Issu	ed by: FHI	Date of	issue: 12/05/2020				
		Date of visit:	11/05/2022				
	Main	Inspector:					
Site Name: Business Name:	Linnhe Mowi Scotland Ltd						
CNI 3 SLI	4 VMD 5 D	6 6					
Thermometer No:	T305	FHI 045 compl	eted N/A				
Region: HI	Water type: S	CoGP MA	M-33				
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? Y If yes, see additional information/clinical score sheet. Y If yes, see additional information/clinical score sheet. Y If yes, see additional information/clinical score sheet. Y							
out intended visit detail rea	son below:						
	Site Name: Business Name: CNI 3 SLI Thermometer No: Region: HI fish present?	Site Name: Business Name: CNI SUI Thermometer No: Region: HI Water type: Sish present? Y If yes, see additions of the present of the	Date of visit: Main Inspector:				

Additional Case Information:

Remote paperwork completed 04/05/22.

WRS some wild caught from N. Ireland, some farmed.

Fallow possibly Sep 22 (if current stock moved to Muck or Rum) or July 2023.

Treatment imported from Chile: Veterian (Florfenicol)

Lethargic and moribund fish observed in pen 8-10. Site staff actively remove lethargic and moribund fish on a daily basis from these pens. Fish removed for diagnostic from pen 8 and 9. Lethargic fish also observed in some of the other pens, particularly pen5 and 7. Approximately 10-15 lethargic fish observed in pen 5 and 7 each. Two fish removed for diagnostic removed from pen 5. Overall majority of fish in pens 1-7 appeared to be shoaling normally. Fish a little deeper in the water and at times with the light conditions difficult to observe. At the time of inspection strong tidal currants were observed on site.

FHI 059, Version 13			Is	sued by: FHI			Date of issu	ue: 12/05/2020
Case No:	2022-0146		Site No:	FS0240	5			
Date of Visit:		11/05/202	22		Inspector(s	s):		1
Registration/Author	risation De	taile						
1. Business/site deta			site represe	ntative?			V	7
2. Changes made to		y onconca 2,	Site represe.	ilauvo.			N	1
Site Details (includ	le cleaner fi	sh for all se	ctions)					
Total No facilities		10	Facilities s	stocked	10	No facilitie	es inspected	10
Species	SAL	WRS	LUM					
Age group	2021 Q4	mixed	2021					
No Fish	915,000	31,844	2,240					
Mean Fish Wt	1.8kg	80-150g	50g					
Next Fallow Date (S		Sep 22 or	July 23	Next Input Da	_ ` '	Oct 22 or		
Recent (last 4 wks)	disease prob	olems?		Y	Any escape	es (since last	visit)?	N
	(Oxytetracy	ycline) treatm		vith smaller fish to rted towards the prrow.				
Movement Records 1. Movement records 2. Date of last inspects 3. Are records computed. Are movement records computed. Are health certifical transport Records 1. Are any movement from the seconds 1. Are any movement from the seconds 1. Mortality Records 1. Mortality records 1. Mortality records	ds available forction: blete and corecords availablete and corectes for introduced the corectes for introduced the corectes for introduced the corectes for interest corectes for place	rrectly entered able for dead for prectly entered abductions (our but by (or on be a for maintena	d? fish and wastod? atwith GB) ava	ailable? business (not us		>	11/03/2022	Y N Y Y Y
2. How are mortalities		•			Ensiled - or	n site		
If other detail:								
3. Mortality records	complete an	d correctly e	ntered?					Y
	·	·	SAL: wk 14 1.16% / 10 ; wk 15, 20 LUM: wk 1	4, 2022: 1.49% / 0,996; wk 17, 202 022: 77/ 0.24% ; 14, 2022: 270/ 1.	22: 1.13% / ′ wk 16, 2022 .12% ; wk 15	10,493. WRS 2: 144/ 0.45%;	5: wk 14, 2022 5; wk 17, 2022	2: 154/ 0.48% 2: 136/ 0.43%.
4. Recent mortality (` '			k 17. 2022: 448/1	.93%.			• ٧
5. Evidence of recer								Y
If yes, facility nos/no		•	•	•				
SAL: Majority of mo				ens on site signi	ificantly lowe	er figures.		- V
6. Any other peaks i								Y
If yes, detail:		3, 2022: 1.149		FILID				
7. Have increased (unexplained)							Y
16 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				2, Florfenicol trea	atment starte	ed for pen 8,9),10 on 5/4/22	2. Further
If yes, detail action: 8 Have 'mortality ev	rental boon r			planned 5/5/22.	rtality avente	choot		
o have monallivev	enis been r	еропео ю гг	arc ii no enic	ar defails on mor	Talliv evenis	Sneei		

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Treatments and Medicines Records 1. Recent treatments (see comment)?		Y
Veterin (Florfen		
If yes, detail:	,	
If other, detail:		
2. Medicines records available for inspection	on?	Y
3. Are records complete and correctly enter	ered?	Y
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?	Veterin 80% (Florfenicol),	, TMS
If other, detail:		
6. Are medicines stored appropriately?		
Biosecurity Records		
1. Biosecurity records available for inspect	ion?	Y
2. Has the manner and frequency of morta	ality removal, recording and safe disposal bee	en considered?
3. Has the manner and period in which the	e APB will notify Scottish Ministers or veterina	ary professional of any
increased (unexplained) mortality at the s	ite been included?	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?

If no, detail:

Results of Surveillance

Has any animal health surveillance been carried out by, or on behalf of, the business?
 If yes, are results available for inspection?

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?

3. Any significant results?

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

Tenacibaculum maritimum

Visit 13/4/22: Samples collected from affected pens (8 & 9). Pathology observed consistent with Tenacibaculum maritimum and also Moritella viscosa. PatoGen report on samples collected (13/4/22) dated 21/4/22: PCR positives for M. viscosa; T. maritimum. Visit 28/4/22: Samples collected from 8 &9. Samples positive for Tenacibaculum spp., and Yersinia ruckeri, however negative results for T. maritimum and M. viscosa.

Records checked between:

11/03/2022 - 04/05/2022

٠,	ii 000, version 10							133	ueu by.				
	Case no:	2022-01	146	Site No:		FS0240			Date of		11/0	05/2022	11/(
	Priority samples:	VI		ВА		PA		MG	Samplin	ig. HI			
	Time sampling starts/ends:		00:00	-	0:00		Inspecto	or:			VMD No	o. [13
	Environmental conditions:	1	Indoors	2	Wet	3		4		5		1	
	Summary samples	HIST	Y	ВА	Y	MG	Y	VI	Y	PA		Total Sa	imples
										_		•	
A	dd Fish/Pools - click												
	Pool/Fish No	F1	F2	F3	F4	F5	P1	P2					
	Fish nos	1	2	3	4	5	1-2	4-5	6	7	8		
			2 P1	ა	P2	9 P2	1-2	4-3	O	1	0		
	Pool Group	P1		CAL					CAL	CAL	CAL		
	Species	SAL	SAL	SAL	SAL	SAL			SAL	SAL	SAL		
	Average weight	2kg	2kg	700g	700g	700g			1.8kg	1.8kg	1.8kg		
	Sex	N/A	n/A	N/A	n/A	N/A			N/A	N/A	N/A		
	Water Type	SW	SW	SW	SW	SW			SW	SW	SW		
S		Ę	⊆	L L	Ę	Ę			Ę	Ę	ڃ		
tai		l suc	%	ne	- Jus	l suc			ne	l suc	L S		
Details		nfiir	# <u></u>	nfiir	nfii	nfiir			nfiir	nfiir	ijĘ		
충	Stock Origin	Glenfinnan	Glenfinnan	Glenfinnan	Glenfinnan	Glenfinnan			Glenfinnan	Glenfinnan	Glenfinnan		
Stock	Facility No	5				9					6		

	,							,		
05/2022	Addition	nal Sam	ple Infor	mation:						
7	1	Total T	ooto ooo	ianad	12					
- 1	J	Total To	ests ass	igned	13					

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

Case no:	2022-0146		Site N	0:	FS0240		Method of killing: Percussive				
Date of visit:	11/05/202	2	Insped	ctor(s):				Sh	eet Re	elevant:	Υ
S for strong presen	ce: M for medium presence: W for	weak nres	sence								
Fish Number	oo. m to mount processes to to		F2	F3	IF4	F5					
	er death (if > 45 minutes)	60									
External Signs	or doddir (ii z 10 iiiiratoo)		-								
Behaviour	Moribund	М	М	M	М	М					
Donavious	Lethargic	S	S	S	S	S					
	Hanging vertical										
	Spiralling										
	Flashing										
	Loss of equilibrium										
Body	Dark										
,	Distended abdomen										
	Anorexic			M	М	S					
	Scale Oedema										
Opercula	Shortened	М	М								
o por ouru	Flared										
Haemorrhaging	Throat										
gg	Ventrum										
	Base of fins										
	Elsewhere										
Eyes	Exophthalmic										
_yoo	Enophthalmic (sunken)										
	Cataract										
	Haemorrhagic										
Gills	Pale										
Gillo	Zoned				lw	W					
	Necrotic										
Lesions	Flank				М	М					
Legions	Elsewhere										
Vent	Inflamed										
VOIIL	Trailing faeces										
Lice Load	Estimate numbers										
2.00 2044	Zotimato Hamboro										
Internal Signs											
Ascites	Clear										
	Bloody										
Oedema	In tissues										
Heart	Pale/anaemic										
	Granulomas										
	Deformed			W							
Liver	Petechial haem	W	W	W							
	Gross haem										
	Tissue breakdown										
	Enlarged										
	Colour number(s)	4	3	3 4	2	2					
	Granulomas										
	Lesions										
Pyloric caeca	Petechial haem										
	Tubules mauve										
	Lack of fat			M	S	S					
Spleen	Enlarged	M	М	M	W	W					
	Granulomas										
Gut	No food present			W	S	S					
	Yellow pseudo-faeces	S	S	М	W	W					
	External haem										
	Internal haem										
Body wall	Haemorrhaging										
Swim bladder	Haemorrhaging		М								
	Fluid filled										
Kidney	Swollen										
	Grey	M	М	M	W	W					
	Granular	M	M	M							
	Liquefied				W	M					
General	Parasites present										
	Angomia										

Case no: 2022-0146

Date of visit: 11/05/2022

	nce: M for medium presence: W for	or w			_	1		
Fish Number								
	er death (if > 45 minutes)							
External Signs	I							
Behaviour	Moribund							
	Lethargic							
	Hanging vertical							
	Spiralling							
	Flashing							
Dody	Loss of equilibrium Dark							
Body	Distended abdomen							
	Anorexic							
Opercula	Scale Oedema Shortened							
Орегсија	Flared							
Haomorrhaging	Throat							
Haemorrhaging	Ventrum							
	Base of fins							
	Elsewhere							
Eyes	Exophthalmic							
	Enophthalmic (sunken)							
	Cataract							
	Haemorrhagic							
Gills	Pale							
	Zoned							
	Necrotic							
Lesions	Flank							
	Elsewhere							
Vent	Inflamed							
	Trailing faeces							
Lice Load	Estimate numbers							
Internal Signs								
Ascites	Clear							
	Bloody							
Oedema	In tissues							
Heart	Pale/anaemic							
	Granulomas							
	Deformed							
Liver	Petechial haem							
	Gross haem							
	Tissue breakdown							
	Enlarged							
	Colour number(s)							
	Granulomas							
	Lesions							
Pyloric caeca	Petechial haem							
	Tubules mauve							
	Lack of fat							
Spleen	Enlarged							
	Granulomas							
Gut	No food present							
	Yellow pseudo-faeces							
	External haem							
	Internal haem							
Body wall	Haemorrhaging							
Swim bladder	Haemorrhaging							
	Fluid filled		_			I	I	
Kidney	Swollen							
Kidney	Swollen Grey							
Kidney	Swollen Grey Granular							
	Swollen Grey Granular Liquefied							
Kidney General	Swollen Grey Granular							

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/202
Additional comments:		
		1
		1
		1

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2022-0146		Site No:	FS0240		Insp:	
Date of Visit	11/05/2022		No of m	ovements/s	supp./dest.		Score
Live fish movements			O	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	C	5	10	14	5
with GB) of susceptible	Frequency of m	novements on from equivalent zone or					
species		ncluding third country	C			26	
	Number of sup	pliers	С	5	10	14	5
Movements off	Frequency of m		C			10	10
	Number of des				-	10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	ed (secure water supply through	C				
susceptible to same		or in a coastal zone with category I					
diseases)	farms upstream	n or within 1 tidal excursion	1	2	4		2
		or in a coastal zone with category III		,	6		
		or within 1 tidal excursion or in a coastal zone with category V	1	3	6		
		or within 1 tidal excursion	1	4	8		
	Training apparature						
Management practices	<u>.</u>		None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	С	1	2		1
On farm processing within the rules of the directive	No on farm pro		С				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	from zone or compartment of	4				
		from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	С	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	C	Ī			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	C	1	2		0
	Sites sharing s	taff and equipment	С	1	2		0
Disinfection of equipment	Yes		C	1			0
between sites, use of footbaths etc	No		1	1			
CoGP/Regulator			•	.			
Practices in accordance	Yes		C				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		C	1			0
	No		2	1			
				•			
					Total Rank		26 HIGH
					Nailk		піоп

Case No:	2022-0146	S	Site No: FS0240	
Sea Lice Inspection	(Seawater Sites Only)			
•	enced sea lice problems in	the previous 4 years?		N
•		valent) fallowed synchronously on	a single year class basis?	Υ
		ed in-feed and bath sea lice medic	` '	Υ
	namectin benzoate) as wel loyed in a reasonable perio		nd/or mechanical control measures,	
4. Is there a signed do Management Area (or	_	ent agreement or statement relevar	nt to the site and CoGP Farm	Υ
5. Are sea lice count	ecords available for inspec	tion? (Legal SSI, CoGP Annex 6)		Υ
6. Do records adequa	tely reflect the required sta	ndard specified in the SSI and the	CoGP? (Legal SSI, CoGP Annex 6)	Υ
7. Are sea lice (<i>L. sal.</i> records are inspected		the suggested criteria for treatmen	nt in the CoGP during the period that	Υ
		nis) numbers per fish been at a leve hat records are inspected?	el of 3 or above (prior to w/b 10/6/19) or	N
If yes, have these bee	en reported to the Fish Hea	th Inspectorate? If no, FHI see con	mment.	N/A
9. Is C. elongatus infe	estation at a level which is	considered to cause significant welf	fare problems? (CoGP 4.3.81, 5.3.50)	N
			salmonis levels have exceeded the re implications? (CoGP 4.3.82, 5.3.51)	N/A
11. Has any other act	ion been taken (where app	icable)?		N/A
12. Have therapeutic	treatments or the actions to	ken had a significant impact upon	the lice levels recorded?	N/A
		t in cooperation between participati	~	Υ
14. Is there a harvest sea lice?	ng strategy for the site, wh	ere fewer populations or part popul	lations are held without treatment for	Y
	cific written lice manageme during the escalation of a	nt procedure with waypoints descri sea lice infestation?	ibing set actions to deal with	Υ
16. Do the sea lice lev	vels observed on stocks ref	lect sea lice count data? If no pleas	se detail reasons.	Υ
Containment Inches	tion			
Containment Inspec		due to predators in the current or pr	revious production cycles?	N
•	· · ·	predation experienced on site? (De		Y
2.7110 Micaedice III pi	aco to magato agamet are	producti experienced on ene. (20		1.
If other, detail belov				
tensioned nets, top ne				•
•	·	enced on or in the vicinity of the site	e since the last FHI inspection?	N
	uestions 4 – 9. If No skip to eported to Scottish Minister			
		vith (where they exist)? (CoGP – 4	4	
			e they exist)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if a	ny) used to recover escape	es? If yes give detail		
8. If gill nets were dep Ministers? (Legal, Co		ed with local wild fish interests and	was permission given by Scottish	
		e the risk of further escapes? (Not	covered in code but could	
	er satisfactory measures			
10. Is the site inspect	ed as satisfactory with rega	rds to containment? If no, please d	detail reason(s)	Υ

Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

TH 050 Version 40	leaved by FIII	Data of issues 42/05/2020
FHI 059, Version 13	Issued by: FHI No: FS0240	Date of issue: 12/05/2020
Case No: 2022-0146 Site	No: F30240	
Date of Visit: 11/05/2022	Inspector:	
Point of Compliance		
1. Is the farm under inspection located within		Υ
f N, no further questions require completion.		
Points of Compliance for Both Farm Mana	agement Agreements and Statements	3
2. Has a current farm management agreeme	ent or statement (FMAg/S) been prepare	
3. Is the current FMAg/S available for inspect		Y
 Does the FMAg/S identify the relevant farm Does the FMAg/S identify the fish farm site 	•	Y
6. Does the FMAg/S identify the date of comi		nent?
7. Does the FMAg/S identify the date of revie		Y
Arrangements for Fish Health Managemer	nt	
B. Does the FMAg/S identify the minimum he		duced to the area or Y
arm?		
9. Does the FMAg/S identify the vaccination i		
 Does the FMAg/S identify the species of Does the FMAg/S identify the maximum s 	•	
ndividual farm?	stocking density of any pen on any fami	The died of the
12. Does the FMAg/S identify the arrangeme	nts for the storage and disposal of any	dead fish from any fish
farm in the area or the individual farm?		
Arrangements for The Management of Sea	a Lice	
13. Does the FMAg/S identify arrangements	for the sharing of data on sea lice numb	pers and treatments?
14. Does the FMAg/S identify the availability	and the use of medicines on farms cover	ered by the agreement
of statement?		
15. Does the FMAg/S identify any requirement	nts for the sensitivity testing of available	treatments for sea
ice on farms in the area or individual farms?		
16. Does the FMAg/S identify the circumstan used on farms in the area or individual farms		
17. Does the FMAg/S identify the arrangeme		s within the area?
Live Fish Movements		
18. Does the FMAg/S identify the circumstan	ces when live fish may be introduced or	r removed from the
area or farm?		r removed from the Y d off sites in the area
19. Does the FMAg/S identify the arrangeme or individual farms?	nts for the movement of live fish on and	d off sites in the area

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable	harvest practices on farms in the area or ind	lividual farms?
date when a farm or area may be restocked 22. Does the FMAg/S identify whether one agreement or statement?	which the area or individual farm will be falled? or more year classes may be stocked onto odstock or potential broodstock are to be ke	sites covered by the
Point of Compliance for Farm Manager 24. Does the farm management agreeme parties to the agreement?	nent Agreements Only nt include arrangements for persons to beco	ome, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and op 26. What is the version no/date of issue o	perated in accordance with the agreement of the FMAg/S? Jan-22	r statement?
MOWI only business in the CoGP area		

Site No: FS0240

Case No: 2022-0146

Nature of non-compliance:

Action taken (FHI):

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

Case No: Date of visit: 11/05/2022 2022-0146 Site No: FS0240 Inspector: Results Summary Freq. Date of Notification Writing 2nd Insp Database Insp Phone Insp Insp 16/06/2022 MG-AGD 0/5 16/05/2022 18/05/2022 16/06/2022 MG-SAL POX 3/5 16/05/2022 18/05/2022 MG- PARA THER 5/5 16/05/2022 18/05/2022 16/06/2022 MG-VHS 0/5 16/06/2022 16/05/2022 18/05/2022 MG-IHN 0/5 16/05/2022 18/05/2022 16/06/2022 16/06/2022 MG-ISA 0/5 16/05/2022 18/05/2022 MG-PMCV 16/06/2022 0/5 17/05/2022 18/05/2022 MG-SAV 16/06/2022 0/5 17/05/2022 18/05/2022 17/05/2022 MG-IPN 0/5 18/05/2022 16/06/2022 TENC 3/5 02/06/2022 02/06/2022 16/06/2022 2/5 16/06/2022 SULC 02/06/2022 02/06/2022 16/06/2022 **HPAT** 4/5 02/06/2022 02/06/2022 1/5 16/06/2022 **PMCH** 02/06/2022 02/06/2022 16/06/2022 **ADHE** 5/5 02/06/2022 02/06/2022 16/06/2022 **SPAT** 5/5 02/06/2022 02/06/2022 YRUK 3/5 14/06/2022 16/06/2022 Rhodococcus sp. 1/5 14/06/2022 16/06/2022 16/06/2022 2/5 **VSPE** 14/06/2022 VVIS 1/5 14/06/2022 16/06/2022 16/06/2022 **NSIG** 2/5 14/06/2022 Report Summary Case Type Date 2nd Insp Insp ECI, CNI, SLI, VMD 18/05/2022 DIA 16/06/2022





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0119
 DATE OF VISIT
 11/05/2022

 SITE NO
 FS0240
 SITE NAME
 Linnhe

 CASE NO
 20220146
 INSPECTOR

Section 1: Summary

During a routine inspection moribund and lethargic fish were removed for diagnostic sampling. The site had reported increased mortality due to bacterial infection for several weeks prior to the visit.

