Issu	ed by: FHI		Date of	issue: 12/05/2020			
			Date of visit:	16/05/2023			
]	Main Inspecto	r:				
Site Name: Business Name:		,					
CNI 3 SLI	4 VMD	5 DIA	6				
Thermometer No:	T173	\supset	FHI 045 comple	eted			
Region: HI	Water type:	S	CoGP MA:	M-19			
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? J 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.							
out intended visit detail rea	son below:						
	Site Name: Business Name: CNI 3 SLI Thermometer No: Region: HI sh present? ?	Business Name: CNI 3 SLI 4 VMD Thermometer No: Region: HI Water type: sh present? y If yes, see a y If yes, see a y	Site Name: Business Name: CNI Scottish Sea Farms Ltd WMD Thermometer No: T173 Region: HI Water type: S Sh present? If yes, see additional inform y If yes, see additional inform y	Main Inspector: Site Name: Business Name: Kishorn A (South) Scottish Sea Farms Ltd CNI 3 SLI 4 VMD 5 DIA 6 Thermometer No: T173 FHI 045 completed by State of the state o			

Additional Case Information:

mortality levels have been elevated since autumn 2022 following an environmental insult resulting in CGD. Bacterial lesions have been an issue, vets report detail Tenibaculum finmarkense as the causitive agent. Increased husbandry efforts have brought mortality numbers down. AGD also confirmed.

Reports of seals gaining access to pens, these have not been reported as escapes. No fish lost as all entered between top net and top line of pens. Additional fixings have been installed to reduce access.

Number of moribunds, lethargic fish observed in most pens. Some lesions present. 3 fish were removed for diagnostic sampling.

Very low lice numbers.

FHI 059, Ve	rsion 13			Issued by: FHI			Date of issue: 12/05/2020
Case No:	2023-0120		Site No:	FS0709			
Date of Visit:		16/05/202	23		Inspector(s)):	
Registratio	n/Authorisatio	on Details					
	site details su		ad by site renre	esentative?		Ī.	<u></u>
	made to detail	•	od by one repri	oornaivo:			Y
Site Details	(include clea	ner fish for a	Il sections)				
Total No fac		12	Facilities st	ocked	12	No facilities	inspected 12
Species	SAL	WRA	LUM	Conca		140 Idominos	
Age group	2022 Q1	N/A Wild	2022 Q4				
No Fish	372,000	18,000	24,000			_	
Mean Fish Wt	3.5kg	N/A	N/A				
Next Fallow	Date (Site)	November	2023	Next Input Da	te (Site)	2024 Q1	
	4 wks) diseas				_ ` ′	s (since last vi	sit)?
		•	by Tenibaculu	m finmarkense,		•	
2. Date of la 3. Are recor 4. Are move 5. Are recor 6. Are health Transport I 1. Are any n If yes, is the Mortality R 1. Mortality R	novements car re a system in	nd correctly er available for d nd correctly er or introductions rried out by (or place for main	ntered? ead fish and w ntered? s (outwith GB) on behalf) of ntenance of tra		_	В)?	Y 05/05/2021 Y Y Y N/A
If other	Tiortainies disp	00000 01:			Biogas Ba	тир	
detail:							
3. Mortality	records comple	ete and correc	tly entered?				Y
			Salmon 798	32/site/last four v	veeks. Clear	ner fish 1772/si	ite/last four weeks. WRA
4. Recent m	ortality (last 4	wks):	640/site las	t four weeks. LL	IM 1389/site	last four week	s
5. Evidence	of recent incre	eased/atypical	mortalities?				Y
If yes, facilit	y nos/no morta	ality per facility	/no stock per f	acility/reason:			
see addition	al information						
6. Any other	peaks in mort	ality during pe	riod checked?				Y
If yes, detail	Salmon wk 7 : 1080 (2.45%		.46%) 2021 w	k32 4344 (3.21%	%), 2021 wk3	33 4152 (3.57%	6). Cleanerfish wk 17
		,	ties been repo	rted to vet or FH	1?		Y
		Vet visited	site, samples	taken confirming	bacterial les	sions, CGD, AC	GD see additional
If yes, detail		information					
8. Have 'mo	rtality events' k	peen reported	to FHI? If no,	enter details on	mortality eve	nts sheet.	Y

