection for export

The above site was visited and a consignment of *Mytilus edulis* spat 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: 27/10/2021
Fish Health Inspector

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020				
Case No: 2021-0430			Date of visit: 19/10/2021				
Time spent on site:		Main Inspecto	or:				
Site No: FS1296 Business No: FB0119	Site Name: Business Name:	Colonsay 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: None				
Dead/weak/abnormally behaving to Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional infor	If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet.				
UNI/REG only - if unable to carry	out intended visit detai	il reason below:					

Fish were treated last week for AGD - all pens treated, and worst affected pen had a fresh water treatment.

Some pens had a post treatment mortality spike.

Further AMX treatment planned, but depending on vet advice.

PD confirmed on site, AGD progressed quickly

Weather has made it difficult to retrieve mortality everyday.

Mortality numbers dropped by 50% from Friday to Saturday and 50% again from Saturday to Sunday

Plan to thin the site down during fresh water treatments to reduce biomass in each pen.

Pen 9 - was worst affected.

Fish handled crowding fine during treatments, at next weather window fresh water treatment will be conducted on whole site.

At next weather window fresh water treatment will be conducted on whole site.

Ferguson has collected some mortality, but most is ensiled on site.

Nothing unusual noted in plankton sampling.

Mortality (last 4 weeks) Week 41 (5.46%) - Week 39 (0.43%) week 40 (2.26%) - Week 38 (0.13%)

FHI 059, Versio	on 13		Issued	by: FHI		Date of iss	sue: 12/05/2020
Case No:	2021-0430		Site No:	FS1296			
Date of case:	19/10/2021				Inspector(s):		ĺ
Registration/A	Authorisation De	etails					
Business/site of	ontacts correct?	(if no update sit	e summary shee	et)			Y
Site Details						_	
Total No faciliti		10	No facilities sto	cked	10	0	
Species	SAL						
Age group No Fish	2021 1.241 million						
Mean Fish Wt							
Next Fallow Da		Fall 22		Next Input Date	e (Site)	not known	
	pection: (ECI or		05/03/2020		(5.1.5)		
		F 31)	00/00/2020				
Mortality Infor		ical martalitics?	(loot 4 wooks)				
If yes, detail:	icreased or atyp	ical mortalities?	,	additional inform	ation		'
	ed mortalities? (s	since last inspect		additional inform	ialion		Y
If yes, detail:	See additional i	•					
•	rtalities disposed				Ensiled - on sit	te	
If other detail:							
Treatments ar	nd Medicines						
	nts? (since last in	nspection)					Y
If yes, detail:	Alphamax		H2O2	1	T.M.S.	7	
Other:	AMX to target of	aligus.					
Health status	and Results of	Surveillance					
	on site? (since l						Y
•	PD and AGD.	,					
		illance been carr	ied out by, or or	behalf of, the b	ousiness?		Y
3. Any significa							Y
If yes, detail	PD and AGD p	resent on site.					
Sea lice							
	experienced sea	a lice problems ir	the previous 4	years?			N
If yes, detail:			·				
2. Have lice lev	els stayed below	v the suggested	criteria for treatr	nent in the CoG	P since the last	inspection?	N
If no, detail:	increased lice r	numbers towards	end of 2020.				
					level of 3 or ab	ove (prior to w/b	Y
		b 10/6/19) since					
•		reported to the F	•		see comment.		Y
		discharge cons		sea lice?		_	Y
If yes, detail:	Alphamax	or the actions ta	Salmosan	icant impact up	on the lice level	s recorded?	Y
o. Have therap	ediic freatments	or the actions ta	iken nau a signii	icani impaci up	on the lice level	s recorded?	'
	aned documente	d farm managen	nent agreement	or statement re	levant to the site	e and CoGP	Y
	nent Area (or eq						
		ent Area (or equ	uivalent) fallowe	d synchronously	y on a single ye	ar class basis?	Y

Escapes/Containment					
1. Any reported escapes? (check prior to phone call)					
2. Any escapes? (since last inspection)					
If yes, detail: 29/09/2021 - Hole in net discovered, caused be predator. No fish reported as escaped.					
include date)					
Biosecurity Records					
Any significant changes to your biosecurity procedures since previous visit?					
If yes, detail:					

Case No:	2021-0430	Date of visit: 19/10/2021						
Site No:	FS1296	Inspector:						
Results Summary	Freq.	Date of Notification						
r tooding out in the state of t		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	 							
	 							
								
	 							
Report Summary			nd					
Case Type	Date	Insp	2 nd Insp					
PSI	09/11/2021							





SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0119 DATE OF VISIT 19/10/2021 SITE NO FS1296 SITE NAME Colonsay

CASE NO 20210430 INSPECTOR

Passive Surveillance Inspection

A notification of mortality levels above the reporting criteria was received by the fish health inspectorate for the period of 04/10/2021 to 17/10/2021

A passive surveillance inspection 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).

Fish on site have been affected by poor gill health. Amoebic gill disease has been identified as the primary reason for gill health issues. Pancreas disease has also been detected on site. All pens on site have been treated for gill issues and the business reported a significant reduction in mortality levels in all pens following completion of treatments.

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

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:

Fish Health Inspector

Date: 09/11/2021