Histopathology examination revealed bacterial infection (likely associated with *Tenacibaculum* sp.) in F3; F4 and F5 displayed bacterial ulcerative dermatitis. F2 displayed myocarditis and all fish had evidences of splenitis and nephritis, potentially associated with bacterial infection. Some peritonitis was observed in all fish, potentially associated with vaccine administration.

Yersinia ruckeri was identified on plates taken from kidney material of fish F1, F2 and F5. Moritella viscosa was identified on plates taken from F5 lesion. Vibrio sp. was identified on plates taken from fish 4 and 5. Both Yersinia ruckeri and Moritella viscosa are primary fish pathogens, Vibrio sp. is more commonly a secondary pathogen. The purity of growth would not suggest that any one of these bacteria could be implicated as the primary cause of morbidity however the level of growth overall was significant.

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

During a routine inspection moribund and lethargic fish were observed on site and removed for diagnostic sampling. At the time of the visit the site was stocked with 915,00 2021Q4 Atlantic salmon at an average weight of 1.8kg, as well as wrasse and lumpfish. The site had been reporting mortality events above the reporting threshold to the Fish Health Inspectorate in the weeks leading up to the inspection. Mortalities were attributed to bacterial infection with *Tenacibaculum*. Mortality records showed that mortality was increased predominantly in pens 8, 9 and 10. During the site inspection approximately 10-15 moribund and lethargic fish were also in pens 5 and 7.

All fish removed for the diagnostic were moribund and lethargic. Externally, F1-F2 had shortened opercula and F3-F5 were anorexic. F4-F5 had slightly zoned gills, as well as lesions on the flanks. Internally, F1-F3 showed some petechial haemorrhaging on the liver with the heart of F3 showing slight deformity. F3-F5 had a lack of fat around the pyloric caeca and had no food present in the gut. All fish showed signed of an enlarged spleen, as well as a slightly grey appearance of the kidney, with the kidney also appearing slightly granular in F1-F3. The kidney appeared liquefied in F4-F5. The swim bladder displayed some haemorrhaging in F2.

R09

Samples

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

Fish number	Pool number	Facility number	Species	Stage	Origin
F1 – F2	P1	5	Atlantic salmon	2kg, 2021 Q4	Glenfinnan
F3	N/A	8	Atlantic salmon	700g, 2021 Q4	Glenfinnan
F4 – F5	P2	9	Atlantic salmon	700g, 2021 Q4	Glenfinnan

Results

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

The following bacteria were isolated:

- Yersinia ruckeri: F1-F2& F5 (Kidney);
- Moritella viscosa: F5 (Lesion);
- Vibrio sp.: F4 (Lesion, Gill); F5 (Kidney, Lesion, Gill);
- Rhodococcus sp.: F3 (Kidney);

Rhodococcus sp. was identified using PCR and sequencing of 16s rRNA. Rhodococcus sp. is not known as a fish pathogen.

From the tests conducted on *Yersinia ruckeri* isolates, we do not have evidence of resistance to oxytetracycline, sulphamethoxazole/trimethoprim or florfenicol. We have evidence which may indicate some resistance to amoxycillin.

From the tests conducted on *Moritella viscosa* isolates, we do not have evidence of resistance to oxytetracycline, amoxycillin or florfenicol. We have evidence which may indicate some resistance to sulphamethoxazole/trimethoprim.

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

Salmon gill poxvirus (SGPV)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	18.79	-	-	-	Negative
F2	19.1	-	-	-	Negative
F3	19.43	32.23	32.26	32.87	POSITIVE
F4	19.59	27.76	28.29	28.82	POSITIVE
F5	20.18	27.77	27.68	27.43	POSITIVE

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

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

Paranucleospora theridion

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	18.79	32.94	32.54	32.16	POSITIVE
F2	19.1	33.41	32.85	33.93	POSITIVE
F3	19.43	25.93	25.83	25.94	POSITIVE
F4	19.59	27.02	26.45	27.41	POSITIVE
F5	20.18	26.24	25.95	26.36	POSITIVE

The samples tested negative for Neoparamoeba perurans (AGD).

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

Histopathological examination revealed the following:

<u>Gill:</u> Several clusters of filamentous bacteria and no inflammation reaction associated (F3). Mild, multifocal, interlamellar epithelial hyperplasia (F1, F2). Some scattered aneurysmal dilation/telangiectasia, lamellar congestion and freed blood among gill filaments (F1-F5). F4 displayed post-mortem artefacts.

Skin & Muscle: lesions: partial absence of epidermal (F4 & F5). Some dermal oedema and presence of high number of mixed bacteria that stained Gram-negative and Giemsa positive (F4 & F5). Foci of unknown round-shaped structures (potentially yeast) noted in all the lesions. Musculature displayed mild inflammation and some haemorrhage.

<u>Heart:</u> Several clusters of filamentous bacteria and no inflammation reaction associated (F3). Mild influx of mononuclear cells (F2). Some pericarditis (F4, F5).

<u>Gut and pyloric caeca:</u> Mild to moderate peritonitis (potentially associated with vaccine administration) (F1-F5). Some cell sloughing (potentially linked to post-mortem artefacts).

<u>Pancreas:</u> Within the normal range.

<u>Liver:</u> Some cuffing (F1-F5). Mild, multifocal hepatocellular cell degeneration and necrosis and some haemorrhage (F5). F2 displayed some congested vessels.

<u>Kidney:</u> Some foci of sparse haematopoietic tissue and some inflammatory cells circulating within the sinusoidal spaces (F2). Renal tubes displayed hyaline droplets on the lining epithelium (F2-F5). F2 and F3 exhibited very few numbers of rod-shaped and filamentous Gram-negative bacteria, respectively.

<u>Spleen:</u> Several clusters of filamentous bacteria surrounded by melanin pigment (F3) and F1 also exhibited very few numbers of rod-shaped Gram-negative bacteria. Mild diffuse vaculation in the white pulp (F1-F5). Slightly congested (F2-F5).

Signed: Date: 16/06/2022
Fish Health Inspector

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





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0119
 Date of Visit
 11/05/2022

 Site No
 FS0240
 Site Name
 Linnhe

 Case No
 20220146
 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 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 found to be inadequately maintained.

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

• FS numbers must be recorded in the source/destination section of the movement record book, to allow for better traceability of stocks. It was discussed with the site manager that this would be recorded in future. No further action is required.

These must be addressed to ensure the conditions of authorisation for your Aquaculture Production Business (APB) are being met.

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 assistance or clarification in implementing any requirement or recommendation detailed in 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/

2022-0146

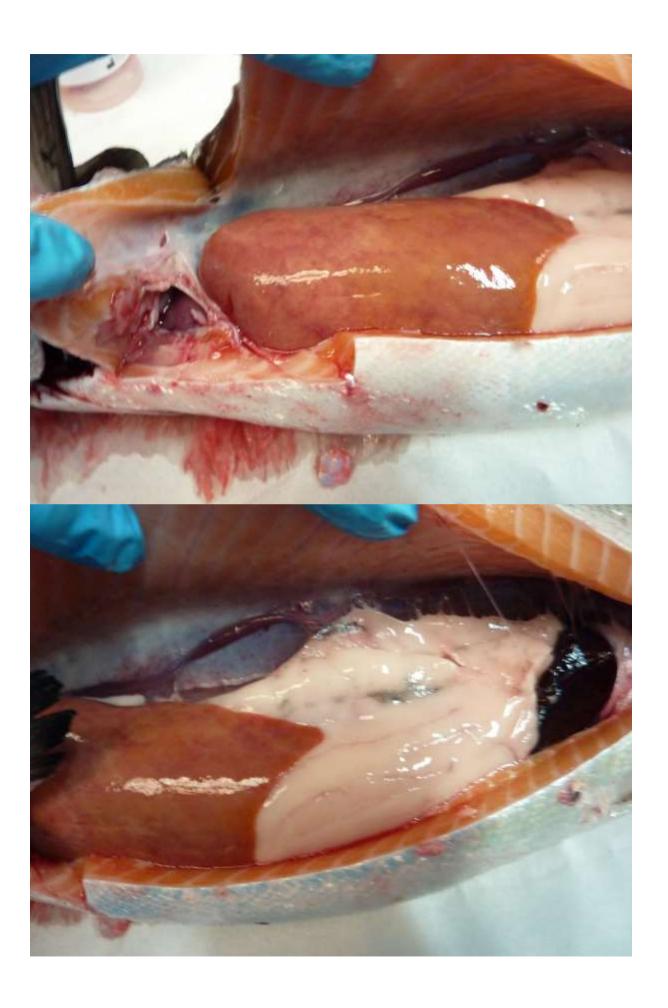
F1 (Pen 5)

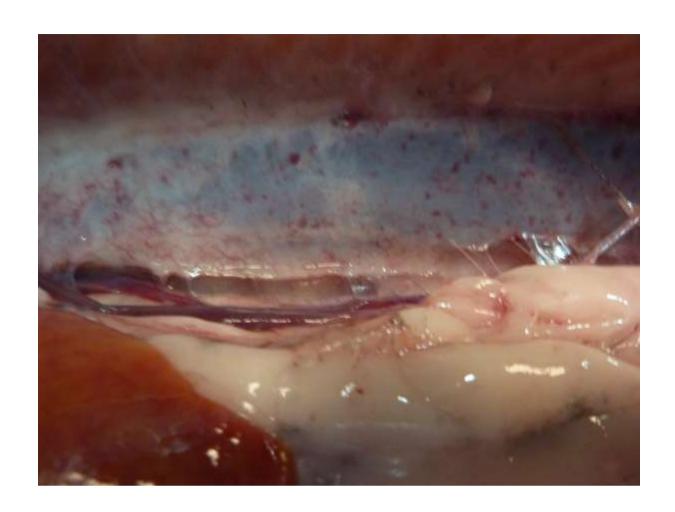


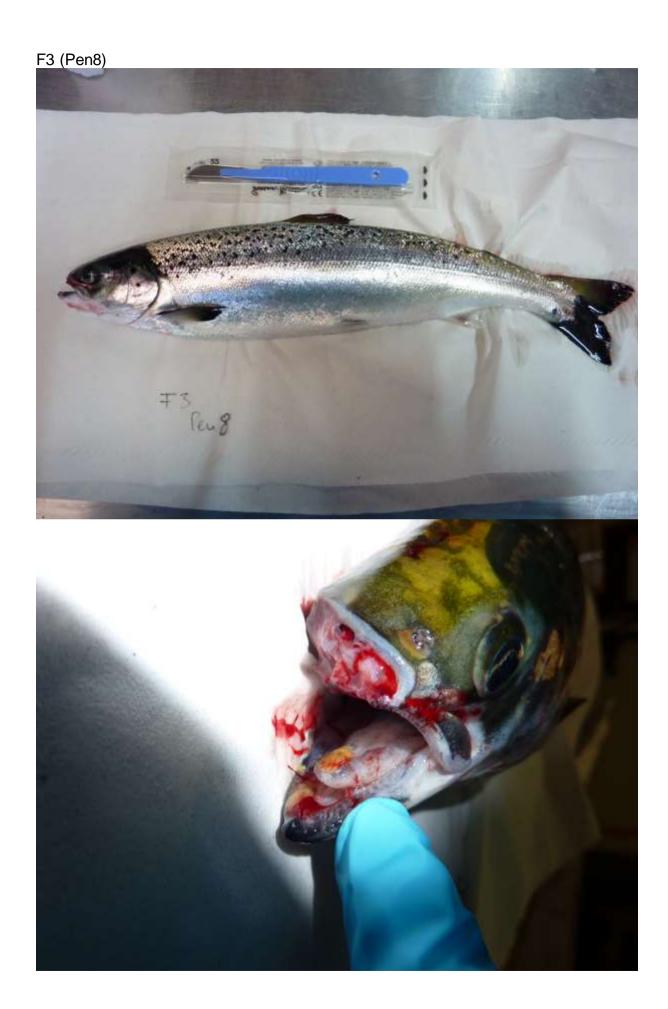


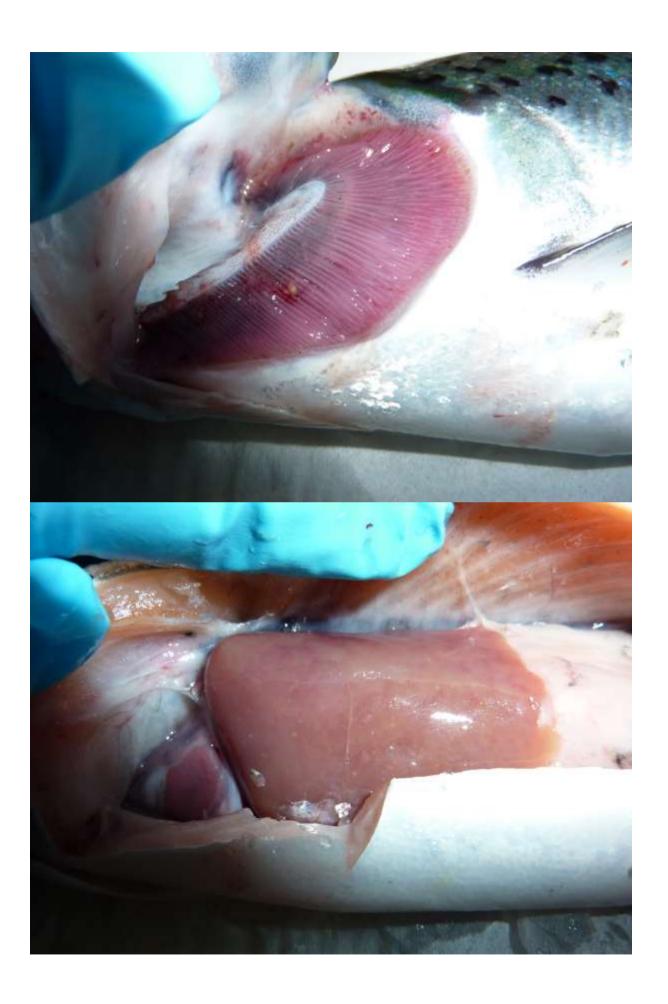


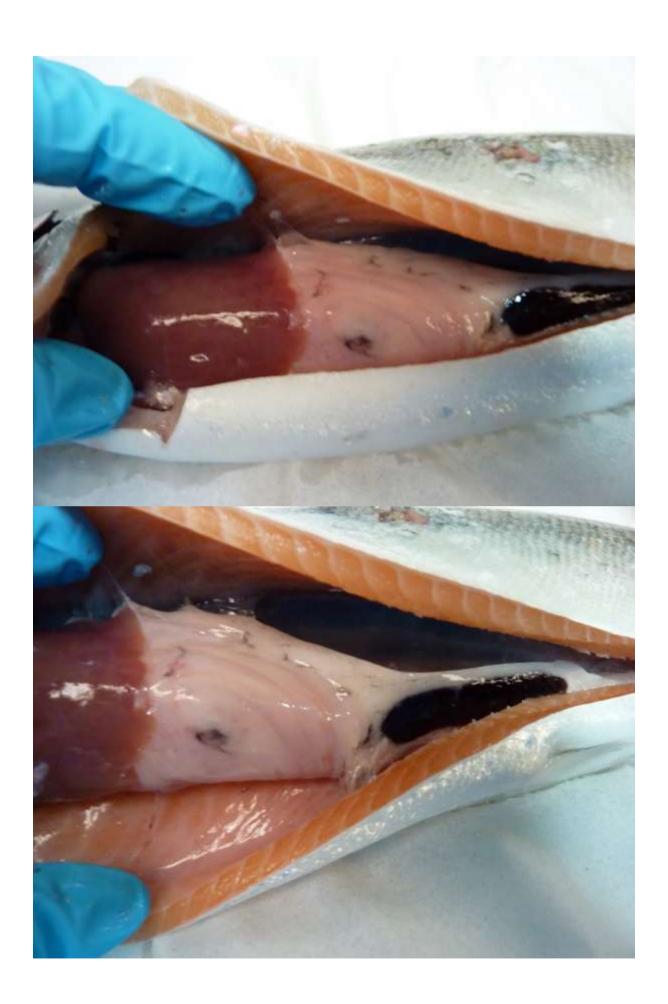
F2 (Pen5)

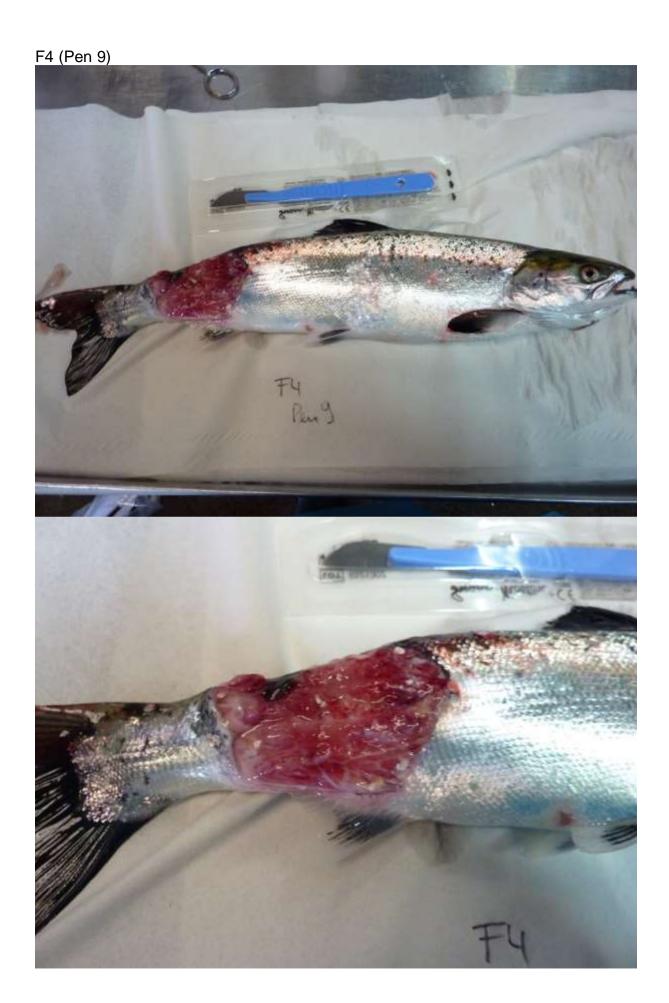






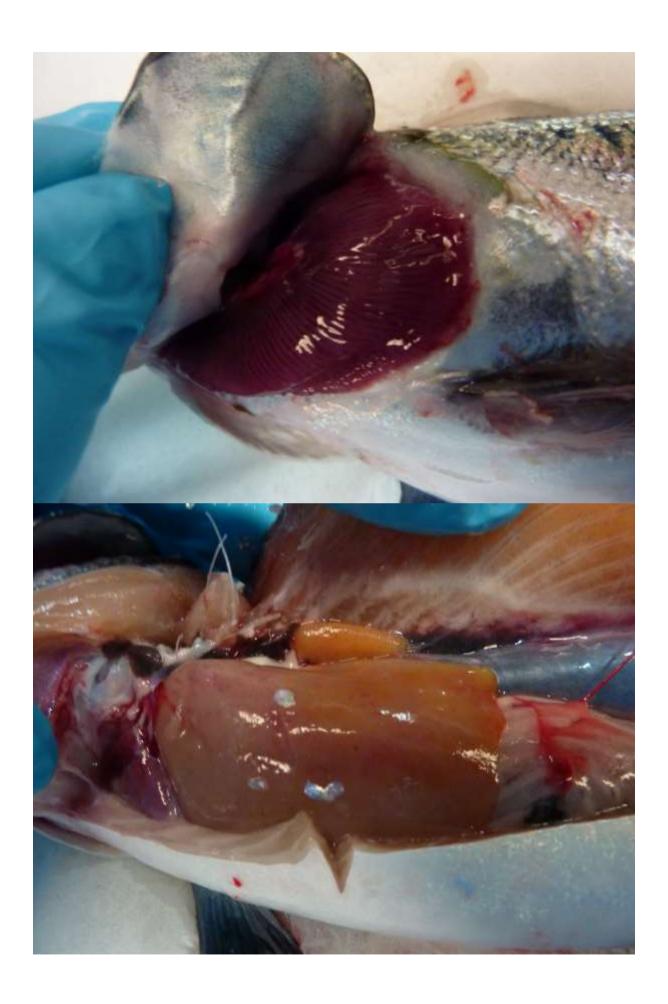








F5 (Pen 9)





FHI 059, Version 13	Is	sued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0148			Date of visit: 16/05/2022
Time spent on site:) mins	Main Inspecto	or:
Site No: FS1306 Business No: FB0565	Site Name: Business Name:	Machrihanish Hanger NIRI Scotland Ltd	
Case Types: 1 REG	3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: ST	Water type: B	CoGP MA: M-49
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional infor	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail r	eason below:	

site fallow since 2016 and had been visited by FHI in 2019 and records collected then

Site was inspected in 2019. Tank still in place but fully drained. No intention to stock in the near future. Discussed with site operators and contact details update to EFC Scotland Ltd and paperwork completed to inactivate the site.