Treatments and Medicines Records	N
1. Recent treatments (see comment)?	IN
If yes, detail: If other, detail:	
2. Medicines records available for inspection?	V
3. Are records complete and correctly entered?	· V
4. Are fish in a withdrawal period?	·
5. If yes, what treatment(s)? Optomease Vet	•
If other, detail:	
6. Are medicines stored appropriately?	Y
or the medianes stored appropriatory.	
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?	У
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?	У
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	Y
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	Y
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?	У
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	У
2. If yes, are results available for inspection?	У
3. Any significant results?	У
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 5/5/2021 to 16/5/2021	

	ni 059, version 15					issueu by. Fini							
	Case no:	2023-01	120	Site No:		FS0709			Date of vis		16/0	5/2023	16/0
	Priority samples:	VI		ВА		РА		MG	Sampling.	нІ			
	Time sampling starts/ends:		0:00		5:00		Inspector	r:			VMD No	. [11
	Environmental conditions:	1	Indoors	2		3		4	_	5			
	Summary samples	HIST	Y	ВА	Y	MG	Y	VI		РА		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No	F1	F2	F3	P1	Г	П	1	Т			I	
	Fish nos	1	2	3	1-3	4	5						
	Pool Group	P1	P1	P1									
	Species	SAL	SAL	SAL		SAL	SAL						
	Average weight	3.5kg	3.5kg	3.5kg		3.5kg	3.5kg						
	Sex	N/A	N/A	N/A		N/A	N/A						
	Water Type	sw	sw	sw		sw	sw						
Stock Details	Stock Origin Facility No	ക Barcaldine smolt unit	D Barcaldine smolt unit	D Barcaldine smolt unit		Barcaldine smolt unit	Barcaldine smolt unit						
S.	III acility NO	0	10	10		12	11						

	05/2023 Additional Sample Information:														
4 Total Tests assigned 3															

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

Case no:	2023-0120	Site No:		FS070	9	Method of killing: Percussive					
Date of visit:	16/05/2023	3	Inspec	tor(s):				s	heet Re	elevant:	Υ
S for strong presen	ce: M for medium presence: W for	weak pres	sence								
Fish Number		1	2	3							
Time sampled after	er death (if > 45 minutes)										
External Signs											
Behaviour	Moribund	S	S	S							
	Lethargic	S	S	S							
	Hanging vertical										
	Spiralling										
	Flashing										
	Loss of equilibrium										
Body	Dark										
	Distended abdomen										
	Anorexic										
	Scale Oedema	S									
Opercula	Shortened										
	Flared										
Haemorrhaging	Throat										
	Ventrum										
	Base of fins										
	Elsewhere										
Eyes	Exophthalmic										
	Enophthalmic (sunken)										
	Cataract										
	Haemorrhagic										
Gills	Pale	S	m	m							
	Zoned	100	w	W							
	Necrotic	m	S	S							
Lesions	Flank										
Vant	Elsewhere										
Vent	Inflamed										
Lice Load	Trailing faeces Estimate numbers	0	0	0							
Lice Load	Estimate numbers	0									
Internal Signs											
Ascites	Clear										
7.001.00	Bloody	s									
Oedema	In tissues		m								
Heart	Pale/anaemic	m	m	m							
	Granulomas										
	Deformed	w	w	S							
Liver	Petechial haem										
	Gross haem										
	Tissue breakdown										
	Enlarged										
	Colour number(s)	1	1	1							
	Granulomas										
	Lesions										
Pyloric caeca	Petechial haem										
	Tubules mauve										
	Lack of fat										
Spleen	Enlarged Granulomas	w	w	W							
Gut		6	s	6							
Gut	No food present Yellow pseudo-faeces	s s	S	s s							
	External haem	J		3							
	Internal haem		s	s							
Body wall	Haemorrhaging										
Swim bladder	Haemorrhaging										
	Fluid filled										
Kidney	Swollen										
	Grey	s	S	s							
	Granular	S	s	s							
	Liquefied										
General	Parasites present										
	Anaemia										

Case no: 2023-0120

Anaemia

16/05/2023 Date of visit: S for strong presence: M for medium presence: W for w Fish Number Time sampled after death (if > 45 minutes) **External Signs** Behaviour Moribund Lethargic Hanging vertical Spiralling **Flashing** Loss of equilibrium Body Dark Distended abdomen Anorexic Scale Oedema Opercula Shortened Flared Haemorrhaging **Throat** Ventrum Base of fins **Elsewhere** Eyes Exophthalmic Enophthalmic (sunken) Cataract Haemorrhagic Gills Pale Zoned Necrotic Lesions Flank Elsewhere Vent Inflamed Trailing faeces Lice Load Estimate numbers Internal Signs Clear **Ascites** 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 Haemorrhaging Swim bladder Fluid filled Kidney Swollen Grey Granular Liquefied General Parasites present