Case No:	2022-0148			Date of visit:	16/05/2022	2			
Site No:	FS1306]		Inspector:					
Results Summary	Freq.			Da	te of Notifica	ition			
resound Cummary	1 104.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
			=						
							-		
							_		
							_		
Report Summary	Dete		and .						
Case Type	Date 25/05/2022	Insp	2 nd Insp						
Reg	25/05/2022								





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0565 Date of Visit 16/05/2022

SITE NO FS1306 SITE NAME Machrihanish Hanger

CASE No 20220148 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.

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

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

The site was reported as being fallow since 2016 and there are currently no firm plans to restock in the near future. Following the site inspection, documentation has been submitted to inactivate the site. Should you wish to restock at any point in the future please get in touch 90 days prior to restocking to seek authorisation.

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: 25/05/2022

FHI 059, Version 13	Is	ssued by: FHI	Date of issue: 12/05/2020				
Case No: 2022-0151			Date of visit: 10/05/2022				
Time spent on site:	n	Main I	nspector:				
Site No: FS1269 Business No: FB0119	Site Name: Business Name:	Lochailort Recirculation Mowi Scotland Ltd	n Hatchery				
Case Types: 1 ECS 2	2 CNI 3 VMD	4 5	6				
Water Temp (°C): 15	Thermometer No:	Site	FHI 045 completed N/A				
Observations:	Region: HI	Water type: F	CoGP MA:				
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	· ·	Y If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N					
UNI/REG only - if unable to carry out intended visit detail reason below:							

Currently stocked: Hatchery split into 4 sections, currently 3 sections stocked. 20 tanks in the fry unit, 4 in the Parr Unit and 4 tanks in Smolt Unit 2.

Q3 & Q4 affected by issues with external supplier for feed. This caused mortality, but not above the reporting level. External supplier investigating issue with the feed. No obvious detectable issues with the feed.

Water temperature different across the site. Hatchery 2: 4C, Hatchery 3&4: 6C Fry Unit 14C, Parr and Smolt 1 & 2: 15C, site thermometer used for biosecurity.

Fish samples for VMD, were not in withdrawal at time of sampling. Aquacen and Cress treatments used in the First feed Unit. Current plan: 4th July starting to put out fish to FW loch sites.

Some trays in the hatchery showed a number of failed eggs (these were seen prior to picking), at the time of visit in the process of picking trays in the hatchery. The remaining tanks that were stocked on site fish appeared healthy. Manager remarked that eggs from Ireland in recent years had been of poorer quality, with increased levels of hatch fails.

Paperwork provided 9/5/22-02/06/22.

FHI 059, Version 13			Issu	ued by: FHI			Date of issu	e: 12/05/2020
Case No:	2022-0151]	Site No:	FS1269]			
Date of Visit:		10/05/2022	2		Inspector(s):			ı
Registration/Autho	risation Deta	ails						
1. Business/site deta			site represent	ative?			Y	1
2. Changes made to	•		·				Υ	1
								•
Site Details (includ	le cleaner fis	h for all sect	ions)			_		
		55 tanks +	1		28 tanks +			55 tanks, +
Total No facilities		hatchery	Facilities sto		hatchery	No facilitie	s inspected	hatchery
Species	SAL	SAL	SAL	SAL				
Age group	2022 Q3	2022 Q4	2023 Q1	Ova				
No Fish	1,445,520	2,684,241	3,071,520	15,000				
Mean Fish Wt	20g	1g	0.15g	Ova				
Next Fallow Date (S	•	N/A		Next Input Da	• ' '	Friday		
Recent (last 4 wks)					Any escapes	(since last	visit)?	N
If yes, detail:	Some Fungu	ıs (not causir	ng a lot of mo	rtality)				
Movement Records								
1. Movement record		r inspection?					0.4/4.4/0.004	Y
2. Date of last inspe		() (2				24/11/2021	
3. Are records comp		•		0				Y
4. Are movement re				?				N/A
5. Are records comp		•		L-1-1-0				N/A
6. Are health certific	ates for introd	auctions (outv	vith GB) avail	lable?				1
Transport Records								
1. Are any movemen		t by (or on be	half) of the h	usinoss (not usi	ing a STR\2			
If yes, is there a sys		• '		· ·	•			·
ii yes, is there a sys	terri iri piace i	or maintenan	ice of transpe	ntation records	•			
Mortality Records								
Mortality records a	available for i	nspection?						Y
2. How are mortalities					Incinerated -	on site		
If other detail:	Поросов					0.1. 0.1.0		
3. Mortality records	complete and	correctly ent	ered?					Y
				2022 - 0.2% (5	561): wk17. 20)22 - 0.33%	(9.773): wk 1	16. 2022 -
				707); wk 15, 202	,,		· //	,
); wk17, 2022 -				
			2022 - 0.04	% (596); Hatche	ery (3&4)(Egg:	s to first fee	d): wk 18, 20	22 - 0 (0%);
			wk 17,2022	- 18,012 (0.589	%); wk16, 202	2 - 149,132	(4.60%); wk	15, 2022 - 0
4. Recent mortality ((last 4 wks):		(0%);					
5. Evidence of recer	nt increased/a	typical morta	lities?					Y
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	y/reason:				
Eggs to first feed: w	k16, 2022 - 1	49,132 (4.6%) unviable e	ggs & alvin				
6. Any other peaks i	n mortality du	ring period cl	necked?					Y
	21-27 Febru	ary 2022 6.1′	1% cull due to	o increase of fai	led eggs - rep	orted, howe	ever not requi	red to be
	reported as	t was a cull; v	wk4, 2022: 2.	.75% (46,993) (Fry) vaccination	on - below re	eporting thres	hold
If yes, detail:								
7. Have increased (unexplained)	mortalities be	en reported t	to vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	ality events sh	neet.		N/A

Treatments and Me	edicines Records		
Recent treatments			Y
If yes, detail:	3 (333 331111311)		
,,	Aquacen		
	(Formaldeh		
	yde), Cress		
If other, detail:	(Bronopol)		
2. Medicines records	s available for inspection?		Y
3. Are records comp	plete and correctly entered?		Y
4. Are fish in a withd	rawal period?		Y
5. If yes, what treatn	nent(s)?		
	Aquacen		
	(Formaldeh		
	yde), Cress		
If other, detail:	(Bronopol)		
6. Are medicines sto	red appropriately?		Y
Biosecurity Record			V
_	ds available for inspection?		Y
		ding and safe disposal been considered?	Y
	•	ottish Ministers or veterinary professional of any	V
	ined) mortality at the site been included?		Y
	•	ence or suspicion of the presence of a listed disease	V
	luded and how and when that will be not		Y
		d on the farm site been covered (equal or higher	Y
health status, certific	cation if required)?		
C. Have the hughen	dry and biography magazines implements	ad between each enidemialogical unit to minimine	Y
	•	ed between each epidemiological unit to minimise sitors, equipment, live or dead fish etc.)?	,
		ce to maintain the physical containment of	Y
aquaculture animals	,	e to maintain the physical containment of	,
•	rity procedures been adequately impleme	ented on cite?	Y
If no, detail:	ity procedures been adequately impleme	affled off site :	
II IIO, ucian.			
Results of Surveilla	ance		
	ealth surveillance been carried out by, or	on behalf of, the business?	Y
•	available for inspection?		Y
3. Any significant res	·		N
	etailed under recent disease problems).		
,	·	g hatch morts/fails, unviable eggs and handling.	
	Records checked between:	24/11/2021 - 9/5/22	

	Case no:	2022-01	151	Site No:		FS1269	1		Date of		10/0	05/2022	10/0
				2					Samplin		. 67		. 57
	Priority samples:	VI		ВА		PA		MG		ј н			
	Time sampling starts/ends:	12:0	0:00	14:0	0:00		Inspecto	or:			VMD No	o. 	22
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG	Y	VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
	Pool/Fish No	P1	P2	P3	P4	P5	P6						
	Fish nos	1-5	6-10	11-15	16-20	21-25	25-30	31-67	68-104	105-135	136-165	5	
	Pool Group												
	Species	SAL		SAL	SAL	SAL	SAL	SAL		SAL	SAL		
	Average weight	25g	25g	25g	25g	25g	25g	25g	25g	25g	25g		
	Sex	N/A		N/A	N/A	N/A	N/A	N/A		N/A	N/A		
	Water Type	FW	FW	FW	FW	FW	FW	FW	FW	FW	FW		
		_	_	_		_	_	_	_	=	_		
		8	≶	MOWI	×C	8	$\stackrel{>}{\sim}$	8	≶	8	<u> </u>		1
		- MOWI	- MOWI	Ĭ	- MOWI	- MOWI	- MOWI	- MOWI	- MOWI	- MOWI	Kindrum - MOWI Ireland		
Details			_	- د	_		_		_		<u> </u>		
)et	1	ng <u>r</u>	nd le	rur	l'ur nd	ırı	l'ur nd	ırı	<u>1</u> 1	ırı	<u> </u>		
X		Kindrum Ireland	Kindrum Ireland	Kindrum Ireland	Kindrum Ireland	Kindrum Ireland	Kindrum Ireland	Kindrum Ireland	Kindrum Ireland	Kindrum Ireland	ind		
toc	Stock Origin Facility No	<u> </u>	<u> </u>	<u> 노 =</u> 54	<u> 노 드</u> 54	<u> 오트</u>	<u> 오 드</u> 51	<u> </u>	<u> </u>	<u> 오트</u>	<u> </u>		
S	I domey 140	55	JJ	J 4	J 4	50	JI	55	J4	50	JJ		

Till 000, Versic	11 13						133	ueu by.		
05/2022 Additio	nal Sam	ple Infor	mation:							
6	Total To	ests ass	igned	3	1					
	Total I	0010 400	igrica	U						

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2022-0151		Site No:	FS1269		Insp:	
Date of Visit	10/05/2022		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species	Frequency of movements on from equivalent zone or			9	18	26	Q
•	compartment including third country Number of suppliers			5	10	14	5
Movements off	Frequency of m		1 0	3	6	10	10
Wovernonts on	Number of desi		0		6	10	6
Exposure via water		Site contacts	5 0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	•	0				
susceptible to same diseases)		or in a coastal zone with category In or within 1 tidal excursion	1	2	4		1
uiseases)	Farm is on-line	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
	Farm is on-line	or in a coastal zone with category V					
	farms upstream	n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing 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	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	1			
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		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes			1			0
between sites, use of footbaths etc	No		1				J
CoGP/Regulator							
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total Rank		31 HIGH

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2
Case No: 2022-0151	Site No:	FS1269
Sea Lice Inspection (Seawater Sites Only	v)	
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	licenced in-feed and bath sea lice medications (in as well as access to suitable biological and/or me	ncluding deltamethrin,
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 in6. Do records adequately reflect the require	nspection? (Legal SSI, CoGP Annex 6) ed standard specified in the SSI and the CoGP? ((Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels by 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. s</i> 2 or above (from w/b 10/6/19) during the pe	almonis) numbers per fish been at a level of 3 or period that records are inspected?	above (prior to w/b 10/6/19) or
•	n Health Inspectorate? If no, FHI see comment. ch is considered to cause significant welfare prob	olems? (CoGP 4.3.81, 5.3.50)
	inistered or other actions taken when <i>L. salmonis c. elongatus</i> is considered to have welfare implications.	
11. Has any other action been taken (where	e applicable)?	
•	ons taken had a significant impact upon the lice I	
	ed out in cooperation between participating farms	
14. Is there a harvesting strategy for the sit sea lice?	e, where fewer populations or part populations ar	re held without treatment for
15. Is there a site specific written lice mana scenarios during the escalation of a sea lice	gement procedure with waypoints describing set e infestation?	actions to deal with recognised
16. Do the sea lice levels observed on stoc	ks reflect sea lice count data? If no please detail	reasons.
Containment Inspection		
	nage due to predators in the current or previous p	
Are measures in place to mitigate agains	st the predation experienced on site? (Detail belo	w) Y
If other, detail below:		
Site inside, drain covers, jump screens on t		
•	experienced on or in the vicinity of the site since the	he last FHI inspection?
If Yes proceed with questions 4 – 9. If No s	•	
4. Have these been reported to Scottish Miles		4 17)
	forthwith (where they exist)? (CoGP – 4.4.37, 5. and local fisheries trusts forthwith (where they exist)	
o. Have these seem reported to the Gor Gre	and local higheries additional formalit (where they exi	31): (000) 4.4.37, 0.4.17)
7. Were methods (if any) used to recover e	scapees? If yes give detail	
8. If gill nets were deployed was this action	agreed with local wild fish interests and was per	mission given by Scottish
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)		
What action was taken to prevent and m be considered under satisfactory meas	inimise the risk of further escapes? (Not covered sures of the Act)	in code but could
•	regards to containment? If no, please detail rea	son(s)
,		

Date of issue: 12/05/2020

Site No: FS1269

Case No: 2022-0151

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2022-0151			Date of visit:	10/05/2022			
Site No:	FS1269			Inspector:				
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
MG-VHS	0/6	18/05/2022		18/05/2022		02/06/2022		
MG-IHN	0/6	18/05/2022		18/05/2022		02/06/2022		
Report Summary	I			1				
Case Type	Date	Insp	2 nd Insp					
ECS, CNI, VMD	02/06/2022	·						





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0119 Date of Visit 10/05/2022

SITE No FS1269 SITE NAME Lochailort Recirculation Hatchery

Case No 20220151 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, due to the water temperature being above 14°C, samples were taken to test for the presence of viral haemorrhagic septicaemia virus (VHSV) and infectious haematopoietic necrosis virus (IHNV). The Inspector did not observe any clinical signs associated with the listed diseases as described in the Aquatic Animal Health (Scotland) Regulations 2009.

Samples

30 Atlantic salmon were tested for the presence of viral haemorrhagic septicaemia virus (VHSV) and infectious haematopoietic necrosis virus (IHNV). Samples were collected according to the table below:

Fish number	Pool number	Facility number	Stage	Origin
1-5	1	55	2022 Q3, 20g	Kindrum
6-10	2	55	2022 Q3, 20g	Kindrum
11-15	3	54	2022 Q3, 20g	Kindrum
16-20	4	54	2022 Q3, 20g	Kindrum
21-25	5	50	2022 Q3, 20g	Kindrum
26-30	6	51	2022 Q3, 20g	Kindrum

The samples tested **negative** for IHNV and VHSV.

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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: 02/06/2022
Fish Health Inspector

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

FHI 059, Version 13	I	ssued by: FHI	Date of issue: 12/05/2020			
Case No: 2022-0152			Date of visit: 18/05/2022			
Time spent on site:	hour	Main	Inspector:			
Site No: SS0678 Business No: SB0438	Site Name: Business Name:	Loch Caolisport Sever Ormsary Farmers	ral Order			
Case Types: 1 REG 2	3	4 5	6			
Water Temp (°C):	Thermometer No:		FHI 045 completed			
Observations:	Region: ST	Water type: S	CoGP MA:			
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	·	If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet.				
UNI/REG only - if unable to carry	out intended visit detail	reason below:				

Site not currently actively harvested but still hold several order. No buoys on site or boat or divers operating currently. Samples were collected regularly until about 4 years ago. Unknown boat came onto site and took shells but were unable to prevent despite several order. Unsure of stock numbers. Management in the past has involved removal of predators - mainly star fish. Hope to employ staff who will be able to dive the site in the future and access stock numbers.

Movement book not available but no movement have taken place since last FHI visit.

FHI 059, Version 13	Issued by: FHI			Date	of issue: 12
Case Number:	2022-0152 Site No:	SS067	8		
Date of Visit	18/05/2022 Inspector:				
Number of Susceptib	ole species on site				
If no susceptible spec	ies present = <u>LOW</u> risk				
If susceptible species	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	0
	Susceptible to OsHV (CGI)		0	3	0
Sites within a tidal e	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal				
	excursion	0	2	10	0
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	
	Number of suppliers	0	5	10	
Movements off					
iviovements on	Frequency of movements off within MSS Management Areas	0	1	2	0
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	
	Number of destinations	0	3	6	
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	0
	Depuration of stock from other businesses sites within MSS management area	0	2	6	
	Depuration of stock from sites outwith MSS management area	0	4	8	
Biosecurity	Number of sites	1	2 or 3	≥ 4	
Contacts with other	Sites operating from single shorebase	0	1	2	0
sites	Sites sharing staff and equipment	0	1	5	
			Yes	No	
	Disinfection of equipment between sites, use of footbath	ns etc	0	2	0
			Total		0
			Risk		LOW

Case No:	2022-0152			Date of visit:	18/05/2022	2		
Site No:	SS0678	1		Inspector:				
Results Summary	Freq.	Database	Insp	Phone Da	te of Notifica Insp	tion Writing	Insp	and I
		Dalabase	шэр	i none	шэр	vviitiiig	шэр	2 nd Insp
							-	
							-	
Report Summary Case Type	Date	Inon	ond Lagran					
REG	01/06/2022	Insp	2 nd Insp					
-								





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0438 Date of Visit 18/05/2022

SITE NO SS0678 SITE NAME Loch Caolisport Several Order

CASE No 20220152 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The site operators were visited to discuss the above site, in accordance with 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.

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.qov.scot/publications/fish-health-inspectorate-service-charter/

Date: 01/06/2022

FHI 059, Version 13	Iss	ued by: FHI	Date of issue: 12/05/2020			
Case No: 2022-0156			Date of visit: 18/05/2022			
Time spent on site:	0mins	Main Inspecto	or:			
Site No: FS0595 Business No: FB0095	Site Name: Business Name:	Bay of Cleat (South) Cooke Aquaculture Scotland I	td			
Case Types: 1 REG	2 3	4 5	6			
Water Temp (°C):	Thermometer No:		FHI 045 completed			
Observations:	Region: OR	Water type: S	CoGP MA O-1			
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet.				
UNI/REG only - if unable to carry out intended visit detail reason below:						

No equipment in the water. No future plans to restock/ put equipment back in the water.

Discussed with site operators and paperwork will be completed to inactivate the site.

Previously kept potential broodstock on site but moved in 2020. Last EC inspection conducted in 2017. records were collected c

Inspected by and on 17/05/2022.

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issue	: 12/05/2020
Case No:	2022-0156		Site No:	FS0595				
Date of Visit:		18/05/2022]		Inspector(s):			
Registration/Author	orisation Deta	ails						
1. Business/site det	ails summary	checked by s	ite representa	ative?			Υ	
2. Changes made to	details?						Υ	
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities		0	Facilities sto	cked	0	No facilitie	es inspected	0
Species							T	
Age group								
No Fish								
Mean Fish Wt							 	
Next Fallow Date (S	ite)	n/a		Next Input Da	ite (Site)	n/a		
Recent (last 4 wks)	•	ems?			Any escapes	(since last	visit)?	n/a
If yes, detail:							,	
2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? If yes, is there a system in place for maintenance of transportation records?								Y Y Y N/A
Mortality Records								
1. Mortality records	available for i	nspection?					Γ	N/A
2. How are mortalities	es disposed o	f?			Other (detail)			
If other detail:	mortalities u	ised to be dis	posed in bins	which were co	llected at the	pier in Pier	owall, before be	eing taken
3. Mortality records	complete and	correctly ente	ered?					N/A
4. Recent mortality (last 4 wks): No equipment in the water since 2020								
5. Evidence of recei	nt increased/a	typical mortal	ities?					N/A
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
6. Any other peaks in mortality during period checked?							N/A	
If yes, detail:							13/7	
7. Have increased (unexplained) mortalities been reported to vet or FHI?							N/A	
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	ality events sh	neet.	1	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?						
o. 7 no modifico etc. ou 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.	ase					
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?						
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher						
health status, certification if required)?						
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	2					
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: 09/08/2017-17/05/2022						

Case No:	2022-0156			Date of visit:	18/05/2022			
Site No:	FS0595	1		Inspector:				
One 140.	1 00000			пізрескої.				
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	-							
	i e							
	 							
	†							
Report Summary				1				
Case Type	Date	Insp	2 nd Insp	1				
REG	26/05/2022		2 1110					
	-							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0095 Date of Visit 17/05/2022

SITE NO FS0595 SITE NAME Bay of Cleat (South)
CASE NO 20220156 INSPECTOR

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

On this occasion, the site was found to be fallow, with no equipment visible in the water. There are no immediate plans to restock the site and the site will be inactivated as a result.