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

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2023-0120		Site No:	FS0709		Insp:	
Date of Visit	16/05/2023		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	0	4.0	26	
Species	Number of supp	ocluding third country	0		18 10	26 14	
					ļ		40
Movements off	Frequency of m		0		6 6	10	3
Exposure via water	ramber of desi	Site contacts			6-10		9
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through porehole)	0				
susceptible to same diseases)	Farm is on-line	or in a coastal zone with category I	1	2	4		2
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	Ιο	1			
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	T 0	,]			0
, , , , , , , , , , , , , , , , , , ,	Feeding unpast	<u>.</u>	5				
Biosecurity		Number of sites	5 1	1 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing st	aff and equipment	0	1	2		1
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total Rank		20 MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0120	Site No:	FS0709
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems in the previou 2. Is the CoGP Farm Management Area (or equivalent) fallo 3. Does the site have access to a range of licenced in-feed a 2. Example 1. Example 2. Example 2. Example 2. Example 3. E	owed synchronously on a single y and bath sea lice medications (inc	cluding deltamethrin,
4. Is there a signed documented farm management agreem Management Area (or equivalent)?	ent or statement relevant to the s	ite and CoGP Farm
5. Are sea lice count records available for inspection? (Lega 6. Do records adequately reflect the required standard spec	·	Legal SSI, CoGP Annex 6)
7. Are sea lice (L. salmonis) record levels below the sugges records are inspected? (CoGP Annex 6)	sted criteria for treatment in the Co	oGP during the period that N
8. Have average adult female sea lice (<i>L. salmonis</i>) number 2 or above (from w/b 10/6/19) during the period that records		above (prior to w/b 10/6/19) or Y
If yes, have these been reported to the Fish Health Inspecto 9. Is C. elongatus infestation at a level which is considered		ems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments been administered or other suggested criteria for treatment or where <i>C. elongatus</i> is co		
11. Has any other action been taken (where applicable)? 12. Have therapeutic treatments or the actions taken had a second state of the actions taken had a second state of the second stat	ation between participating farms?	? Y
15. Is there a site specific written lice management procedure scenarios during the escalation of a sea lice infestation?	re with waypoints describing set a	actions to deal with recognised Y
16. Do the sea lice levels observed on stocks reflect sea lice	e count data? If no please detail r	easons. Y
Containment Inspection 1. Has the site experienced equipment damage due to preda 2. Are measures in place to mitigate against the predation e Bird nets tensioned topnets seal pro r If other, detail below:	xperienced on site? (Detail below	γ) Y
3. Have escape incidents or events been experienced on or of the state	·	e last FHI inspection?
4. Have these been reported to Scottish Ministers? 5. Have these been reported to local DSFB forthwith (where 6. Have these been reported to the SSPO and local fisheries	they exist)? (CoGP - 4.4.37, 5.4	•
7. Were methods (if any) used to recover escapees? If yes	give detail	
8. If gill nets were deployed was this action agreed with loca Ministers? (Legal, CoGP – 4.4.38, 5.4.18) 9. What action was taken to prevent and minimise the risk o		
be considered under satisfactory measures of the Act 10. Is the site inspected as satisfactory with regards to contain		on(s)

TH 050 Market 40	1 II - F	-1 11	D-1(1'
FHI 059, Version 13	Issued by: F	·HI	Date of issue: 12/05/2020
Case No: 2023-0120	Site No: FS0709		
Date of Visit: 16/05/2023	Inspector:		
Point of Compliance			
 Is the farm under inspection located w 	vithin a farm management a	rea?	Y
If N, no further questions require comple			<u> </u>
Points of Compliance for Both Farm I			V
Has a current farm management agreIs the current FMAg/S available for ins		S) been prepared?	Y
4. Does the FMAg/S identify the relevant	•		V
5. Does the FMAg/S identify the fish farr	•		У
6. Does the FMAg/S identify the date of		ement or statement?	У
7. Does the FMAg/S identify the date of	review?		У
Arrangements for Fish Health Manage	ement		
8. Does the FMAg/S identify the minimum		tocks to be introduced to t	he area or Y
farm?		. h ald :- the area are farme 0	V
Does the FMAg/S identify the vaccinaDoes the FMAg/S identify the specie	•		Y
11. Does the FMAg/S identify the maxim	•		ea or the
individual farm?			
Does the FMAg/S identify the arrang fish farm in the area or the individual far		disposal of any dead fish f	from any Y
nsir farifi in the area of the individual far	111 !		
Arrangements for The Management o			
13. Does the FMAg/S identify arrangement	ents for the sharing of data	on sea lice numbers and tr	reatments?
14. Does the FMAg/S identify the availal	pility and the use of medicine	es on farms covered by the	e agreement Y
of statement?	·		
15. Does the FMAg/S identify any requir		sting of available treatment	ts for sea
lice on farms in the area or individual far 16. Does the FMAg/S identify the circum		ical controls and cleaner fi	sh are to be
used on farms in the area or individual fa		ical controls and cleaner if	sh are to be Y
17. Does the FMAg/S identify the arrang	ements for synchronous tre	atments on farms within th	ne area?
Live Fish Movements			
18. Does the FMAg/S identify the circum	stances when live fish may	be introduced or removed	from the Y
area or farm?	,		
19. Does the FMAg/S identify the arrang or individual farms?	ements for the movement of	f live fish on and off sites i	in the area

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptab	le harvest practices on farms in the area or individ	dual farms?
date when a farm or area may be resto	by which the area or individual farm will be fallow cked? one or more year classes may be stocked onto sit	
agreement or statement?	proodstock or potential broodstock are to be kept	
Point of Compliance for Farm Manag 24. Does the farm management agreer parties to the agreement?	gement Agreements Only nent include arrangements for persons to become	e, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and 26. What is the version no/date of issue	operated in accordance with the agreement or stee of the FMAg/S? 01/05/2022	catement?

 Case No:
 2023-0120
 Date of visit: 16/05/2023

 Site No:
 FS0709
 Inspector:

Results Summary	Freq.	Date of Notification									
results Summary	1 104.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
AGD (Neoparamoeba	3/3	24/05/2023	•	24/05/2023		9		Ζ 1115β			
perurans) (PCR) -	0,0	24/00/2020		24/00/2020							
AGDQ						15/06/2023					
IHN (PCR) - IHNP	0/3	24/05/2023		24/05/2023		15/06/2023					
IPN (PCR) - IPNM	0/3	24/05/2023		24/05/2023		15/06/2023					
ISA (real time qPCR -	0/3	24/05/2023		24/05/2023							
heart & kidney) - ISAQ											
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						15/06/2023					
Paranucleospora	3/3	24/05/2023		24/05/2023							
theridion (PCR) - PNST											
, ,						15/06/2023					
Piscine myocarditis	0/3	24/05/2023		24/05/2023							
virus (CMS) (PCR) -											
PMVP						15/06/2023					
Salmon gill poxvirus	3/3	24/05/2023		24/05/2023							
(PCR) - SPVP						15/06/2023					
Salmonid alphavirus	0/3	24/05/2023		24/05/2023							
(SAV) (PCR) - SALP						15/06/2023					
VHS (PCR) - VHSP	0/3	24/05/2023		24/05/2023		15/06/2023					
Complex gill issues	3/3	31/05/2023		31/05/2023							
(histology) - CGDH						15/06/2023					
Gill pathology - GPAT	3/3	31/05/2023		31/05/2023		15/06/2023					
Heart pathology -	3/3	31/05/2023		31/05/2023							
HPAT						15/06/2023					
Epitheliocystis - EPIT	1/3	31/05/2023		31/05/2023		15/06/2023					
Muscle pathology -	1/3	31/05/2023		31/05/2023							
MPAT						15/06/2023					
Liver pathology - LPAT	3/3	01/06/2023		01/06/2023		15/06/2023					
Spleen pathology -	3/3	01/06/2023		01/06/2023							
SPAT						15/06/2023					

Report Summary			
Case Type	Date	Insp	2 nd Insp
ECI,CNI,SLI,VMD	22/05/2023		
DIA	15/06/2023		





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0125 Date of Visit 16/05/2023

SITE NO FS0709 SITE NAME Kishorn A (South)
CASE NO 20230120 INSPECTOR

Section 1: Summary

During a routine site inspection, a number of lethargic and moribund Atlantic salmon were observed in most pens, three were removed for further examination and subsequent diagnostic sampling.

Histopathological examination revealed mild, multifocal filament hyperplasic branchitis and mild hepatocellular necrosis.

Samples tested positive for gill related pathogens: *Paranucleospora theridion* (3/3), salmon gill poxvirus (SGPV) (3/3) and *Neoparamoeba perurans* (AGD) (3/3).