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

Signed:

Fish Health Inspector

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

Date: 26/05/2022

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2022-0157			Date of visit: 18/05/2022			
Time spent on site:	hr	Main Inspecto	or:			
Site No: SS0185 Business No: SB0121	Site Name: Business Name:	Bay of Skaill Orkney Oysters				
Case Types: 1 ECI 2	3	4 5	6			
Water Temp (°C): 9.7	Thermometer No:	T308	FHI 045 completed			
Observations:	Region: OR	Water type: S	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 detai	l reason below:				

Site has not had any movements off site since 2018.

Site is supplied by hatchery in Guernsey. Spat size that arrives on site is classed as T7. Site plans to harvest oysters at 70-100g.

The site is divided into trestles tables that hold smaller grades and trestles tables that are at harvest size. 2022 will be the year that site will potentially harvests its first marketable stock.

Due to location, most of the mortality is linked to poor weather, where trestles tables are often overturned and bags get buried in the sand.

Site and paperwork inspected by on 17/05/2022, supervised by

FHI 059, Version 13		_	Issu	ed by: FHI	_	Г	Date of issue:	12/05/2020
Case No:	2022-0157		Site No:	SS0185				
Date of Visit:		18/05/2022]		Inspector(s):			
Registration/Author	orisation Deta	ils				_		
1. Business/site det	_	checked by s	ite representa	ative?			Y	
2. Changes made to	o details?					1	V	
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities			Facilities sto	cked	170 trestles	No facilities	inspected T	170
Species	CGI							
Age group	2018							
No Fish	1,500,000							
Mean Fish Wt	70g							
Next Fallow Date (S		ongoing		Next Input Da	ite (Site)	Aug 2022 or	2023	
Recent (last 4 wks)	disease proble	ems?		N	Any escapes	(since last vis	sit)?	N
If yes, detail:						•	•	
1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? If yes, is there a system in place for maintenance of transportation records?								Y N/A N/A N/A
Mortality Records							_	
1. Mortality records		•						Y
2. How are mortalities disposed of? Other (detail)								
If other detail:	shells are dis			ertidal zone				
Mortality records complete and correctly entered?							Y	
4. Recent mortality (last 4 wks): 13/05/2022: 1 bag (undersized)								
Evidence of recent increased/atypical mortalities?						N		
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
C A th l								NI.
6. Any other peaks in mortality during period checked?							N	
If yes, detail:							N/A	
7. Have increased (unexplained) mortalities been reported to vet or FHI? If yes, detail action:							IN/A	
	ente' boon ro	ported to EUI	2 If no onter	details on mort	ality evente el	neet .		N/A
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.						IN/A		

Treatments and Medicines Records	
1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
	V
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.)?	V
7. Is documentation available regarding the measures in place to maintain the physical containment of	'
aquaculture animals held on site?	V
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	
II flo, detail.	
Results of Surveillance	
Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
ii yes, detaii (ii not detailed diddei resent disease prosients).	
Records checked between: 14/08/2018-17/05/2022	

rni 059, version 15	issued by. Fill			Date	or issue. 12
Case Number:	2022-0157 Site No:	SS018	5		
Date of ∀isit	18/05/2022 Inspector:				
Number of Susceptil	ole species on site				
	ies present = <u>LOW</u> risk				
If susceptible species	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	0
	Susceptible to OsHV (CGI)		0	3	3
Sites within a tidal e	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal excursion	0	2	10	0
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	5
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	5
Movements off					
movemente en	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	0
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	0
	Number of destinations	0	3	6	0
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	1
	Depuration of stock from other businesses sites within MSS management area	0	2	6	0
			_		_
	Depuration of stock from sites outwith MSS management area	_	4	8	0
Biosecurity				≥ 4	
Contacts with other	Number of sites Sites operating from single shorebase	1 0	4	≥ 4 2	
	area Number of sites	0	4 2 or 3	≥ 4	
Contacts with other	Number of sites Sites operating from single shorebase	1 0	4 2 or 3	≥ 4 2	
Contacts with other	Number of sites Sites operating from single shorebase	0 1 0 0	4 2 or 3 1	≥4 2 5	
Contacts with other	Number of sites Sites operating from single shorebase Sites sharing staff and equipment	0 1 0 0	4 2 or 3 1 1 Yes	≥ 4 2 5 No	0 0
Contacts with other	Number of sites Sites operating from single shorebase Sites sharing staff and equipment	0 1 0 0	4 2 or 3 1 1 Yes	≥ 4 2 5 No	0 0

Case No:	2022-0157			Date of visit:	18/05/2022			
Otto No.	000405							
Site No:	SS0185			Inspector:				
Results Summary	Freq.			Dat	te of Notificat	tion		
results cultillary	r req.	Database	Insp		Insp	Writing	Insp	2 nd Insp
								2 11130
	-							
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	26/05/2022							





SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0121 DATE OF VISIT 17/05/2022
SITE NO SS0185 SITE NAME Bay of Skaill

CASE NO 20220157 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

Signed:

Fish Health Inspector

Date: 26/05/2022

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

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2022-0161			Date of visit: 24/05/2022			
Time spent on site: 3.5	hrs	Main Inspecto	r:			
	Site Name: Business Name:	Maaey The Scottish Salmon Company	,			
Case Types: 1 ECI 2	CNA 3 SLI	4 VMD 5	6			
Water Temp (°C): 10.3	Thermometer No:	T307	FHI 045 completed			
Observations:	Region: WI	Water type: S	CoGP MA W-15			
Dead/weak/abnormally behaving fix 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 o	ut intended visit detai	I reason below:				

Remote inspection on 19/05/2022.

The site experiences a challenge with Caligus during the summer, managed with Slice at input and freshwater treatments are now also available since last summer. Adult female counts are currently 0 but the site has been above 2 in previous cycles - this data was shared with the FHI at the time.

Wild caught wrasse from Scotland.

During the site inspection, the main population of fish looked healthy and feeding well, with no moribunds or dead fish seen in the pens. The fish sampled for the VMD had small numbers of Caligus present, but the site is aware and currently treating with Slice. No gross pathology observed.

FHI 059, Version 13			Issu	ıed by: FHI			Date of issu	ue: 12/05/2020
Case No:	2022-0161		Site No:	FS1315	<i>i</i>]			
Date of Visit:		24/05/2022	2		Inspector(s	s):		
Registration/Autho	risation Det	ails						
1. Business/site deta	ails summary	checked by	site representa	ative?			Y	
2. Changes made to	details?						Υ	j
Site Details (includ	e cleaner fis	sh for all sec	tions)					
Total No facilities		16	Facilities sto	cked	15	No facilitie	es inspected	16
Species	SAL	WRA					T	
Age group	Q2 2022	Wild						
No Fish	643,790	223						
Mean Fish Wt	220g	150g						
Next Fallow Date (S		September :	2023	Next Input Da	ate (Site)	March 202	24	
Recent (last 4 wks)	•	•	2020		_ ` '	es (since last		N
If yes, detail:	alocado pros.	icino.			Arry Codap C	53 (511105 1431	violej :	
Movement Records								
1. Movement records		or inspection?						Y
2. Date of last inspec	ction:						27/06/2019	
3. Are records comp	lete and corr	ectly entered	?					Y
4. Are movement red	cords availab	ole for dead fi	sh and waste?					Y
5. Are records comp	lete and corr	rectly entered	?					Y
6. Are health certification		•		able?				N/A
Transport Records								
1. Are any movemen		it by (or on be	ehalf) of the bu	isiness (not us	ing a STB)?	,		Y
If yes, is there a syst					-			Ý
11 you, 13 thoro a oyo.	em in place .	101 mamena	ice of transpor	rtation records				
Mortality Records	- Table for							V
1. Mortality records a					130			1
2. How are mortalitie					Other (deta	ail)		
If other detail:	Whiteshore	cockles.						
3. Mortality records of	complete and	d correctly en	tered?					Y
			Week 16 20	22: 2,211 (0.34	4%), week 1	7: 2,258 (0.3	5%), week 18	: 544
			(0.08%), we	ek 19: 327 (0.0)5%). Wrass	se input week	19, no morta	lities so far.
4. Recent mortality (last 4 wks):							
5. Evidence of recen	nt increased/a	atypical morta	alities?					N
If yes, facility nos/no		* *		/reason:				
C. Any other peaks i		i	l- a alca dO					V
6. Any other peaks in		<u> </u>						'
			om previous cy		n reported to	o the FHI.		81/6
7. Have increased (d	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 FH	I? If no, enter	details on mor	tality events	sheet.		Y

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Treetments and Madisines Decords		

Treatments and Medicines Records	
1. Recent treatments (see comment)?	Y
T.M.S.,	
If yes, detail: Slice	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)? T.M.S., Slice	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	-
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	-
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	•
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	N
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 27/06/2019 - 19/05/2022	

ГГ	HI 059, Version 13							ISS	ued by: F	ПІ			
	Case no:	2022-01	161	Site No:		FS1315			Date of vi		24/0	5/2022	24/(
	Priority samples:	VI		ВА		PA		MG	Sampling	НІ	\blacksquare		
	Time sampling starts/ends:	14:0	0:00	15:0	0:00		Inspecto	or:			VMD No	. [24
	Environmental conditions:	1	Indoors	2		3		4		5	\Box		
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-6	7-12	13-18	19-24								
	Pool Group												
	Species	SAL	SAL	SAL	SAL								
	Average weight	220g	220g	220g	220g								
	Sex	N/A		N/A	N/A								
	Water Type	SW	SW	SW	SW								
Stock Details	Stock Origin Facility No	Loch A'Clachan	o Kinlochmoidart Hatchery	ک Loch Langavat	Ormsary Smolt Unit								
O)	,	•		12	. 5								

05/2022	Addition	nal Sam	ple Infor	mation:							
	Fish kil	led by pe	ercussiv	e blow to	o the he	ad.					
						_					
0		Total To	ests ass	igned	0						

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2022-0161		Site No:	FS1315		Insp:	
Date of Visit	24/05/2022		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of mo	vements on from equivalent MS	C	5	10	14	0
with GB) of susceptible species		vements on from equivalent zone or			10	26	0
species	Number of suppli	luding third country	0			14	0
.			1 0			10	10
Movements off	Frequency of mo Number of destin		0			10	3
Exposure via water	Indiliber of destin	Site contacts					
Water contacts with other	Farm is protected	d (secure water supply through					
farms (holding species	disinfection or bo	,	C)			
susceptible to same diseases)		r in a coastal zone with category I or within 1 tidal excursion	1	2	4		2
alcoaddd)	Farm is on-line o	r in a coastal zone with category III or within 1 tidal excursion	1	3			
	Farm is on-line o	r in a coastal zone with category V					
	farms upstream of	or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing p	lant discharging into adjacent waters	0	1	2		0
On farm processing within	No on farm proce	essing	0				0
the rules of the directive	Processing own f	ish (re-cycling risk)	1	1			
	Processing fish fi	rom MS of equivalent status	2				
	Processing fish fi equivalent status	rom zone or compartment of	4				
	_	rom Category III farm	8				
	Processing fish fi	rom Category V farm	10				
Disposal of fish and fish by-	Site's own waste	only processed.	0				
products	Common process	ses with other farms	3	5			3
	Collection point for	or waste from other farms	5	5			
Use of unpasteurised feeds	No feeding of un	pasteurised feed	0	-]			0
·	Feeding unpaste		5	5			
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating fr	om single shorebase	C	1	2		2
	Sites sharing stat	ff and equipment	C	1	2		2
Disinfection of equipment	Yes		0	1			0
between sites, use of	No		1	1			
footbaths etc CoGP/Regulator				J			
Practices in accordance	Yes]			0
with regulator or industry	No		0	4			0
code of practice	110		3	1			
Platform access to cages	Yes		0	1			0
	No		2				
					Tatal		0.0
					Total Rank		MEDIUM

Case No:	2022-0161	Site No: FS1315	
Sea Lies Increation (Sooweter Sites Only		
Sea Lice Inspection (s in the previous 4 years?	N
· ·	·	equivalent) fallowed synchronously on a single year class basis?	Y
	,	cenced in-feed and bath sea lice medications (including deltamethrin,	Y
azamethiphos and ema and can these be deplo	•	well as access to suitable biological and/or mechanical control measures, period of time?	
4. Is there a signed doo Management Area (or e		gement agreement or statement relevant to the site and CoGP Farm	Υ
5. Are sea lice count re	cords available for ins	spection? (Legal SSI, CoGP Annex 6)	Υ
6. Do records adequate	ely reflect the required	I standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	Υ
7. Are sea lice (<i>L. salm</i> records are inspected?		elow the suggested criteria for treatment in the CoGP during the period that	N
		<i>Imonis</i>) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or iod that records are inspected?	Υ
If yes, have these been	reported to the Fish	Health Inspectorate? If no, FHI see comment.	Υ
9. Is C. elongatus infes	station at a level which	n is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	N
		sistered or other actions taken when <i>L. salmonis levels</i> have exceeded the <i>elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	Υ
11. Has any other action	n been taken (where	applicable)?	N/A
12. Have therapeutic tr	eatments or the action	ns taken had a significant impact upon the lice levels recorded?	Υ
		d out in cooperation between participating farms?	Υ
14. Is there a harvestin sea lice?	g strategy for the site	, where fewer populations or part populations are held without treatment for	N
		ement procedure with waypoints describing set actions to deal with of a sea lice infestation?	Υ
16. Do the sea lice leve	els observed on stock	s reflect sea lice count data? If no please detail reasons.	Υ
Containment Inspecti	on		
1. Has the site experier	nced equipment dama	age due to predators in the current or previous production cycles?	
2. Are measures in place	ce to mitigate against	the predation experienced on site? (Detail below)	
If other, detail below:			
·		perienced on or in the vicinity of the site since the last FHI inspection?	N
If Yes proceed with que 4. Have these been rep			
•		orthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	
•		nd local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if an	y) used to recover es	capees? If yes give detail	
0.16.30	1 11 11		
8. If gill nets were deplo Ministers? (Legal, CoG		greed with local wild fish interests and was permission given by Scottish	
, -		nimise the risk of further escapes? (Not covered in code but could	
be considered under	r satisfactory measu	res of the Act)	
10. Is the site inspected	d as satisfactory with	regards to containment? If no, please detail reason(s)	

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Date of issue: 12/05/2020

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0161	Site No: FS1315	
Date of Visit: 24/05/2022	Inspector:	
	<u> </u>	
Point of Compliance		
Is the farm under inspection located was a second control of the farm		Υ
If N, no further questions require comple	ition.	
	Management Agreements and Statement	
	ement or statement (FMAg/S) been prepar	ed?
Is the current FMAg/S available for instance the current forms.Does the FMAg/S identify the relevant	•	Y
 Does the FMAg/S identify the fish farm 	•	<u>.</u> Y
•	commencement of the agreement or staten	nent?
7. Does the FMAg/S identify the date of	review?	N
Arrangements for Fish Health Manage		
8. Does the FMAg/S identify the minimul farm?	m health standards for the stocks to be intro	oduced to the area or Y
	tion requirements for stocks held in the are	a or farm?
	s of fish which may be stocked into the are	
11. Does the FMAg/S identify the maximing individual farm?	num stocking density of any pen on any farn	n in the area or the
12. Does the FMAg/S identify the arrang farm in the area or the individual farm?	ements for the storage and disposal of any	dead fish from any fish Y
Arrangements for The Management o	f Sea Lice	
	ents for the sharing of data on sea lice num	bers and treatments?
14. Does the FMAg/S identify the availab	oility and the use of medicines on farms cov	vered by the agreement Y
	ements for the sensitivity testing of available	e treatments for sea
lice on farms in the area or individual far	ms?	
	stances under which biological controls and	
used on farms in the area or individual fa		
17. Does the FMAg/S Identify the arrang	ements for synchronous treatments on farr	ns within the area?
Live Fish Movements		V
18. Does the FMAg/S identify the circum area or farm?	stances when live fish may be introduced o	or removed from the Y d off sites in the area
19. Does the FMAg/S identify the arrang or individual farms?	ements for the movement of live fish on an	d off sites in the area

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify accepta	ble harvest practices on farms in the area or ind	iividual farms?
Fallowing 21. Does the FMAg/S identify the date date when a farm or area may be res	es by which the area or individual farm will be fall	
	r one or more year classes may be stocked onto	sites covered by the Y
 Does the FMAg/S identify whethe covered by the agreement or statement 	r broodstock or potential broodstock are to be ke nt?	pt on any site
Point of Compliance for Farm Mana 24. Does the farm management agre- parties to the agreement?	agement Agreements Only ement include arrangements for persons to beco	ome, or cease to be, N/A
Management and operation 25. Is the fish farm being managed ar 26. What is the version no/date of iss	nd operated in accordance with the agreement or ue of the FMAg/S? 01/01/2022	r statement?

Case No: 2022-0161 Site No:

o: FS1315

Date of visit: 24/05/2022 Inspector(s):

Point of compliance	Risk level	Satisfactory?	Requirement		Comments and advice given or action taken if necessary
ENHANCED CONTAINMENT INSPECTION (SEAWATER)					
a. Enquiry relating to i) escape incidents and ii) contingency pro	ocedures				
1.1. Have escape incidents or events ¹ been experienced on or in the vicinity of the site since the last MSS inspection? If yes answer 1.2-1.8:)	N			
1.2. Have appropriate reports been made to Scottish Government within 24 hours of discovery?	High		AAAH Regs ⁴	31D,E	
1.3. Have these been reported to the SSPO ² and, where in existence, the local DSFB and fisheries trust? 1.4. Were methods (if any) used to recover escapees?	Medium		CoGP 4.4.37,	5.4.17	
If yes give detail 1.5 Was the decision to attempt to recapture and the method	Low		CoGP 4.4.38,	5.4.18	
employed agreed with the local DSFB and FT 1.6. Was permission sought from Marine Scotland prior to recapture?	Medium		CoGP 4.4.38,	5.4.18	
1.7 Were the gill nets deployed in accordance with the permission issued by Marine Scotland?	Low		CoGP 4.4.38,	5.4.18	
1.8. In light of the escape event, has appropriate action been taken to prevent and minimise the risk of further escapes?	High				
1.9. Is there a site specific contingency plan in response to failures in containment, aimed at preventing escapes and recovering escaped fish?	High	Y	SSI, 2,9		
b(i). Inspection of records relating to equipment, facilities and	the site				
General records 2.1 With regard to each facility, net, screen and mooring at each site, a record should be maintained of:-			CoGP: 4.4.9, SSI 2,1	4.4.14,	
a) The name of the manufacturer	Low	Facilities	Moorings	Nets Y	
b) Any special adaptations	Low	N/A	r N/A	Y	SealPro nets and jump net to stop seals to go over hand rails.
c) The name of the supplier	Low	Y	Υ	Υ	, , , , , , , , , , , , , , , , , , ,
d) The date of purchase	Low	Υ	Υ	Υ	
e) Each inspection including	Low	V	V	V	
i) the name of the person conducting the inspection ii) the date of each inspection	Low Medium	Y	Y	Y	
iii) the place of each inspection	Low	Y	Y	Y	

Point of compliance	Risk level	Satisfactory?	Requirement		Comments and advice given or action taken if necessary
iv) the outcome of each inspection	High	Υ	Y	Υ	
f) the date and result of each repair, equipment test and antifouling		Υ	Υ	Υ	
treatment carried out					
2.2. In relation to each net a record of:					
i) The mesh size	Medium	Υ	SSI, 2,2		
ii) The code which appears on the identification tag	Medium	Υ			
iii) The place of use, storage and disposal	Medium	Υ			
iv) The depth of water between the bottom of the net and the	Low	Υ			
seabed as measured at the mean low water spring					
2.3. In relation to each facility a record of:					
i) The date of construction	Low	Υ	SSI, 2,3		
ii) The material used in construction	Low	Υ			
iii) Its dimensions	Low	Υ			
2.4. In relation to each mooring a record of-			SSI, 2,4		
i) The date of installation	Low	Υ			
ii) The design and weight of the anchors	Low	Υ			
iii) The length of the mooring ropes or chains	Low	Υ			
2.5. A record of any navigation markers deployed at each site at	Low	Υ	SSI, 2,5		
which fish are farmed					
2.6 In respect of sites at which fish are farmed in inland waters ³			SSI, 2,6		
a) The type, method of and date of construction of any flood	Low	N/A			
prevention or flood defence measures in place		N1/A			
b) The date of and results of any tests conducted on any such measures	Low	N/A			
c) The date of any incident where the site was flood	Low	N/A			
d) The water course height during any such flood incident	Low	N/A			
2.7 A record of-			SSI, 2,7		
a) The date of any severe weather event which caused damage	Medium	N/A	SSI, 2,11 (a)		
to any facility, net or mooring			, , , , ,		
b) Any action taken to rectify any such damage	High	N/A	SSI, 2,11 (b)		
Pen and mooring systems					
2.8 Are there documented procedures maintained regarding the	High	Υ	CoGP 4.4.8, 4.4	.13	
selection and installation of pens and moorings?					
2.9 Can the site demonstrate evidence that the design specification	High	Υ	CoGP 4.4.9, 4.4	.14	
of pens and moorings are suitable for purpose and correctly					
installed? 2.10 Do pen systems meet the manufacturers guidelines?	High	Y	CoGP 4.4.10		
2.11 Are pen systems inspected and approved by suitably qualified /	High	Y	CoGP 4.4.11		
experienced person(s)?	9.1		3331 1.1.11		
2.12 Is there evidence of the competence of personnel involved in	High	Υ	CoGP 4.4.12, 4.	4.15	
the design, installation and maintenance of pen and mooring					
systems?					

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
2.13 Are pen and mooring components inspected with	High	Υ	CoGP 4.4.16	
a) a documented SOP				
b) a documented inspection plan based on a risk assessment				
2.14 Do all nets used on site meet industry standards?	High	Υ	CoGP 4.4.17	
2.15 Can the site demonstrate an awareness of the minimum fish size in relation to net size	High	Υ	CoGP 4.4.19	
2.16 Does the net design, quality and standard of manufacture take into account the conditions that are likely to be experienced on site and include adequate safety margins?	High	Y	CoGP 4.4.20	
2.17 Are nets treated with a UV inhibitor?	Low	N	CoGP 4.4.21	Site informed that the COGP reccomends that nets should be treated with UV inhibitor and stored away from direct sunlight when not in use, to minimise deterioration in strength.
2.18 Are nets tested at a pre-determined frequency?	High	Υ	CoGP 4.4.22	not in 300, to minimize deterioration in oriengui.
2.19 Is the method of test procedure based upon the manufacturers advice?	_	Υ	CoGP 4.4.22	
2.20 Are frequent net inspections conducted to look for damage?	High	Y	CoGP 4.4.23	
2.21 Are net inspection records maintained?	High	Y	CoGP 4.4.23	
2.22 Is the system by which nets are attached to the pen and weighted inspected frequently?	High	Υ	CoGP 4.4.24	
tweromeo adspecied frequentity?				
weighted inspected frequently?2.23 Where damage to nets and/or associated fittings has occurred or the potential for damage exists, has remedial action been taken?	, High	Y	CoGP 4.4.25	
2.23 Where damage to nets and/or associated fittings has occurred	, High	Y	CoGP 4.4.25	
2.23 Where damage to nets and/or associated fittings has occurred or the potential for damage exists, has remedial action been taken?	High	Y	CoGP 4.4.25	
 2.23 Where damage to nets and/or associated fittings has occurred or the potential for damage exists, has remedial action been taken? b(ii). Inspection of records relating to training 3.1 Are training programmes and plans relevant to the various onsite activities documented? 3.2 Is there a satisfactory record of all training and qualifications for each person working at the site in relation to any boat operations? 	High	Y Y Y		
 2.23 Where damage to nets and/or associated fittings has occurred or the potential for damage exists, has remedial action been taken? b(ii). Inspection of records relating to training 3.1 Are training programmes and plans relevant to the various onsite activities documented? 3.2 Is there a satisfactory record of all training and qualifications for 	High	Y Y Y	CoGP 7.1.8	
2.23 Where damage to nets and/or associated fittings has occurred or the potential for damage exists, has remedial action been taken? b(ii). Inspection of records relating to training 3.1 Are training programmes and plans relevant to the various onsite activities documented? 3.2 Is there a satisfactory record of all training and qualifications for each person working at the site in relation to any boat operations? (This excludes well boat operations) 3.5 With respect to any transfer of or handling of fish is there a record of all training of each person working on site in relation to containment and prevention of escape of fish, and recovery of	High High	Y Y Y	CoGP 7.1.8 SSI 2,6,a	
2.23 Where damage to nets and/or associated fittings has occurred or the potential for damage exists, has remedial action been taken? b(ii). Inspection of records relating to training 3.1 Are training programmes and plans relevant to the various onsite activities documented? 3.2 Is there a satisfactory record of all training and qualifications for each person working at the site in relation to any boat operations? (This excludes well boat operations) 3.5 With respect to any transfer of or handling of fish is there a record of all training of each person working on site in relation to containment and prevention of escape of fish, and recovery of	High High High	Y Y Y	CoGP 7.1.8 SSI 2,6,a	
2.23 Where damage to nets and/or associated fittings has occurred or the potential for damage exists, has remedial action been taken? b(ii). Inspection of records relating to training 3.1 Are training programmes and plans relevant to the various onsite activities documented? 3.2 Is there a satisfactory record of all training and qualifications for each person working at the site in relation to any boat operations? (This excludes well boat operations) 3.5 With respect to any transfer of or handling of fish is there a record of all training of each person working on site in relation to containment and prevention of escape of fish, and recovery of escaped fish? b(iii). Inspection of records relating to procedures and risk associated fish escaping	High High High High	Y Y Y	CoGP 7.1.8 SSI 2,6,a	
2.23 Where damage to nets and/or associated fittings has occurred or the potential for damage exists, has remedial action been taken? b(ii). Inspection of records relating to training 3.1 Are training programmes and plans relevant to the various onsite activities documented? 3.2 Is there a satisfactory record of all training and qualifications for each person working at the site in relation to any boat operations? (This excludes well boat operations) 3.5 With respect to any transfer of or handling of fish is there a record of all training of each person working on site in relation to containment and prevention of escape of fish, and recovery of escaped fish? b(iii). Inspection of records relating to procedures and risk associated to be carefully planned and supervised to minimise risk?	High High High High	Y Y Y	CoGP 7.1.8 SSI 2,6,a SSI 2,7,a CoGP 4.4.29, 5.4.12	
2.23 Where damage to nets and/or associated fittings has occurred or the potential for damage exists, has remedial action been taken? b(ii). Inspection of records relating to training 3.1 Are training programmes and plans relevant to the various onsite activities documented? 3.2 Is there a satisfactory record of all training and qualifications for each person working at the site in relation to any boat operations? (This excludes well boat operations) 3.5 With respect to any transfer of or handling of fish is there a record of all training of each person working on site in relation to containment and prevention of escape of fish, and recovery of escaped fish? b(iii). Inspection of records relating to procedures and risk associated fish escaping	High High High High	Y Y Y	CoGP 7.1.8 SSI 2,6,a SSI 2,7,a	

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
b) standard operating procedures	High	Υ		
c) contingency plan	High	Υ		
4.3 In relation to any boat operations at each site at which fish are farmed is there a record of				
-The type and size of each boat used for operations on the site	Low	Υ	SSI 2,6,b	
- The type and size of any propeller guard fitted to each boat used on the site	Low	N/A	SSI 2,6,c	No prop guards used on site.
4.4 Does the site suffer from regular or heavy predation?		N		
4.5 Are there records of site specific risk assessments ascertaining the risk of predator attack?	Medium	Y	CoGP 4.4.26	
4.6 Are there risk assessments undertaken on a pre-determined frequency?	Low	Y	CoGP 4.4.26	
4.7 A record of any anti-predator measures undertaken at each site at which fish are farmed including:			SSI, 2,8,a	
The type and location of each net, fence and scarer deployed	Medium	Y	1	
- The use of lethal means by any person involved in operations on the site	Low	N/A	SSI, 2,8,b	
4.8 Where predator nets are deployed is the advice of Annex 7 considered?	Low	Υ	CoGP 4.4.27	
c. Inspection of site and site equipment				
5.1 Are there any obvious containment issues on the site?	High	N		
5.2 Is the net mesh size considered to be capable of containing all fish sizes present on site?	High	Y	CoGP 4.4.18	

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
5.3 Do nets carry numbered ID tags?	Low	Υ	SSI 2,2 ii	
Look at a percentage of nets on site - Does the net location meet	Low	Υ		
the inventory?				
5.4 Are nets stored away from direct sunlight?	Low	Υ	CoGP 4.4.21	
5.6 Are appropriate measures in place to mitigate predation on site? (Provide detail if necessary)		Υ		Sealpro nets, top nets, jump nets, seal blinds.
5.7 Are boat operations conducted in such a manner which prevents damage to nets and pens?	High	Υ	CoGP 4.4.28	
5.8 Is there a requirement for navigation markers to be deployed?	Low	Υ	MSA ⁵ 2010 P4, S21	
5.9 If yes, has this been done in accordance with the necessary requirements?	Low	Y	MS Marine licence	
5.10 If Yes to 5.8 is there a record of any navigation markers deployed?	Low	Y	SSI 2,5	
d. Inspection of site specific procedures				
6.1 Are pen nets examined for holes, tears or damage prior to and during the stocking, moving or crowding of fish?	High	Υ	CoGP 4.4.31	
6.2 If helicopter transfer of fish is conducted are receiving pen(s) properly prepared:-			CoGP 4.4.32	
a) nets should be secure	High	N/A		
b) pens should be marked with buoys clearly visible from the air	High	N/A		
c) radio contact between farm staff and helicopter crew should be maintained or where this is not possible, pens receiving fish should be manned	High	N/A	CoGP 4.4.33	
Consideration should be given to all other site procedures being undertaken during the visit with respect to containment and the risk of fish farm escapes				

Point of compliance	Risk level	Satisfactory? Requirement	Comments and advice given or action taken if necessary
Additional actions	Powers		Comments and advice given or action taken if necessary
a) Callastian of complex			
e) Collection of samples			
If necessary collect samples. Indicate if samples have been taken	Power grant	ed under the Act – section 5 (3) (a)	
and detail what those samples are and the purpose of their			
collection			
h) Enforcement Notice.			
If an enforcement notice has been issued then maintain a copy /	Power grant	ed under the Act – Section 6 (2)	
duplicate and record detail			
Guidance on completing the Enforcement Notice			

1 An 'escape event' can be defined as any circumstances on or in the vicinity of a fish farm which are believed to have caused an escape, or which may have given rise to a significant risk of an escape of fish.

2 FHI interpretation – Informing the SSPO is only a requirement where the site belongs to an Authorised Production Business which is signed up to the CoGP.

- 3 being waters which do not form part of the sea or any creek, bay or estuary or of any river as far as the tide flows
- 4 The Aquatic Animal Health (Scotland) Regulations 2009 (as amended)
- 5 The Marine Scotland Act 2010

Case No:	2022-0161			Date of visit:	24/05/2022	2		
Site No:	FS1315			Inspector:				
One ivo.	1 0 10 10			тізресіог.				
Results Summary	Freq.	D			te of Notifica	ition		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
			-					
	1							
	Ì							
Report Summary			nd					
Case Type	Date	Insp	2 nd Insp					
ECI, SLI, VMD CNA	31/05/2022 06/06/2022							
Case completion	16/06/2022							
Case completion	10/00/2022							





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0169Date of Visit24/05/2022Site NoFS1315Site NameMaaey

CASE No 20220161 INSPECTOR

An enhanced inspection to ascertain the risk of escape from the fish farm was conducted in accordance with the Aquaculture and Fisheries (Scotland) Act 2007.

The visit consisted of an inspection of facilities, records and the provision of advice.

a) Inspection of i) escape incidents and ii) contingency procedures

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

b)i) Inspection of records relating to equipment, facilities and the site

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

b)ii) Inspection of records relating to training

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

b)iii) Inspection of records relating to procedures and risk assessments

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

c) Inspection of site and site equipment

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

d) Inspection of site specific procedures

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

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 www.gov.scot/Topics/marine/Fish-Shellfish/FHl/charter





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0169
 Date of Visit
 24/05/2022

 Site No
 FS1315
 Site Name
 Maaey

 Case No
 20220161
 Inspector

Case completion report

Recommendations in relation to the above case were made for implementation by the 1st of July 2022. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

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

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

Signed:

Fish Health Inspector

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

Date: 16/06/2022





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0169
 Date of Visit
 24/05/2022

 Site No
 FS1315
 Site Name
 Maaey

 Case No
 20220161
 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.

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 escapes.

An enhanced containment inspection was conducted. A separate report will be issued in due course.

On this occasion recommendations were issued in relation to sea lice records and the farm management statement:

- The site did not have a harvesting strategy where fewer populations or part populations are held without treatment for sea lice;
- The farm management agreement/statement was inspected and found to be inadequately maintained. Please see the attached annex detailing the points that must be addressed.

Please ensure that these points have been addressed by the 1st of July 2022. Records or documentation demonstrating that these points have been addressed should be sent to the Fish Health Inspectorate (contact details below). The site may be subject to further inspection or enforcement action should the appropriate action regarding the above points not be taken within the time period stipulated.

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

Signed:

Fish Health Inspector

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: 31/05/2022

Annex - The Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

• The statement or agreement must identify the date of review (farm management agreements or statements must be reviewed at least every two years).

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

FHI 059, Version 13	Issu	ied by: FHI	Date of issue: 12/05/2020				
Case No: 2022-0162			Date of visit: 24/05/2022				
Time spent on site:	5hrs	Main Inspecto	or:				
Site No: FS1304 Business No: FB0169	Site Name: Business Name:	Maragay Mor The Scottish Salmon Company	у				
Case Types: 1 ECI 2	2 CNA 3 SLI	4 VMD 5	6				
Water Temp (°C): 10.4	Thermometer No:	T307	FHI 045 completed				
Observations:	Region: WI	Water type: S	CoGP MA W-15				
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet.							
UNI/REG only - if unable to carry out intended visit detail reason below:							

Additional Case Information:

Remote inspection carried out 19/05/2022.

The site experiences a challenge with Caligus during the summer, managed with Slice at input and freshwater treatments are now also available since last summer. Adult female counts are currently 0 but the site has been above 2 in previous cycles - this data was shared with the FHI at the time.

During the site inspection no moribund or dead fish were observed, with the main population of fish in the pens looking healthy and with a good feeding response. The fish sampled for the VMD also looked healthy internally and externally, with very low numbers of Caligus observed. The site is currently treating with Slice to address this issue.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	ıe: 12/05/2020
Case No: 2	2022-0162		Site No:	FS1304				
		= 1/25/2200	1		(-, (-)			
Date of Visit:		24/05/2022			Inspector(s):			
Registration/Authoris	sation Detai	ils						
1. Business/site details			ite representa	ative?			Y	1
2. Changes made to d	•						Υ	
Site Details (include						The Constitution		-20
Total No facilities		10	Facilities stoo	cked	10	No facilitie	es inspected	10
_	SAL							
	Q2 2022							
	\$19,150							
	150g							
Next Fallow Date (Site	,	September 2	.023	Next Input Da		March 202		
Recent (last 4 wks) dis					Any escapes	,	visit)?	Y
If yes, detail:	/ISe190721S	AL1 - 19/07/	2021 Hole in	net caused by	seal, no fish e	escaped.		
Manager Pagarde								
Movement records	-ilabla for	i andian?						
1. Movement records a		Inspections					07/00/0010	<u> </u>
2. Date of last inspecti							27/06/2019	V
3. Are records comple								1 V
4. Are movement reco								Y
5. Are records comple		-						7 1/0
6. Are health certificate	es for introdu	uctions (outw	ith GB) availa	ible?				N/A
Transport Records								
1. Are any movements	s carried out	by (or on bel	half) of the by	isiness (not us	ing a STB)?			Y
If yes, is there a system					-			Y
11 you, 10 thoro a 5,0to.	III III piase	T THUITTONS	of transport	lation 1000. LE				
Mortality Records								
1. Mortality records av	ailable for in	spection?						Y
2. How are mortalities					Other (detail)			
	Whiteshore co							
3. Mortality records co			ered?					Y
		•		22: 9,635 (1.7%	%) week 17	7: 2.868 (0.5	52%), week 18	3: 929
4. Recent mortality (las	st 4 wks):			ek 19: 657 (0.1	•	. 2,00	270),	/. J_2
5. Evidence of recent i		voical mortal		W. 15.	170,			Y
If yes, facility nos/no m	•	• •		/reason:				
The first input of smolt	- ' '				the fish being	in seawater	r, hence why t	the mortality
numbers were still slightly elevated in week 16.								
6. Any other peaks in mortality during period checked?								
If yes, detail: All peaks in mortalitites from previous cycles have been reported to the FHI.								
7. Have increased (unexplained) mortalities been reported to vet or FHI?								
If yes, detail action:								
8. Have 'mortality ever	nts' been rep	orted to FHI'	? If no, enter	details on mor	tality events s	neet.		Y

Treatments and Medicines Records									
1. Recent treatments (s			Y						
If alata!!.	T.M.S.,								
If yes, detail:	Slice								
If other, detail:			V						
2. Medicines records av	•		Y						
3. Are records complete and correctly entered?									
4. Are fish in a withdraw	•		Y						
5. If yes, what treatmen	t(s)?	T.M.S., Slice							
If other, detail:									
6. Are medicines stored	l appropriately?		Y						
Biosecurity Records									
1. Biosecurity records a	•		Y						
	· · · · · · · · · · · · · · · · · · ·	rding 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	d) mortality at the site been included?	?	Y						
4. Has the action that w	ill be taken in the event that the pres	ence or suspicion of the presence of a listed disease							
is detected been include	ed and <i>how</i> and <i>when</i> that will be no	otified to Scottish Ministers?	Y						
5. Has the health status	of aquaculture animals being stocke	ed on the farm site been covered (equal or higher	Y						
health status, certification	on if required)?								
6. Have the husbandry	and biosecurity measures implement	ted between each epidemiological unit to minimise	Y						
transmission of disease	been covered (movement of staff, v	risitors, equipment, live or dead fish etc.)?							
7. Is documentation ava	ailable regarding the measures in pla	ce to maintain the physical containment of	Y						
aquaculture animals he	ld on site?	• •							
8. Have the biosecurity	procedures been adequately implem	nented on site?	Y						
If no, detail:									
_									
Results of Surveilland	e								
1. Has any animal healt	th surveillance been carried out by, o	r on behalf of, the business?	Y						
2. If yes, are results ava	•		Y						
3. Any significant results	·								
If yes, detail (if not detailed under recent disease problems).									
Rec	ords checked between:	27/06/2019 - 19/05/2022							

ГГ	11 009, VEISIOII 13							155	ueu by. rn	I			
	Case no:	2022-01	162	Site No:		FS1304			Date of visi Sampling:	it/	24/0	5/2022	24/(
	Priority samples:	VI		ВА		PA		MG	Sampling.	н	=		
	Time sampling starts/ends:	13:0	00:00	14:0	0:00	l	Inspecto	or:			VMD No	. [24
	Environmental conditions:	1	Indoors	2		3		4		5	=		
	Summary samples	HIST		ВА		MG		VI		РА		Total Sai	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-7	8-14	15-21	22-28								
	Pool Group												
	Species	SAL	SAL	SAL	SAL								
	Average weight	150g	150g	150g	150g								
	Sex	N/A	N/A	N/A	N/A								
	Water Type	SW	SW	SW	SW								
		at	äţ	/at	'at								
'n		gay	Jay	gav	gav								
ä		ang	ä	auć	auć								
Details		h L	- -	, L	ا ا ر								
	Stock Origin	och Langavat	Loch Langavat	Loch Langavat	Loch Langavat								
Stock	Facility No	2		6	10								
(I)	. domity 110	_	7	U	10								

)5/2022	Addition Fish kill	nal Sam led by pe	ple Infor ercussiv	mation: e blow to	o the he	ad.						
0	0 Total Tests assigned 0											

FHI 059, Version 13		Issued by: FHI			Date o	of issue	: 12/05/2020
Case Number:	2022-0162		Site No:	FS1304		Insp:	
Date of Visit	24/05/2022		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible	Frequency of m	novements on from equivalent zone or					
species		ncluding third country	0			26	0
	Number of sup	pliers	0	5	10	14	0
Movements off	Frequency of m		0			10	10
	Number of des		0		-	10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	ed (secure water supply through	o				
susceptible to same		or in a coastal zone with category I					
diseases)	farms upstream	n or within 1 tidal excursion	1	2	4		2
		or in a coastal zone with category III	1	,	6		
		or within 1 tidal excursion or in a coastal zone with category V		3	6		
		or within 1 tidal excursion	1	4	8		
	1						
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	O	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 state	from zone or compartment of us	4				
		from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	Ī			
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	Ī			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	O	1	2		2
	Sites sharing s	taff and equipment	0	1	2		2
Disinfection of equipment	Yes		О	1			0
between sites, use of footbaths etc	No		1	1			
CoGP/Regulator				- -			
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total		22
					Rank		MEDIUM