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 site inspection lethargic and moribund fish were observed in the majority of pens. Testing by the company had identified AGD and bacterial lesions caused by *Tenacibaculum finnmarkense*. Elevated mortalities had been recorded since the Autumn of 2022 following an environmental insult resulting in CGD.

Externally, all fish sampled were moribund and lethargic with scale oedema noted in F1, the gills were pale and necrotic gills and slight zoning also was noted F2 and F3. No lice were present.

Internally, F1 had bloody ascites and oedema was noted in the tissue of F2. The hearts of all fish were pale/anaemic and deformed. All fish displayed splenomegaly with no food was present in the gut with haemorrhaging also noted in the hind gut of F2 and F3. All fish had yellow pseudo faeces and the kidneys also were grey and granular.

Samples were collected from F1 to F3 fish according to the table below:

Fish number	Facility number	Species	Stage	Origin
1	6	A.salmon	2022 Q1	Barcaldine Smolt Unit
2 and 3	10	A.salmon	2022 Q1	Barcaldine Smolt Unit

Results

Bacteriology: Kidney and gill material from F1 to F3 was inoculated onto appropriate media for the isolation of bacteria.

No significant bacteria were isolated.

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		Reported Result (PCR)		
F1	21.94	28.57	28.79	28.68	POSITIVE
F2	21.88	25.64	25.68	25.64	POSITIVE
F3	21.66	32.97	33.09	33.00	POSITIVE

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

Neoparamoeba perurans (AGD)

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	21.94	30.33	30.51	30.33	POSITIVE
F2	21.88	30.68	30.51	30.32	POSITIVE
F3	21.66	32.85	32.64	32.82	POSITIVE

Paranucleospora theridion

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	21.94	30.80	30.86	30.71	POSITIVE
F2	21.88	28.74	28.83	28.71	POSITIVE
F3	21.66	31.91	32.04	31.94	POSITIVE

Histology: Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from F1 to F3. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

Gill: Filament hyperplasic branchitis, multifocal, mild, mainly observed at the tips of gill filament (F1-F3); rare basophilic epithelial inclusions (likely epitheliocystis) F1. Free blood among gill filaments (F2).

Skin & Muscle: Myositis (skeletal red muscle), very mild, multifocal (F3).

Heart: Mild, multifocal, myocarditis (F1-F3).

Gut and pyloric caeca: Some cell sloughing (potentially associated with post-mortem artefact) (F1). Pancreas: Within the normal range.

Liver: Hepatocellular necrosis, mild, multifocal (F1-F3). some mild, diffuse hepatocellular vacuolation (macrovesicules) (F1-F3).

Kidney: Within the normal range.

Spleen: Moderate necrosis.

.

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: 15/06/2023





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0125
 DATE OF VISIT
 16/05/2023

 SITE NO
 FS0709
 SITE NAME
 Kishorn A (South)

 CASE NO
 20230120
 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

All epidemiological units were inspected.

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

With regards to containment, it was reported that there were numerous instances where seals had gained access to pens. The reporting requirements of regulation 31D of the 2009 Regs were discussed, as there was no damage to the nets, the site staff did not consider that fish had escaped or that the cirumstances gave rise to a significant risk of an escape therefore, not reported to the FHI.

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/





F1-3 F1





F1 F1





F2









F3 F3

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0138			Date of visit: 17/05/2023
Time spent on site: 4.	5 hrs	Main Ins	pector:
Site No: FS1317 Business No: FB0119	Site Name: Business Name:	Rum Mowi Scotland Ltd	
Case Types: 1 ECI 2	CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 10.7	Thermometer No:	T148	FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA: None
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	uil reason below:	

Additional Case Information:

Inspection of records and documents carried out remotely on 12/05/2023.

Site is currently not in a FMA but do have an adequately prepared FMS which was available for inspection.

Site has seen a slight increase in seal activity but no damage to nets but will be changing to Seal Pro nets prior to next cycle.

Only 2 lethargic fish observed from all stocked pens. But no clinical signs of disease. The occasional runt also observed but less than 1 per pen. Fish remained low in the water so hard to see but when spotted were observed shoaling as in normal behaviour. Fish that were removed for vmd sampling looked in good condition. No clinical signs of disease upon internal examination.