Case No:	2022-0162	Site No: FS1304	
Sea Lice Inspection (Seawater Sites Only)		
-	nced sea lice problems in the previous 4 year	s?	N
•	//anagement Area (or equivalent) fallowed syr		Y
	access to a range of licenced in-feed and bath		· V
		ble biological and/or mechanical control measures,	<u>'</u>
	oyed in a reasonable period of time?	ole biological ana/or meenamear control measures,	
	cumented farm management agreement or st	atement relevant to the site and CoGP Farm	Υ
Management Area (or			
	ecords available for inspection? (Legal SSI, Co		Υ
Do records adequate	ely reflect the required standard specified in the	ne SSI and the CoGP? (Legal SSI, CoGP Annex 6)	Υ
7. Are sea lice (L. salm	nonis) record levels below the suggested crite	ria for treatment in the CoGP during the period that	N
records are inspected?	(CoGP Annex 6)		
8. Have average adult	female sea lice (L. salmonis) numbers per fis	h been at a level of 3 or above (prior to w/b 10/6/19) or	rY
2 or above (from w/b 1	0/6/19) during the period that records are insp	pected?	
If ves. have these beer	n reported to the Fish Health Inspectorate? If	no. FHI see comment.	Y
-		significant welfare problems? (CoGP 4.3.81, 5.3.50)	N
or to or orongatae inte	station at a level which is considered to cause	reignmeant wentre problems: (GGG) molet, eleles,	
10. Have therapeutic tr	reatments been administered or other actions	taken when L. salmonis levels have exceeded the	Υ
		I to have welfare implications? (CoGP 4.3.82, 5.3.51)	•
	on been taken (where applicable)?	,	N/A
-		at impact upon the lies levels recorded?	
•	reatments or the actions taken had a significal		Y
	nere conducted, carried out in cooperation bet	· · · · · · · · · · · · · · · · · · ·	Y
	ig strategy for the site, where fewer population	ns or part populations are held without treatment for	N
sea lice?			
15. Is there a site spec	cific written lice management procedure with w	aypoints describing set actions to deal with	Υ
recognised scenarios of	during the escalation of a sea lice infestation?		
16. Do the sea lice leve	els observed on stocks reflect sea lice count o	data? If no please detail reasons	Υ
			•
Containment Inspecti	ion		
-	nced equipment damage due to predators in t	he current or previous production cycles?	
·	ace to mitigate against the predation experience		
2. Are measures in pla	ce to miligate against the predation experience	ded off site: (Detail below)	
If other, detail below:			
ii otilei, detaii below.			
3. Have occase incide	ente or evente been experienced on or in the	icinity of the site since the last FHI inspection?	V
•	·	ichnity of the site since the last FHI hispection?	ı
	estions 4 – 9. If No skip to question 10		V
•	ported to Scottish Ministers?		Y
•	ported to local DSFB forthwith (where they exi		Υ
6. Have these been rep	ported to the SSPO and local fisheries trusts f	orthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	Υ
7. Were methods (if an	ny) used to recover escapees? If yes give deta	ail	N/A
		h interests and was permission given by Scottish	
Ministers? (Legal, CoG	3P – 4.4.38, 5.4.18)		N/A
9. What action was tak	cen to prevent and minimise the risk of further	escapes? (Not covered in code but could	
be considered unde	r satisfactory measures of the Act)	Nets changed to SealPro to minimise seal damage. S	ee CNA for
	·	more info.	
10. Is the site inspecte	d as satisfactory with regards to containment?	? If no, please detail reason(s)	

Issued by: FHI

Date of issue: 12/05/2020

FHI 059, Version 13

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0162	Site No: FS1304	
Date of Visit: 24/05/2022	Inspector:	
Point of Compliance		
1. Is the farm under inspection located w	ithin a farm management area?	Υ
If N, no further questions require complet	tion.	
2. Has a current farm management agree 3. Is the current FMAg/S available for ins 4. Does the FMAg/S identify the relevant 5. Does the FMAg/S identify the fish farm 6. Does the FMAg/S identify the date of c 7. Does the FMAg/S identify the date of r Arrangements for Fish Health Manage	farm management area? In site(s) to which it applies? Commencement of the agreement or states review? Ement	red? Y Y Y Y Y Y N
8. Does the FMAg/S identify the minimun farm?	m health standards for the stocks to be intr	roduced to the area or Y
10. Does the FMAg/S identify the species 11. Does the FMAg/S identify the maximum individual farm?	tion requirements for stocks held in the are s of fish which may be stocked into the are um stocking density of any pen on any farr ements for the storage and disposal of any	ea or farm? m in the area or the
Arrangements for The Management of 13. Does the FMAg/S identify arrangeme	f Sea Lice ents for the sharing of data on sea lice num	nbers and treatments?
14. Does the FMAg/S identify the availab of statement?	oility and the use of medicines on farms co	vered by the agreement Y
	ements for the sensitivity testing of availables:	le treatments for sea
Does the FMAg/S identify the circums used on farms in the area or individual fa	stances under which biological controls an arms?	
17. Does the FMAg/S identify the arrange	ements for synchronous treatments on fare	ms within the area?
area or farm?	stances when live fish may be introduced of	
19. Does the FMAg/S identify the arrange or individual farms?	ements for the movement of live fish on ar	nd off sites in the area

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable	e harvest practices on farms in the area or indiv	vidual farms?
date when a farm or area may be restoc 22. Does the FMAg/S identify whether o agreement or statement?	ne or more year classes may be stocked onto s proodstock or potential broodstock are to be kep	sites covered by the
Point of Compliance for Farm Manage 24. Does the farm management agreem parties to the agreement?	ement Agreements Only nent include arrangements for persons to becom	ne, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and 26. What is the version no/date of issue	operated in accordance with the agreement or so of the FMAg/S? 01/01/2022	statement?

Case No: 2022-0162 Site No:

FS1304

Date of visit: 24/05/2022 Inspector(s):

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary	
ENHANCED CONTAINMENT INSPECTION (SEAWATER) a. Enquiry relating to i) escape incidents and ii) contingency procedures					
If yes answer 1.2-1.8:					
1.2. Have appropriate reports been made to Scottish Government within 24 hours of discovery?	High	Υ	AAAH Regs ⁴ 31D,E		
1.3. Have these been reported to the SSPO ² and, where in existence, the local DSFB and fisheries trust?	Medium	Υ	CoGP 4.4.37, 5.4.17		
1.4. Were methods (if any) used to recover escapees?		N/A		No fish believed to have escaped. The affected pen was counted and confirmed that there has been zero loss of fish as a result of the breach in containment.	
If yes give detail					
1.5 Was the decision to attempt to recapture and the method employed agreed with the local DSFB and FT	Low	N/A	CoGP 4.4.38, 5.4.18		
1.6. Was permission sought from Marine Scotland prior to recapture?	Medium	N/A	CoGP 4.4.38, 5.4.18		
1.7 Were the gill nets deployed in accordance with the permission issued by Marine Scotland?	Low	N/A	CoGP 4.4.38, 5.4.18		
1.8. In light of the escape event, has appropriate action been taken to prevent and minimise the risk of further escapes?	High	Y		Daily containment checks will continue to be conducted by site staff. Divers will continue to routinely inspect the site for signs of damage, and repair where required, particularly ahead of handling events to check net integrity, or if seal presence is noted in the site. All nets on site have been changed to SealPro to minimise the risk of further seal ingress.	
1.9. Is there a site specific contingency plan in response to failures in containment, aimed at preventing escapes and recovering escaped fish?	High	Y	SSI, 2,9	Scal marcos.	
oddapod HJH:					
b(i). Inspection of records relating to equipment, facilities and	the site				
General records			CoGP: 4.4.9, 4.4.14,		
2.1 With regard to each facility, net, screen and mooring at each site, a record should be maintained of:-			SSI 2,1		
		Facilities	Moorings Nets		

Point of compliance	Risk level	Satisfactory?	Satisfactory? Requirement		Comments and advice given or action taken if necessary	
a) The name of the manufacturer	Low	Y	Y	Y	Comments and device given or detion taken in necessary	
b) Any special adaptations	Low	N/A	N/A	Y	SealPro nets, jump net to stop seals to go over hand rails.	
c) The name of the supplier	Low	Y	Υ	Ϋ́	ocali ro noto, jamp not to otop ocalo to go ovor nama ramo.	
d) The date of purchase	Low	Υ	Υ	Υ		
e) Each inspection including						
i) the name of the person conducting the inspection	Low	Υ	Υ	Υ		
ii) the date of each inspection	Medium	Υ	Υ	Υ		
iii) the place of each inspection	Low	Υ	Υ	Υ		
iv) the outcome of each inspection	High	Υ	Υ	Υ		
f) the date and result of each repair, equipment test and antifouling	High	Υ	Υ	Υ		
treatment carried out 2.2. In relation to each net a record of:						
i) The mesh size	Medium	Υ	SSI, 2,2			
ii) The code which appears on the identification tag	Medium	Υ	1			
iii) The place of use, storage and disposal	Medium	Υ	1			
iv) The depth of water between the bottom of the net and the seabed as measured at the mean low water spring 2.3. In relation to each facility a record of:	Low	Y				
i) The date of construction	Low	Υ	SSI, 2,3			
ii) The material used in construction	Low	Υ	1			
iii) Its dimensions	Low	Υ	1			
2.4. In relation to each mooring a record of-			SSI, 2,4			
i) The date of installation	Low	Υ	, ,			
ii) The design and weight of the anchors	Low	Y	1			
iii) The length of the mooring ropes or chains	Low	Y	1			
A record of any navigation markers deployed at each site at which fish are farmed	Low	Y	SSI, 2,5			
2.6 In respect of sites at which fish are farmed in inland waters ³			SSI, 2,6			
a) The type, method of and date of construction of any flood	Low	N/A	1			
prevention or flood defence measures in place						
b) The date of and results of any tests conducted on any such	Low	N/A				
measures						
c) The date of any incident where the site was flood	Low	N/A				
d) The water course height during any such flood incident	Low	N/A				
2.7 A record of-			SSI, 2,7			
a) The date of any severe weather event which caused damage	Medium	N/A	SSI, 2,11 (a)			
to any facility, net or mooring	Lilada	NI/A	001 044 (1)			
b) Any action taken to rectify any such damage	High	N/A	SSI, 2,11 (b)			
Pen and mooring systems						
2.8 Are there documented procedures maintained regarding the selection and installation of pens and moorings?	High	Y	CoGP 4.4.8,	4.4.13		

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary		
2.9 Can the site demonstrate evidence that the design specification of pens and moorings are suitable for purpose and correctly installed?	High	Υ	CoGP 4.4.9, 4.4.14			
2.10 Do pen systems meet the manufacturers guidelines?	High	Υ	CoGP 4.4.10			
2.11 Are pen systems inspected and approved by suitably qualified / experienced person(s)?	High	Υ	CoGP 4.4.11			
2.12 Is there evidence of the competence of personnel involved in the design, installation and maintenance of pen and mooring systems?	High	Υ	CoGP 4.4.12, 4.4.15			
2.13 Are pen and mooring components inspected witha) a documented SOPb) a documented inspection plan based on a risk assessment	High	Υ	CoGP 4.4.16			
2.14 Do all nets used on site meet industry standards?	High	Υ	CoGP 4.4.17			
2.15 Can the site demonstrate an awareness of the minimum fish size in relation to net size	High	Y	CoGP 4.4.19			
2.16 Does the net design, quality and standard of manufacture take into account the conditions that are likely to be experienced on site	High	Y	CoGP 4.4.20			
and include adequate safety margins? 2.17 Are nets treated with a UV inhibitor?	Low	N	CoGP 4.4.21	Site informed that the CoGP reccommends that nets should be treated with UV inhibitor and stored away from direct sunlight when not in use, to minimise deterioration in strength.		
2.18 Are nets tested at a pre-determined frequency?	High	Y	CoGP 4.4.22	not in use, to minimise deterioration in strength.		
2.19 Is the method of test procedure based upon the manufacturers advice?	High	Y	CoGP 4.4.22			
2.20 Are frequent net inspections conducted to look for damage?	High	Υ	CoGP 4.4.23			
2.21 Are net inspection records maintained?	High	Y	CoGP 4.4.23			
2.22 Is the system by which nets are attached to the pen and weighted inspected frequently?	High	Υ	CoGP 4.4.24			
2.23 Where damage to nets and/or associated fittings has occurred, or the potential for damage exists, has remedial action been taken?	High	Y	CoGP 4.4.25			
b(ii). Inspection of records relating to training						
3.1 Are training programmes and plans relevant to the various onsite activities documented?	High	Υ	CoGP 7.1.8			
3.2 Is there a satisfactory record of all training and qualifications for each person working at the site in relation to any boat operations? (This excludes well boat operations)	High	Υ	SSI 2,6,a			
3.5 With respect to any transfer of or handling of fish is there a record of all training of each person working on site in relation to containment and prevention of escape of fish, and recovery of escaped fish?	High	Y	SSI 2,7,a			

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary	
b(iii). Inspection of records relating to procedures and risk assessments					
4.1 Are procedures which could increase the risk of fish escaping considered to be carefully planned and supervised to minimise risk?	High	Υ	CoGP 4.4.29, 5.4.12		
4.2 Before procedures are conducted on site, are the following in place:			CoGP 4.4.30, 5.4.13 SSI 2,7, b , SSI 2, 8, c		
a) a documented risk assessments	High	Υ	, , , , , , , , , , , , ,		
b) standard operating procedures	High	Υ			
c) contingency plan	High	Υ			
4.3 In relation to any boat operations at each site at which fish are farmed is there a record of					
-The type and size of each boat used for operations on the site	Low	Υ	SSI 2,6,b		
- The type and size of any propeller guard fitted to each boat used on the site	Low	N/A	SSI 2,6,c	No prop guards used on site.	
4.4 Does the site suffer from regular or heavy predation?		N			
4.5 Are there records of site specific risk assessments ascertaining the risk of predator attack?	Medium	Υ	CoGP 4.4.26		
4.6 Are there risk assessments undertaken on a pre-determined frequency?	Low	Y	CoGP 4.4.26		
4.7 A record of any anti-predator measures undertaken at each site at which fish are farmed including:			SSI, 2,8,a		
The type and location of each net, fence and scarer deployed	Medium	Υ			
- The use of lethal means by any person involved in operations on the site	Low	N/A	SSI, 2,8,b		
4.8 Where predator nets are deployed is the advice of Annex 7 considered?	Low	Υ	CoGP 4.4.27		
c. Inspection of site and site equipment					
5.1 Are there any obvious containment issues on the site?	High	N			
5.2 Is the net mesh size considered to be capable of containing all fish sizes present on site?	High	Υ	CoGP 4.4.18		

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
5.3 Do nets carry numbered ID tags?	Low	Υ	SSI 2,2 ii	
Look at a percentage of nets on site - Does the net location meet	Low	Υ		
the inventory?				
5.4 Are nets stored away from direct sunlight?	Low	Υ	CoGP 4.4.21	
5.6 Are appropriate measures in place to mitigate predation on site? (Provide detail if necessary)		Υ		Sealpro nets, top nets, jump nets, seal blinds.
5.7 Are boat operations conducted in such a manner which prevents damage to nets and pens?	High	Υ	CoGP 4.4.28	
5.8 Is there a requirement for navigation markers to be deployed?	Low	Υ	MSA ⁵ 2010 P4, S21	
5.9 If yes, has this been done in accordance with the necessary requirements?	Low	Y	MS Marine licence	
5.10 If Yes to 5.8 is there a record of any navigation markers deployed?	Low	Y	SSI 2,5	
d. Inspection of site specific procedures				
6.1 Are pen nets examined for holes, tears or damage prior to and during the stocking, moving or crowding of fish?	High	Υ	CoGP 4.4.31	
6.2 If helicopter transfer of fish is conducted are receiving pen(s) properly prepared:-			CoGP 4.4.32	
a) nets should be secure	High	N/A		
b) pens should be marked with buoys clearly visible from the air	High	N/A		
c) radio contact between farm staff and helicopter crew should be maintained or where this is not possible, pens receiving fish should be manned	High	N/A	CoGP 4.4.33	
Consideration should be given to all other site procedures being undertaken during the visit with respect to containment and the risk of fish farm escapes				

Point of compliance	Risk level	Satisfactory? Requirement	Comments and advice given or action taken if necessary
Additional actions	Powers		Comments and advice given or action taken if necessary
a) Callastian of complex			
e) Collection of samples			
If necessary collect samples. Indicate if samples have been taken	Power grant	ed under the Act – section 5 (3) (a)	
and detail what those samples are and the purpose of their			
collection			
h) Enforcement Notice.			
If an enforcement notice has been issued then maintain a copy /	Power grant	ed under the Act – Section 6 (2)	
duplicate and record detail			
Guidance on completing the Enforcement Notice			

1 An 'escape event' can be defined as any circumstances on or in the vicinity of a fish farm which are believed to have caused an escape, or which may have given rise to a significant risk of an escape of fish.

2 FHI interpretation – Informing the SSPO is only a requirement where the site belongs to an Authorised Production Business which is signed up to the CoGP.

- 3 being waters which do not form part of the sea or any creek, bay or estuary or of any river as far as the tide flows
- 4 The Aquatic Animal Health (Scotland) Regulations 2009 (as amended)
- 5 The Marine Scotland Act 2010

Case No:	2022-0162			Date of visit:	: 24/05/2022	2		
Site No:	FS1304	1		Inspector				
Olic 140.	101004			mapector	•			
Results Summary	Freq.	D	1.		te of Notifica	ntion	1.	
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	+							
					-			
	+							
	1							
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
ECI, SLI, VMD	31/05/2022							
CNA	06/06/2022							
Case completion	16/06/2022							
	1							
	1							
	+							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0169Date of Visit24/05/2022Site NoFS1304Site NameMaragay Mor

Case No 20220162 Inspector

An enhanced inspection to ascertain the risk of escape from the fish farm was conducted in accordance with the Aquaculture and Fisheries (Scotland) Act 2007.

The visit consisted of an inspection of facilities, records and the provision of advice.

a) Inspection of i) escape incidents and ii) contingency procedures

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

b)i) Inspection of records relating to equipment, facilities and the site

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

b)ii) Inspection of records relating to training

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

b)iii) Inspection of records relating to procedures and risk assessments

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

c) Inspection of site and site equipment

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

d) Inspection of site specific procedures

The site meets the requirement of current Scottish industry best practice. No recommendations made or further action required.

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 www.gov.scot/Topics/marine/Fish-Shellfish/FHl/charter





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0169Date of Visit24/05/2022Site NoFS1304Site NameMaragay MorCase No20220162Inspector

Case completion report

Recommendations in relation to the above case were made for implementation by the 1st of July 2022. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

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

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

Signed:

Fish Health Inspector

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

Date: 16/06/2022





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0169 Date of Visit 24/05/2022
Site No FS1304 Site Name Maragay Mor
Case No 20220162 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.

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 escapes.

An enhanced containment inspection was conducted. A separate report will be issued in due course.

On this occasion recommendations were issued in relation to sea lice records and the farm management statement:

- The site did not have a harvesting strategy where fewer populations or part populations are held without treatment for sea lice;
- The farm management agreement/statement was inspected and found to be inadequately maintained. Please see the attached annex detailing the points that must be addressed.

Please ensure that these points have been addressed by the 1st of July 2022. Records or documentation demonstrating that these points have been addressed should be sent to the Fish Health Inspectorate (contact details below). The site may be subject to further inspection or enforcement action should the appropriate action regarding the above points not be taken within the time period stipulated.

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

Signed:

Fish Health Inspector

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: 31/05/2022

Annex - The Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

• The statement or agreement must identify the date of review (farm management agreements or statements must be reviewed at least every two years).

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

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0163			Date of visit: 25/05/2022
Time spent on site:	nrs	Main Ins	pector:
Site No: FS1122 Business No: FB0119	Site Name: Business Name:	Grey Horse Channel Mowi Scotland Ltd	
Case Types: 1 REP	2 VMD 3	4 5	6
Water Temp (°C): 10.6	Thermometer No:	T307	FHI 045 completed
Observations:	Region: WI	Water type: S	CoGP MA: W-11
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:	

Additional Case Information:

Remote inspection carried out 18/05/2022. Site to be visited following reports of increased mortalities.

A number of seal attacks occurred starting from week 14 2022 which account for most of the mortalities. AGD has also been identified as the additional cause of mortality in the stock transferred from Grey Horse Channel Outer (01/04/2022) This stock has been performing poorly since input, not feeding well and growing slowly. Pens 4, 6, 7, 11, 12, 13, 14.

Harvesting has begun in April and the site is expected to be fallow by August 2022.

Mortality events: weeks 41, 44, 45, 51 & 52 2021 plus weeks 6, 14 - 17 2022 reported to FHI. Mortalities for weeks 10 & 13 2022 not reported to FHI, see mortality events for additional info.

During the site inspection no moribunds or dead fish could be seen in the cages containing Glenfinnan stock. Some seal damage could be observed in the main population. The pens containing the fish moved from Grey Horse Channel Outer also had a small number of anorexic and lethargic fish near the water surface. Three fish could be sampled and brought to shore for further checks and upon internal examination it was found that they were sexually maturing. No gross pathology was observed. The fish sampled for the VMD looked healthy both internally and externally with minimal sea lice load.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	e: 12/05/2020
Case No:	2022-0163		Site No:	FS1122	2			
Date of Visit:		25/05/2022			Inspector(s):			
Registration/Author								_
1. Business/site deta	•	checked by s	site representa	ative?			Υ	
2. Changes made to	details?						Υ	J
Site Details (includ	le cleaner fis					_		
Total No facilities		14	Facilities sto	cked	13	No facilitie	s inspected	14
Species	SAL							
Age group	Q2 S1							
No Fish	469,274							
Mean Fish Wt	2.9kg							
Next Fallow Date (S	,	August 2022	2	Next Input Da		April 2023		
Recent (last 4 wks)		ems?		Y	Any escapes	(since last	visit)?	N
If yes, detail:	AGD.							
Movement Record	S							
1. Movement record	ls available foi	r inspection?						Y
2. Date of last inspe	ction:						06/10/2021	
3. Are records comp	olete and corre	ectly entered?	?					Y
4. Are movement re	cords availabl	e for dead fis	sh and waste?	•				Y
5. Are records comp	olete and corre	ectly entered?	?					Y
6. Are health certific	ates for introd	uctions (outw	vith GB) availa	able?				N/A
Transport Records								
1. Are any movemen		by (or on be	half) of the bu	usiness (not us	ing a STB)?			
If yes, is there a sys								
Mortality Records								
Mortality records	available for in	nspection?						Y
2. How are mortalities		•			Other (detail)			
If other detail:	Whiteshore of				ouror (dotain)			
3. Mortality records			ered?					Y
	·	,	Week 16 20	22: 6,813 (1.32		6,213 (1.26	5%), week 18	: 2,197
4. Recent mortality (•			ek 19: 2,236 (0).47%)			V
5. Evidence of recer		• •		,				Y
If yes, facility nos/no	mortality per	racility/no sto	ock per facility	/reason:				
See additional info.		-iill						
6. Any other peaks i If yes, detail:		<u> </u>	iecked?					Y
•	See additional		on roported to	a vot or EUIO				N/A
7. Have increased (unexplained) r l	nortailles be	en reported to	vel or FHI?				IN/A
If yes, detail action: 8. Have 'mortality ev	ents' boon ro	oorted to EUI	2 If no onter	details on mor	tality events of	neet .		N
o. Have Hibriality ev	CITE DECITE		: II IIO, EIILEI	uctalis Uli IIIUli	tailly EVELIES SI	icci.		IN

Treatments and Medicines Records	
1. Recent treatments (see comment)?	Y
If yes, detail: T.M.S.	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	
health status, certification if required)?	
_	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	
If no, detail:	
Provide of Orang Warran	
Results of Surveillance	V
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	T V
2. If yes, are results available for inspection?	V
3. Any significant results? If yes, detail (if not detailed under recent disease problems).	
il yes, detail (il flot detailed diluci recellt disease problems).	
Records checked between: 06/10/2021 - 25/05/2022	

Г	mi 059, version 15							133	ueu by. i	111			
	Case no:	2022-01	163	Site No:		FS1122			Date of Samplin		25/0	05/2022	25/0
	Priority samples:	VI		ВА		PA		MG	Samplin	g. HI			
	Time sampling starts/ends: Environmental conditions:		0:00	15:0	0:00] 3	Inspecto	or:			VMD No). [10
	Environmental conditions.	'1				ા		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	imples
Α	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1											
	Pool Group												
	Species	SAL											
	Average weight	3kg											
	Sex	N/A											
	Water Type	SW											
.,		_											
Details		na											
þ		JĘ.											
		Glenfinnan											
Stock	Stock Origin Facility No	9											
Ű,	JI domity No	9											

)5/2022	Addition Fish kill	nal Sam led by pe				ad.					
0	j	Total To	ests ass	igned	0						

Case No: 2022-0163 Site No: FS1122 Date of visit: 25/05/2022

			-///OKO GO					_	
Start date:	applicable)	Size of fish:	Average weight of affected population:		Yearclass (SW SAL only):	Timescale	Mortality rate recorded(%):	Explained/ unexplained:	If explained, select reason(s):
07/03/22	13/03/2022	≥750g	2.5kg	SAL	Q2	Weekly	1.04	Explained	AGD
28/03/22	03/04/2022	≥750g	2.54kg	SAL	Q2	Weekly	1.02	Explained	Seal damage

If unexplained, select observations:	Total mortality during event (if available):	Additional information (e.g. action taken by company):	Action taken by FHI (include case no where applicable):	Yearclass Year
	6426		Data collected during inspection. Site to be visited 25/05/2022. Report for 2022-0163 to remind business of agreement in relation to mortality reporting as detailed in A Code of Good Practice for Scottish Finfish Aquaculture.	2021
	5728		Data collected during inspection. Site to be visited 25/05/2022. Report for 2022-0163 to remind business of agreement in relation to mortality reporting as detailed in A Code of Good Practice for Scottish Finfish Aquaculture.	2021

Case No:	2022-0163			Date of visit:	25/05/2022			
Site No:	FS1122]		Inspector:		ı		
Results Summary	Freq.			Da	te of Notifica	ition		
recount Canninary		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
					-			
							_	
Donort Cureman				1				
Report Summary	Date	Inon	ond I					
Case Type REP, VMD	31/05/2022	Insp	2 nd Insp					
TCI, VIVID	01/00/2022							
	1							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0119 Date of Visit 25/05/2022

SITE NO FS1122 SITE NAME Grey Horse Channel CASE NO 20220163 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

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: 2022-0164			Date of visit: 25/05/2022
Time spent on site:	nrs	Main Inspe	ctor:
Site No: FS1334 Business No: FB0119	Site Name: Business Name:	Grey Horse Channel Outer Mowi Scotland Ltd	
Case Types: 1 REP 2	3	4 5	6
Water Temp (°C): 10.5	Thermometer No:	T307	FHI 045 completed
Observations:	Region: WI	Water type: S	CoGP MA: W-11
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	· · · · · ·	N If yes, see additional inf	formation/clinical score sheet. formation/clinical score sheet. formation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	uil reason below:	

Additional Case Information:

Remote inspection carried out 18/05/2022. Site to be visited following reports of increased mortalities.

The main cause of mortality has been attributed to seal predation. Complex gill disease issues have also been identified and an extended freshwater treatment was conducted in week 18, which exacerbated mortalities but alleviated the gill problems. The site is in the process of changing nets from nylon to SealPro to try and reduce seal damage. Two nets are left to change and these are the pens still experiencing higher mortalities, the remaining cages are currently experiencing background mortality numbers.

Mortality events: weeks 40 to 44 2021 plus weeks 3, 6, 9, 10, 12, 14, 18, 20 2022 reported to FHI. Week 11, 13, 17 not reported to FHI, see mortality events for additional info.

The weather conditions during the site inspection made it harder to observe the fish as they were deep in the water column. Fish with seal damage could be observed swimming amongst the main population. The site staff was observed removing mortalities from one of the nylon net pens and the majority of the dead fish also presented seal bites. A small number of anorexic, lethargic fish was also seen in most cages, however these fish would swim away when approached. Three surface dead fish seen on site. Very little sea lice was observed on the fish.

The stock has been problematic since input - not feeding well, lethargic, high percentage of poor performers. Some of the fish were transferred to Grey Horse Channel in early April to thin out the cages. Three lethargic fish from this stock were removed from Grey Horse Channel and upon internal examination, it was found that the fish were sexually maturing. No gross pathology observed.

Harvesting will begin at the end of May and the site expected to be fallow by August 2022.

FHI 059, Version 13			Issu	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2022-0164		Site No:	FS1334				
Date of Visit:		25/05/2022	2		Inspector(s)	:		l
Registration/Author	risation Deta	ails						
1. Business/site deta			site representa	ative?			Y	1
2. Changes made to	•						Y	
Site Details (includ	e cleaner fis	h for all sect	tions)					
Total No facilities		12	Facilities sto	cked	7	No facilitie	s inspected	12
Species	SAL						I	
Age group	Q2 21							
No Fish	476,707							
Mean Fish Wt	2.5kg							
Next Fallow Date (S		August 2022	2	Next Input Da	ate (Site)	April 2023	•	
Recent (last 4 wks)		ems?			Any escapes			N
If yes, detail:	Complex gill					·	·	
Movement Record								
1. Movement record		r inspection?					00/40/0004	Y
2. Date of last inspe			2				06/10/2021	V
3. Are records comp		•						ĭ
4. Are movement re				,				Y
5. Are records comp		•						Y
6. Are health certific	ates for introd	luctions (outv	vith GB) availa	able?				N/A
Transport Records	•							
1. Are any movemen	nts carried ou	t by (or on be	half) of the bu	isiness (not us	ing a STB)?			
If yes, is there a sys					_			
Mortality Records								
Mortality records	available for i	nspection?						Y
2. How are mortalities		•			Other (detai	1)		
If other detail:	Whiteshore				Ctrior (dotai	'/		
3. Mortality records			ered?					Y
or mortality records	oompioto ana	correctly one		22: 3,981 (0.89	%) week 17:	6 213 (1 26º	6) week 18:4	1 914
4. Recent mortality (last 4 wks):			ek 19: 3,191 (0				1,011
5. Evidence of recer		typical morta			, , , , , , , , , , , , , , , , , , , ,		,	Y
If yes, facility nos/no		• •		/reason:				
See additional info.		•	· · ·					
6. Any other peaks i	n mortality du	ring period cl	necked?					Y
If yes, detail:	See addition	• .						
7. Have increased (en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mor	tality events s	heet.		N

Treatments and Medicines Records 1. Recent treatments (see comment)? If yes, detail: T.M.S.						
11 you, dotain.						
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?						
o. Are medicines stored appropriately:						
Biosecurity Records						
Biosecurity records available for inspection?						
Has the manner and frequency of mortality removal, recording and safe disposal been considered?						
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any						
increased (unexplained) mortality at the site been included?						
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease						
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?						
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher						
health status, certification if required)?						
Tioditi Status, Sertinoation in 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:						
ii iio, detaii.						
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).						
ii yes, detaii (ii not detailed under recent disease problems).						
Records checked between: 06/10/2021 - 25/05/2022						

Case No: 2022-0164 Site No: FS1334 Date of visit: 25/05/2022

Start date:	End date: (if applicable)	Size of fish:	Average weight of affected population:	Species:	Yearclass (SW SAL only):	Timescale	Mortality rate recorded(%):	Explained/ unexplained:	If explained, select reason(s):
14/03/22	20/03/2022	≥750g	1.9kg	SAL	Q2	Weekly	1.43	Explained	Complex gill issues, Seal damage
28/03/22	03/04/2022	≥750g	1.94kg	SAL	Q2	Weekly	1.04	Explained	Complex gill issues
25/04/22	01/05/2022	≥750g	2.35kg	SAL	Q2	Weekly	1.26	Explained	Complex gill issues

If unexplained, select observations:	Total mortality during event (if available):	Additional information (e.g. action taken by company):	Action taken by FHI (include case no where applicable):	Yearclass Year	
	8705		Data collected during inspection. Site to be visited 25/05/2022. Report for 2022-0164 to remind business of agreement in relation to mortality reporting as detailed in A Code of Good Practice for Scottish Finfish Aquaculture.	2021	
	6174		Data collected during inspection. Site to be visited 25/05/2022. Report for 2022-0164 to remind business of agreement in relation to mortality reporting as detailed in A Code of Good Practice for Scottish Finfish Aquaculture.	2021	
	6213		Data collected during inspection. Site to be visited 25/05/2022. Report for 2022-0164 to remind business of agreement in relation to mortality reporting as detailed in A Code of Good Practice for Scottish Finfish Aquaculture.	2021	

Case No:	2022-0164			Date of visit:	25/05/2022	2		
Site No:	FS1334	1		Inspector:				
Results Summary	Freq.	Database	Insp	Phone Da	te of Notifica Insp	tion Writing	Insp	and I
		Database	шэр	i none	шэр	vviitiiig	шэр	2 nd Insp
							=	
							-	
Report Summary			nd					
Case Type	Date 31/05/2022	Insp	2 nd Insp					
REP	31/05/2022							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0119 Date of Visit 25/05/2022

SITE No FS1334 SITE NAME Grey Horse Channel Outer

Case No 20220164 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Medicine records were inspected and found to be adequately maintained.

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



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	1	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0165			Date of visit: 23/05/2022
Time spent on site:	hour	Main Insp	ector:
Site No: FS1240 Business No: FB0544	Site Name: Business Name:	Highland Scotland	
Case Types: 1 PPI 2	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: B	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	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 detail	reason below:	

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

Additional Case Information:

Inspection carried out by , observed by

An inspection was carried out at Mowis Blar Mhor processing facility to assess the biosecurity measures in place. The authorised processing establishment checklist was completed, which details the systems that are in place.

At present, fish are received as dead haul and delivered by tankers or in bins on lorries. The tankers arrive in the yard and park with the valve hanging over a concrete bunded area with central drains. Large pipes are connected to the tankers and attached to a transfer pipe which transfers the fish from the tanker to inside the factory where they can be processed. Fish arriving in bins are transferred into the primary processing area by an automated bin lifting apparatus into a hopper which feeds the line. There is a dedicated cleaning area for the bins that arrive on site. Both bins and tankers are cleaned and disinfected before leaving site. Bins are cleaned with Klenz 2 and TFR (detergents) and disinfected with Bactirinse BW. The tankers are cleaned using Superklenz and Oxysan 15 (detergents) and disinfected with Steriklenz 5. All areas inside the processing area, including the area where the bin lifting apparatus is located, are bunded with central drains for the collection of any bloodwater.

All effluent water from the site is collected in floor drains and transferred via underground pipes to an underground sump. From here, the water is moved through the on-site treatment plant which is situated separately from the processing areas. The plant is padlocked for controlled access. All wastewater from the site on arrival at the plant, first moves through a drum filter (2.5mm mesh) before moving into a DAF unit where solid waste is removed. The separated solids are then moved over a belt press and an emulsion polymer is injected. The solid waste is then dosed with formic acid (<4pH) and a deodorising scrubber before being transported to a holding tank before being uplifted and taken to Energen Biogas. The remaining wastewater with solids removed is passed through the treatment room where a chemical feed is administered (sodium hypochlorite (up to 5ppm), ferric sulphate and emulsion polymer). Disinfected wastewater then passes through a sample point to comply with discharge consents before being discharged into mains sewage where it is transported to Caol waste water treatment works.

Some biosecurity measures are currently in place with capacity to implement further measures if required. Currently, all visitors must report to reception where they are signed in, given a visitor badge and escorted during their visit. Hand sanitisers are strategically placed throughout the facility and there is a changing room whereby staff and visitors must change into site-specific PPE before entering the primary processing area. PPE comprises of wellies, overalls and hair nets (these are disposable). There is a hand washing station located at the entrance to the primary processing area. Footbaths are also deployed at strategic points around the site. Tankers and bins are not disinfected on arrival, but are cleaned and disinfected before they leave the site. Disinfection on arrival could be implemented if required. Due to heavy construction works at the site, the one-way traffic system is no longer in place. Vehicles enter and leave the site via the same access.

Fish are machine gutted with the viscera and kidney removed automatically by vacuum pumps and are then fed through automated filleting, pin boning, skinning and scaling as required by the customer. Minimal fish handling is required with a conveyor system in operation, therefore the area is kept clean throughout the gutting process. The area is fully enclosed with floor drains feeding into the effluent treatment system. Viscera from the vacuum pumps are transported via pipes to a large holding tank located outside in the yard. Here, the waste is dosed with formic acid at a pH<4 before it is uplifted and transported by contained tankers to Pelagia, Shetland for further processing/ensiling.

Across the site, equipment is colour-coded to specific work areas. Waste transfer records are maintained for each uplift. Any ice that is used throughout the process is also collected in colour-coded bins and transferred to the treatment plant before discharge into mains sewage.

The processing area including all equipment and surfaces is cleaned and disinfected at the end of each day (not between batches of fish from different sites). Fish coming from sites subject to control measures for bacterial kidney disease (BKD) will be processed last and the site will be cleaned and disinfected following processing of these fish.

Traceability records such as number of animals received, farm of origin, destination of product, number and destination of animals rejected, staff and visitor movements on and off site, cleaning and disinfection of vehicles and transport containers, cleaning and disinfection of personnel and equipment brought onto and off site and staff training records are all maintained. Staff are trained in food hygiene procedures but not bio-security specifically and recognition of clinical diseases of fish.

A copy of the APE checklist, site photos and schematic of treatment plant are attached to the Aquadat entry.

		_				_		
Case No:	2022-0165			Date of visit:	23/05/2022			
Site No:	FS1240			Inspector:				
Populto Cummon	Eroa			Do	te of Notifica	tion		
Results Summary	Freq.	Database	Insp	Phone	Insp	Writing	Insp	and I
		Database	шър	FIIONE	шър	willing	шэр	2 nd Insp
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
PPI	20/06/2022							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0544 Date of Visit 23/05/2022 Site No FS1240 Site Name Blar Mhor

Case No 20220165 INSPECTOR

PROCESSING FACILITY INSPECTION

An inspection of the above facility was made in accordance with the Aquatic Animal Health (Scotland) Regulations 2009 to assess the measures in place for the processing of fish harvested from aquaculture sites subject to control measures for bacterial kidney disease.

An inspection of all work areas was conducted. The operation of the facility will be deemed satisfactory for the routine processing of fish from aquaculture sites subject to control measures for bacterial kidney disease (BKD) when the following measures have been implemented:

- To prevent cross-contamination, harvest bins containing or which have contained fish from sites subject to disease control measures should be cleaned and disinfected in an area that is separate from harvest bins which have already been cleaned and disinfected and are being stored prior to dispatch to farm sites;
- Disposable liners from the harvest bins received from sites subject to disease control
 measures should be disposed of in a bio-secure manner e.g. cleaning and disinfection or
 incineration. If transported off the site, they should be transported in sealed containers to
 prevent any pathogen escaping into the wider environment.

Additional improvements would also be required prior to the facility being authorised to process fish subject to disease control measures for other listed diseases as required by regulation 7 of the Aquatic Animal Health (Scotland) Regulations 2009 (the 2009 Regs). Prior to authorisation as a processing establishment by the competent authority under the 2009 Regs, for the site to process fish subject to disease control measures (for listed diseases, other than BKD), the following areas require further investigation and improvement:

- Contingency plans to deal with a breach of the biosecurity systems at the processing establishment will need to be developed and followed;
- Procedures for the immediate notification of the Scottish Ministers in the event of a breach in biosecurity at the processing facility are not currently in place and will need to be developed and followed;
- The disinfectant used on any effluent wastewater must be effective against listed pathogens and auditable records of their use should be maintained;
- Biosecurity of vehicles entering the facility including disinfection should be implemented and auditable records of this should be maintained;
- Harvest bins from sites subject to disease control measures that have been cleaned and disinfected should be easily identifiable and stored in a designated area that is separate from the storage area for bins that have arrived from sites not subject to any disease control measures:
- Staff training in the recognition of clinical signs of listed diseases.

Details of the process of applying for authorisation with Marine Scotland are available at:

<u>Aquaculture Processing Establishment (APE): forms and guidance - gov.scot (www.gov.scot)</u>.

Should Mowi wish to seek authorisation for the Blar Mhor processing facility in accordance with the Aquatic Animal Health Regulations 2009, please contact the Fish Health Inspectorate.