Site mainly grows fish to harvest size with a mixture of live and dead haul going to Mallaig. There is the occasional movement off site to other sites but just tends to be a single site per cycle when it occurs.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	e: 12/05/2020
Case No:	2023-0138		Site No:	FS1317				
Date of Visit:		17/05/2023	3		Inspector(s):			I
Registration/Author	risation Deta	ils						
1. Business/site deta	ails summary	checked by s	ite representa	ative?			Υ	1
2. Changes made to	details?						N]
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities		12	Facilities sto	cked	6	No facilitie	s inspected	12
Species	SAL	SAL						
Age group	Q1 2022	Q2 2022						
No Fish	45,237	189,327						
Mean Fish Wt	5.75kg	3.2kg						
Next Fallow Date (S		June 2023		Next Input Da	te (Site)	Septembe	r 2023	
Recent (last 4 wks)	•				Any escapes			N
If yes, detail:							,	
Movement Records	•							
Movement record		r inspection?						
2. Date of last inspe		inspection:					08/03/2022	<u> </u>
 Are records comp 		ectly entered?	>				00/03/2022	Y
4. Are movement re		•						Ÿ
Are records comp								Ÿ
6. Are health certific		•		able?				N/A
T								
Transport Records		. h /au au ha		rainaga (nat wai	CTD\2			N
1. Are any movemen								N
If yes, is there a sys	tem in place i	or maintenan	ce or transpor	nation records	!			
Mortality Records								
1. Mortality records	available for ir	nspection?						Y
2. How are mortalities	es disposed o	f?			Ensiled - on s	site		
If other detail:								
3. Mortality records	complete and	correctly ent	ered?					Y
				4) - 285 (0.14%		04) - 609 (0	.23%) wk 19	(01/05) - 375
4. Recent mortality (` ,			20 (08/05) - 30	03 (0.13%)			
5. Evidence of recer		• •						N
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:				
6. Any other peaks i	n mortality du	ring period ch	necked?					N
If yes, detail:								
7. Have increased (unexplained) i	nortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:	,							
8. Have 'mortality ev	vents' been re	ported to FHI	? If no, enter	details on mort	ality events sh	neet.		Y

Treatments and Medicines Records	
1. Recent treatments (see comment)?	Y
If yes, detail: T.M.S.	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)? T.M.S.	
1. Recent treatments (see comment)? If yes, detail: If other, detail: 2. Medicines records available for inspection? 3. Are records complete and correctly entered? 4. Are fish in a withdrawal period? 5. If yes, what treatment(s)? If other, detail: 6. Are medicines stored appropriately? Biosecurity Records 1. Biosecurity records available for inspection? 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered? 3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any increased (unexplained) mortality at the site been included? 4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and how and when that will be notified to Scottish Ministers? 5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)? 6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)? 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site? 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).	
6. Are medicines stored appropriately?	Y
·	
	Y
· · · · · · · · · · · · · · · · · · ·	Y
	V
	Y
· · · · · · · · · · · · · · · · · · ·	ie
	Y
	Y
nealth status, certification if required)?	
6. Have the husbandry and hippopurity magazines implemented between each anidomiclogical unit to minimise	Y
· · ·	Y
·	Y
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
·	Y
3. Any significant results?	N
Records checked between: 08/03/2022 - 17/05/2023	

	HI 059, Version 13							155	ued by: F	- [1]			
	Case no:	2023-01	138	Site No:		FS1317			Date of v		17/0	05/2023	17/0
	Priority samples:	VI		ВА		PA		MG	Sampling	g. HI			
	Time sampling starts/ends:	14:1	5:00	15:1	5:00		Inspecto	or:			VMD No).	35
	Environmental conditions:	1		2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	imples
A	dd Fish/Pools - click												
	Fish nos	1	2	3	4								
	Pool Group	•	_	O	•								
	Species	SAL	SAL	SAL	SAL								
	Average weight		5.7500		3.2000								
	Sex	N/A		N/A	N/A								
	Water Type	SW	SW	SW	SW								
Stock Details		Scalpay	ട Scalpay	Maol Ban	Maol Ban								
S	racility INO	4	0	11	13								