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

Signed: Date: 23/06/2022

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: 2022-0166			Date of visit: 24/05/2022
Time spent on site:	2 hours	Main Inspe	ector:
Site No: FS0226	Site Name:	Inchmore	
Business No: FB0119	Business Name:	Mowi Scotland Ltd	
Case Types: 1 ECI	2 MIX 3 CNI	4 5	6
Water Temp (°C): 13.2	Thermometer No:	Site	FHI 045 completed
Observations:	Region: HI	Water type: F	CoGP MA
Dead/weak/abnormally behaving	g fish present?		nformation/clinical score sheet.
Clinical signs of disease observ	ed?		nformation/clinical score sheet.
Gross pathology observed?		N If yes, see additional in	nformation/clinical score sheet.
Diagnostic samples taken?		N	
UNI/REG only - if unable to carr	ry out intended visit deta	il reason below:	

Additional Case Information:

Q3 total mortality from input to date - 35.97% (690,554). Attributed to poor egg quality/failed eggs. 29% of that total occurred during the first 5 weeks. Mortality during the last 4 week period was 0.96% (24,183). Attributed to deformaties. Ova were a mix from Ireland and Dumfries.

Q4 total mortality from input to date 29.5% (982,778). 27.94% of the total losses occurred during the first 11 weeks incubation. Mortality in the week before the inspection was 0.19%. Total mortality over the last 4 week period was 1.35% (41,179). Q2 total mortality from input to date 19.22% (764,733) over an 8 week period. Mortality in the 2 weeks before the inspection was 0.59% (20,758). Total mortality over the last 4 week period was 4.46% (161,403).

Peaks in mortality all occurred within the first 6-weeks post stocking so were not required to be reported. However, business has reported these and a record has been made for them.

Fish observed in the tanks generally appeared in good health with only a few individuals displaying some damage to fins as a result of nipping.

Site thermometer used for biosecurity reasons.

FHI 059, Version 13			Issu	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2022-0166		Site No:	FS0226				
Date of Visit:		24/05/2022	2		Inspector(s):			
Registration/Author	risation Deta	ails						
1. Business/site deta	ails summary	checked by	site representa	ative?			Υ	
2. Changes made to	details?						N	
Site Details (includ	le cleaner fis	h for all sec	tions)					
Total No facilities		48 tanks	Facilities sto	cked	29 tanks	No facilitie	s inspected	48
Species	SAL	SAL	SAL					
Age group	Q3	Q4	Q2					
No Fish	2,499,884	3,025,524	3,509,781					
Mean Fish Wt	4.5g	0.64g	<0.1g					
Next Fallow Date (S	ite)	Continuous	cycle	Next Input Da	ite (Site)	04/07/202	2	
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
3. Are records comp 4. Are movement re 5. Are records comp 6. Are health certific Transport Records 1. Are any movement If yes, is there a sys Mortality Records	cords available elete and corre ates for introd ates for introd ates for introd tem in place f	le for dead fisectly entered luctions (out t by (or on be for maintenar	sh and waste? ? with GB) availa chalf) of the bu	able? usiness (not usi				Y Y Y
 Mortality records a How are mortalities 		•			Incinerated -	on cito		1
If other detail:			nd taken to Ba		incinerateu -	OII SILE		
3. Mortality records				икір.				V
o. Mortality records	complete una	correctly error		s: Q3's - 24,18	3 fich (0 96%)	O/I's - /11 ′	170 fieh /1 350	%) and O2's
4. Recent mortality (•		161,403 fish	(4.46%). See			170 11311 (1.00)	70) and Q23
5. Evidence of recer		• •						Y
If yes, facility nos/no		•		/reason:				
Deformities, failed/u								
6. Any other peaks i		<u> </u>						Y
If yes, detail:	all within 6 w							
7. Have increased (unexplained) i	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	/ents' been re	ported to FH	1? If no. enter	details on mort	ality events sh	neet.		N/A

Treatments and Medicines Records		
Recent treatments (see comment)?		Y
If yes, detail: Formalin		
If other, detail: Cress		
2. Medicines records available for inspection?		Y
3. Are records complete and correctly entered?		Y
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?		
If other, detail: Cress		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
Biosecurity records available for inspection?		Y
2. Has the manner and frequency of mortality removal, recording	g and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scotti	sh Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?		Y
4. Has the action that will be taken in the event that the presence		
is detected been included and how and when that will be notified		Y
5. Has the health status of aquaculture animals being stocked o	n the farm site been covered (equal or higher	Y
health status, certification if required)?		
6. Have the husbandry and biosecurity measures implemented l		Y
transmission of disease been covered (movement of staff, visito		V
7. Is documentation available regarding the measures in place to	o maintain the physical containment of	Y
aquaculture animals held on site?		V
8. Have the biosecurity procedures been adequately implemented	ed on site?	T
If no, detail:		
Results of Surveillance		
Has any animal health surveillance been carried out by, or on	hehalf of the husiness?	Y
2. If yes, are results available for inspection?	beliali oi, the business:	Y
3. Any significant results?		N
If yes, detail (if not detailed under recent disease problems).		
il yes, detail (il flot detailed dildel recent disease problems).		
Records checked between: 25	5/11/21 - 24/05/22	

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2022-0166		Site No:	FS0226		Insp:	
Date of Visit	24/05/2022		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	q
	Number of supp	ocluding third country	0		10	14	5
Movements off	Frequency of m		1 0		6	10	10
Movements on	Number of dest		0		6	10	6
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or b	•	0				0
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	•	0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish from MS of equivalent status						
	Processing fish equivalent statu	4					
	Processing fish	from Category III farm	8				
	Processing fish	from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0	1			0
products	Common proce	sses with other farms	3				
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	1			0
	Feeding unpast	teurised feed	5				
Biosecurity		Number of sites	. 1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing st	aff and equipment	0	1	2		1
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0	1			0
	No		2				
					Total Rank		31 HIGH

Case No:	2022-0166		Site No:	FS0226	
 Is the CoGP Farm M Does the site have a azamethiphos and ema 	Seawater Sites Only) nced sea lice problems in talenagement Area (or equivaccess to a range of licence amectin benzoate) as well in a reasonable period of the	alent) fallowed synchron ed in-feed and bath sea lid as access to suitable bio	ce medications (in	cluding deltamethrin,	es, and
4. Is there a signed doo Management Area (or	cumented farm manageme equivalent)?	nt agreement or statemen	nt relevant to the s	ite and CoGP Farm	
	ecords available for inspect ely reflect the required stan			egal SSI, CoGP Annex	6)
7. Are sea lice (L. salm records are inspected?	nonis) record levels below to (CoGP Annex 6)	he suggested criteria for	treatment in the C	oGP during the period t	hat
	female sea lice (<i>L. salmoni</i> 0/6/19) during the period th			above (prior to w/b 10/6	/19) or
If yes, have these been	reported to the Fish Healt	h Inspectorate? If no, FH	I see comment.		
9. Is C. elongatus infes	station at a level which is c	onsidered to cause signifi	cant welfare probl	ems? (CoGP 4.3.81, 5.3	3.50)
suggested criteria for tr	reatments been administere reatment or where <i>C. elong</i> on been taken (where appli	gatus is considered to have			
•	eatments or the actions tal		act upon the lice le	evels recorded?	
	ere conducted, carried out	•	•		
14. Is there a harvestin sea lice?	g strategy for the site, whe	re fewer populations or p	art populations are	e held without treatment	for
	ific written lice managemer scalation of a sea lice infes		nts describing set a	actions to deal with reco	gnised
16. Do the sea lice leve	els observed on stocks refle	ect sea lice count data? It	no please detail r	reasons.	
2. Are measures in pla	nced equipment damage d ce to mitigate against the p	redation experienced on		•	N Y
Site indoors		Rent-o-Kill			
If other, detail below:					
If Yes proceed with que 4. Have these been rep 5. Have these been rep	nts or events been experiencestions 4 – 9. If No skip to coorted to Scottish Ministers ported to local DSFB forthwoorted to the SSPO and local DSPB for the scotted to the SSPO and local DSPB for the scotted to the SSPO and local DSPB for the scotted to the SSPO and local DSPB for the scotted to the SSPO and local DSPB for the scotted to the SSPO and local DSPB for the scotted to the SSPO and local DSPB for the scotted to t	question 10 ? vith (where they exist)? (C	oGP – 4.4.37, 5.4	4.17)	.17)
7. Were methods (if an	y) used to recover escape	es? If yes give detail			
8. If gill nets were deplo Ministers? (Legal, CoG	oyed was this action agree	d with local wild fish intere	ests and was perm	nission given by Scottish	
9. What action was tak	en to prevent and minimise		es? (Not covered i	in code but could	
	r satisfactory measures of as satisfactory with regar		please detail reas	on(s)	Υ

Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

Case No:	2022-0166			Date of visit:	24/05/2022			
Site No:	FS0226	1		Inoncotor				
Sile IVO.	F30220			Inspector:				
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Case Type	Date	Insp	2 nd Insp					
Case Type	07/06/2022	ırısp	2 insp					
ECI, CNI MIX	07/06/2022 13/06/2022							
IVIIA	13/00/2022							





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0119 Date of Visit 24/05/2022 Site No FS0226 Site Name Inchmore

Case No 20220166 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

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: 07/06/2022

Fish Health Inspector

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

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0169			Date of visit: 25/05/2022
Time spent on site:	l hour	Main Inspect	or:
Site No: FS0146	Site Name:	Kinlochmoidart Hatchery	
Business No: FB0169	Business Name:	The Scottish Salmon Compar	ny
Case Types: 1 ECI	2 CNI 3 MIX	4 5	6
Water Temp (°C): 12	Thermometer No:	Site	FHI 045 completed
Observations:	Region: HI	Water type: F	CoGP MA
Dead/weak/abnormally behaving	g fish present?		rmation/clinical score sheet.
Clinical signs of disease observe	ed?		rmation/clinical score sheet.
Gross pathology observed?		N If yes, see additional info	rmation/clinical score sheet.
Diagnostic samples taken?		IN	
UNI/REG only - if unable to carr	y out intended visit detai	il reason below:	

Additional Case Information:

Site only received fish last week so no mortality has been recorded

Site uses a flow through system for parr and two recirculation systems for the smolts.

Last import of ova came onto site in January 2020. Site has retained the heatlh certificate as required, but no longer intend to receive ova from outwith the UK.

Fungus, mainly saprolegnia has been observed on site, but is only present in low numbers and is being managed successfully with no significant mortalities.

Water was very dark during the inspection so was difficult to observe the fish. Those that could be observed, appeared in good condition with only a few individuals displaying signs of fungal infection. Some fin damage was noted in most of the tanks, but manager advised that this damage had come in on the fish but was being mitigated through the use of four feeders in each tank to reduce aggression/fin nipping. He reported that this had worked well and the damage to fins as a result of nipping had reduced since the fish arrived on site.

Site thermometer used for temperature due to biosecurity risk.

Paperwork completed by and (MIX). Site inspection carried out by , supervised by

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	e: 12/05/2020
Case No:	2022-0169		Site No:	FS0146				
Date of Visit:		25/05/2022	2		Inspector(s):			1
Registration/Author								
1. Business/site deta	ails summary	checked by s	site representa	ative?			Υ	
2. Changes made to	details?						Υ]
Site Details (includ	e cleaner fis		tions)			_		
		1 hatchery						1 hatchery
T-4-1 N - 5:!!4:		and 31		alaa d	6 tanka	NI - £:!!#:-	. :	and 31
Total No facilities	0.41	tanks	Facilities sto	скеа	6 tanks	No facilitie	s inspected	tanks
Species	SAL	SAL						
Age group	22 Q3	22 Q4						
No Fish	131,000	96,000						
Mean Fish Wt	9	5.9			(6:1.)	00/05/000		
Next Fallow Date (S	•	continuous	cycle	Next Input Da	_ ' '	20/05/2022		
Recent (last 4 wks)	disease probl	ems?		IN	Any escapes	(since last v	/ISIt)?	N
If yes, detail:								
Movement Records	s							
1. Movement record		r inspection?						Y
2. Date of last inspe							17/11/2020	•
3. Are records comp		ectly entered	?					Y
4. Are movement re		•		,				Y
5. Are records comp								Y
6. Are health certific		•		able?				Ÿ
o. Are nealth certific	ates for introc	idelions (odt)	vitii OD) avalle	abic:				
Transport Records								
Are any movement		t by (or on be	half) of the hi	isiness (not ils	ing a STR)?			N
If yes, is there a sys								
ii yes, is there a sys	terri iri piace i	or maintenar	ice of transpor	riation records	•			
Mortality Records								
Mortality records a	available for i	nspection?						Y
2. How are mortalities					Whole fish -	Dundas Che	micals	
If other detail:	os disposed o	1:			WHOIC HISH -	Duridas Oric	illicais	
3. Mortality records	complete and	correctly ent	ered?					
5. Wortainly records	complete and	correctly em		ceived last wee	k Single figur	o mortalitios	observed si	noo input
4. Recent mortality (last 1 wks).		risii only rec	ceiveu iasi wee	k. Single ligui	e mortanties	observed si	nce input.
5. Evidence of recer	•	typical morta	lities?					N
If yes, facility nos/no		• •		roscon:				
ii yes, lacility 1105/110	mortality per	racility/110 St	ock per facility	rieason.				
6. Any other peaks i	n mortality du	ring poriod o	anakad2					
o. Any other peaks i				204 0007 5-1- /	4 000() 114	U- 0 0004 00	045-1-7470	1
If yes, detail:		*	**	021 6807 fish (•		•	%). WK 23
•				sh (1.66%) 202	21 - attributed	to fungal info	ection.	NI/A
7. Have increased (unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:			10.15	-1-4-3	4-114 · · · ·			
8 Have 'mortality ev	enis peen re	ροπεα το ΕΗ	r it no enter	uetalis on mor	ialliv events st	leet		Y

Treatments and Me	edicines Records		
1. Recent treatments	s (see comment)?		Y
If yes, detail:	Formalin		
If other, detail:	Cress		
2. Medicines records	s available for inspection?		Y
•	lete and correctly entered?		Y
4. Are fish in a withdo	•		Y
5. If yes, what treatm	nent(s)?		
If other, detail:	Cress		
6. Are medicines sto	red appropriately?		Y
Biosecurity Record			
The state of the s	Is available for inspection?		Y
		ording and safe disposal been considered?	Y
	•	Scottish Ministers or veterinary professional of any	V
	ned) mortality at the site been included		Y
		sence or suspicion of the presence of a listed disease	V
	luded and how and when that will be n		Y
		ked on the farm site been covered (equal or higher	Y
health status, certific	ation if required)?		
6. Have the husbane	dry and biospourity moscures implemen	eted between each enidemiological unit to minimice	Y
		nted between each epidemiological unit to minimise visitors, equipment, live or dead fish etc.)?	·
	· · · · · · · · · · · · · · · · · · ·	ace to maintain the physical containment of	Y
aquaculture animals		ace to maintain the physical containment of	
· ·	rity procedures been adequately impler	mented on site?	Y
If no, detail:	ily procedures been adequately imple	Heriteu on Site :	
ii iio, dotaii.			
Results of Surveilla	ance		
	ealth surveillance been carried out by,	or on behalf of, the business?	Y
•	available for inspection?		Y
3. Any significant res	•		N
	etailed under recent disease problems).	
F	Records checked between:	17/11/2020 - 20/05/2022	

FHI 059, Version 13		Issued by: FHI			Date o	of issue	: 12/05/2020
Case Number:	2022-0169		Site No:	FS0146	I	Insp:	
Date of Visit	25/05/2022		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 ncluding third country	0	9	18	26	0
	Number of sup		0			14	0
Movements off	Frequency of n	novements off	I 0	3	6	10	3
	Number of des		0		6	10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or	•	0				
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		1
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing own	n fish (re-cycling risk)	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	n from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0]			0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	i			0
·	Feeding unpas	•	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0]			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		7 LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0169	Site No:	FS0146
Sea Lice Inspection (Seawater Sites Only))	
1. Has the site experienced sea lice problem	s in the previous 4 years?	
2. Is the CoGP Farm Management Area (or e	equivalent) fallowed synchronously on a single	year class basis?
	cenced in-feed and bath sea lice medications (in well as access to suitable biological and/or med d of time?	
4. Is there a signed documented farm management Area (or equivalent)?	gement agreement or statement relevant to the	site and CoGP Farm
5. Are sea lice count records available for ins6. Do records adequately reflect the required	spection? (Legal SSI, CoGP Annex 6) I standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels be records are inspected? (CoGP Annex 6)	elow the suggested criteria for treatment in the C	CoGP during the period that
8. Have average adult female sea lice (L . sa 2 or above (from w/b 10/6/19) during the per	<i>Imonis</i>) numbers per fish been at a level of 3 or iod that records are inspected?	above (prior to w/b 10/6/19) or
If yes, have these been reported to the Fish	Health Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level which	n is considered to cause significant welfare prob	llems? (CoGP 4.3.81, 5.3.50)
•	istered or other actions taken when <i>L. salmonis</i> elongatus is considered to have welfare implica	
11. Has any other action been taken (where	applicable)?	
•	ns taken had a significant impact upon the lice le	
	d out in cooperation between participating farms	
14. Is there a harvesting strategy for the site sea lice?	, where fewer populations or part populations ar	e held without treatment for
15. Is there a site specific written lice manag scenarios during the escalation of a sea lice	ement procedure with waypoints describing set infestation?	actions to deal with recognised
16. Do the sea lice levels observed on stock	s reflect sea lice count data? If no please detail	reasons.
Containment Inspection		
1. Has the site experienced equipment dama	age due to predators in the current or previous p	roduction cycles?
2. Are measures in place to mitigate against	the predation experienced on site? (Detail belov	w)
Site indoors Jump nets	Rent-o-Kill Filter screens	
If other, detail below:		
•	perienced on or in the vicinity of the site since the	he last FHI inspection?
If Yes proceed with questions 4 – 9. If No ski		
4. Have these been reported to Scottish Mini		4.47)
	orthwith (where they exist)? (CoGP – 4.4.37, 5. and local fisheries trusts forthwith (where they exi-	
6. Have these been reported to the SSPO at	id local lisheries trusts forthwith (where they exi	st)? (COGP = 4.4.37, 5.4.17)
7. Were methods (if any) used to recover es	capees? If yes give detail	
8. If all nots were deployed was this action a	greed with local wild fish interests and was perr	mission given by Scottish
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)		
	nimise the risk of further escapes? (Not covered	in code but could
be considered under satisfactory measu	•	con(s)
To, is the site inspected as satisfactory with	regards to containment? If no, please detail reas	Y Y

Case No:	2022-0169			Date of visit:	25/05/2022			
Site No:	FS0146	1		Inspector:				
One 140.	1 00 140			пізресіог.				
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
	07/06/2022							
ECI, CNI MIX	13/06/2022							





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0169 Date of Visit 25/05/2022

SITE No FS0146 SITE NAME Kinlochmoidart Hatchery

Case No 20220169 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 07/06/2022

Fish Health Inspector

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

FHI 059, Version 13	Issued by: FHI		Date of issue: 12/05/2020					
Case No: 2022-0171			С	Date of visit: 19/05/2022				
Time spent on site:		M	ain Inspector:					
Site No: FS1240 Business No: FB0544	Site Name: Business Name:	Highland Scotland						
Case Types: 1 SAM 2	3	4 5		6				
Water Temp (°C): Unknown	Thermometer No:] F	HI 045 completed				
Observations:	Region: HI	Water type:	В	CoGP MA				
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed?	N/A If yes, see additional information/clinical score sheet. N/A If yes, see additional information/clinical score sheet. N/A If yes, see additional information/clinical score sheet. N/A							
Diagnostic samples taken?		N/A						
UNI/REG only - if unable to carry out intended visit detail reason below:								

Additional Case Information:

Internal parasite sample from a salmon submitted by an angler to the Findhorn, Nairn and Lossie Rivers Trust. Fish was caught at Lower Holm on 12/5/22 and had fungus. Weight of fish unknown, but was 76 cm in length Water temperature unknown.

Case sheet completed by , Sample collected by and on 19/05/2022.

					10/05/0000					
Case No:	2022-0171	J		Date of visit:	19/05/2022					
Site No:	FS1240	1		Inspector:		1				
One Ito.	1 0 1240			mapeotor.						
Results Summary	Freq.	q. Date of Notification								
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
HEPA	1/1			09/06/2022		17/06/2022				
	+									
	_									
	+									
	+									
	1									
	+	-								
	+									
Report Summary	_	•		1						
Case Type	Date	Insp	2 nd Insp	1						
SAM	17/06/2022	шэр	z insp							
	111001202									
	+									
	+									





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0544 Date of Visit 19/05/2022

SITE NO FS1240 SITE NAME Highland- Holm Burn River
CASE NO 20220171 INSPECTOR

An internal parasite was taken from a salmon caught at Lower Holm on the 12/05/2022. The parasite was submitted to fish health inspectors by an angler through the Findhorn, Nairn and Lossie Rivers Trust, for identification.

The submitted sample was identified as a cestode plercoceroid larvae and consistent with Hepatoxylon trichiuri.

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

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: 13/06/2022