05/2023 Additional Sample Information:	
0 Total Tests assigned 0	

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2023-0138		Site No:	FS1317		Insp:	
Date of Visit	17/05/2023		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	0
•	Number of supp	ocluding third country	0			14	0
Movements off	Frequency of m		1 0	3		10	10
Wovernonts on	Number of dest		0			10	3
Exposure via water	,	Site contacts	5 0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or b	•	0				
susceptible to same diseases)		or in a coastal zone with category I or within 1 tidal excursion	1	2	4		1
	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	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2	1			
	Processing fish equivalent statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	te only processed.	0	1			0
products	Common proce	esses with other farms	3				
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	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 st	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1				U
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		15 LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0138	Site No:	FS1317
3. Does the site have access to a range of lice	uivalent) fallowed synchronously on a single ye nced in-feed and bath sea lice medications (incl ell as access to suitable biological and/or mech	luding deltamethrin,
· ·	ment agreement or statement relevant to the sit	e and CoGP Farm
5. Are sea lice count records available for insp	ection? (Legal SSI, CoGP Annex 6) standard specified in the SSI and the CoGP? (Le	egal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels belo records are inspected? (CoGP Annex 6)	ow the suggested criteria for treatment in the Co	GP during the period that
	nonis) numbers per fish been at a level of 3 or ald that records are inspected?	bove (prior to w/b 10/6/19) or Y
If yes, have these been reported to the Fish He 9. Is C. elongatus infestation at a level which is	ealth Inspectorate? If no, FHI see comment. s considered to cause significant welfare proble	ms? (CoGP 4.3.81, 5.3.50)
	tered or other actions taken when <i>L. salmonis leongatus</i> is considered to have welfare implication	
13. Are treatments, where conducted, carried of	oplicable)? taken had a significant impact upon the lice levout in cooperation between participating farms? where fewer populations or part populations are	N/A
15. Is there a site specific written lice manager scenarios during the escalation of a sea lice in	ment procedure with waypoints describing set acfestation?	ctions to deal with recognised Y
16. Do the sea lice levels observed on stocks r	reflect sea lice count data? If no please detail re	easons.
	e due to predators in the current or previous pro se predation experienced on site? (Detail below)	
If Yes proceed with questions 4 – 9. If No skip 4. Have these been reported to Scottish Minist 5. Have these been reported to local DSFB for		17)
7. Were methods (if any) used to recover esca	pees? If yes give detail	
Ministers? (Legal, CoGP – 4.4.38, 5.4.18) 9. What action was taken to prevent and minim be considered under satisfactory measure		code but could
10. Is the site inspected as satisfactory with re	gards to containment? If no, please detail reaso	n(s) Y

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0138	Site No: FS1317	
Date of Visit: 17/05/202	Inspector:	
Point of Compliance		
1. Is the farm under inspection located	d within a farm management area?	N
If N, no further questions require comp	pletion.	
2. Has a current farm management ag3. Is the current FMAg/S available for4. Does the FMAg/S identify the relevant5. Does the FMAg/S identify the fish farm	ant farm management area? arm site(s) to which it applies? of commencement of the agreement or state	ared?
Arrangements for Fish Health Mana 8. Does the FMAg/S identify the minin farm?	agement num health standards for the stocks to be int	troduced to the area or
10. Does the FMAg/S identify the spec	nation requirements for stocks held in the ar- cies of fish which may be stocked into the ar- kimum stocking density of any pen on any far	ea or farm?
	ingements for the storage and disposal of an farm?	y dead fish from any
Arrangements for The Management 13. Does the FMAg/S identify arrange	t of Sea Lice ments for the sharing of data on sea lice nur	mbers and treatments?
14. Does the FMAg/S identify the avail of statement?	ilability and the use of medicines on farms co	overed by the agreement
15. Does the FMAg/S identify any require on farms in the area or individual to	uirements for the sensitivity testing of availab farms?	ole treatments for sea
16. Does the FMAg/S identify the circuused on farms in the area or individua	umstances under which biological controls a Il farms?	
17. Does the FMAg/S identify the arra	ingements for synchronous treatments on fai	rms within the area?
Live Fish Movements 18. Does the FMAg/S identify the circuarea or farm?	umstances when live fish may be introduced	
19. Does the FMAg/S identify the arra or individual farms?	ingements for the movement of live fish on a	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	harvest practices on farms in the area or indiv	vidual farms?
date when a farm or area may be restock 22. Does the FMAg/S identify whether on agreement or statement?	y which the area or individual farm will be fallo ed? e or more year classes may be stocked onto s podstock or potential broodstock are to be kep	sites covered by the
Point of Compliance for Farm Manager 24. Does the farm management agreeme parties to the agreement?	ment Agreements Only ent include arrangements for persons to becon	me, or cease to be,
Management and operation 25. Is the fish farm being managed and o 26. What is the version no/date of issue of	perated in accordance with the agreement or of the FMAg/S?	statement?

Site No: FS1317

Case No: 2023-0138

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2023-0138			Date of visit:	17/05/2023	3		
Site No:	FS1317	Inspector:						
Results Summary	Freq.	Date of Notification						
, , , , , , , , , , , , , , , , , , , ,		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
			-					
							_	
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, SLI, VMD	19/05/2023							





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0119 DATE OF VISIT 17/05/2023
SITE NO FS1317 SITE NAME Rum

Case No 20230138 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.

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) and section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory with regards to parasites and containment and escapes.

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



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

FHI 059, Version 13		Issued by: FHI		Date of is	ssue: 12/05/2020
Case No: 2023-0160			Da	ate of visit:	16/05/2023
Time spent on site:	5 hours	M	lain Inspector:		
Site No: FS1033 Business No: FB0119	Site Name: Business Name:	North Shore Mowi Scotland Ltd			
Case Types: 1 ECI 2	CNI 3 SLI	4 VMD 5	5 6	;	
Water Temp (°C): 9.5	Thermometer No:	T308] FI	Il 045 complet	ted N/A
Observations:	Region: WI	Water type:	S	CoGP MA:	W-3
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see add	ditional informat ditional informat ditional informat	tion/clinical sco	ore sheet.
UNI/REG only - if unable to carry	out intended visit deta	nil reason below:			

Additional Case Information:

Salmon input in December were transferred from Glenfinnan and Loch Ness with some fungus issues.

Slice was administered from 30/03/2023 and fish are currently still in withdrawal. Due to issues with Moritella in particular in pen 15, florfenicol was prescribed from 13/03-26/03/2023. In addition, with lumpfish experiencing high mortalities as a result of Pseudomonas, florfenicol was also administered to this population.

Due to increased signs of AGD, H2O2 treatment conducted wk 9. 18mins 1200 titrations.

Input of lumpfish was in December 2022. Lumpfish came from Ocean Matters Anglesey and Dorset Cleaner fish. Currently the site is holding two pens of cleaner fish - thinning to other pens.

Lumpfish Mortality 2023 (all attributed to Pseudomonas anguillaseptica): Wk2 to Wk14 - 60509, 50.22%

Wk16 - 4978, 3.35%

Wk17 - 5070, 3.53%

Wk18- 2930, 2.11%

Currently no wrasse on site, but wrasse input scheduled for Wk 25 2023.

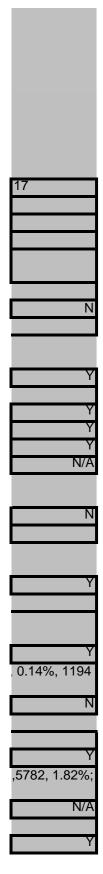
During site inspection it was noted that fish were currently on starve due to elevated levels of algae that may cause concerns to their health, in particular Chaetoceros sp.

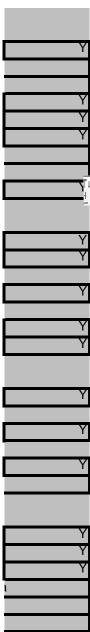
FHI 059, Vers	sion 13		I	ssued by: FHI			Date of issue: 12/05/2020
Case No:	2023-0160		Site No:	FS1033	3		
Date of Visit:		16/05/2023			Inspector(s):		
Registration	/Authorisatio	on Details					
1. Business/s	ite details su	mmary checked	by site represe	entative?			Y
2. Changes n	nade to detail	s?					Υ
Site Details (include clea	ner fish for all s	ections)			_	
Total No facil	ities	17	Facilities stoo	cked	8	No facilities i	nspected
Species	SAL	LUM					
Age group	2022 Q4	2022					
No Fish	874,674	102,886					
Mean Fish Wt	549g	50g					
Next Fallow D	Pate (Site)	March 2024		Next Input Da	ate (Site)	April 2025	
Recent (last 4					Any escapes		it)?
		seudomonas ang	uillasentica		rany occuped	(611100 1401 110	, .
5. Are records 6. Are health Transport Re 1. Are any modern of the second of the seco	s complete and certificates for ecords evenents care a system in ecords ecords	available for deand correctly enter or introductions (or rried out by (or or place for mainte	red? outwith GB) av n behalf) of the nance of trans	vailable? e business (no	rds?		
2. How are m	ortalities disp	osed of?			Ensiled - on s	site	
If other detail: 3. Mortality re		ete and correctly		0.06%. 483: V	/k17, 0.10%. 8	90; Wk16. 0.0	08%, 733, Wk15,
4. Recent mo	rtality (last 4	wks):	,	,	,	,,	,
5. Evidence c	of recent incre	eased/atypical mo	ortalities?				
		ality per facility/no		cility/reason:			
	Wk50 2022	ality during perio , 1.79%, transfer 3759, 1.26%; 202	mortalities du			ion cycle figur	res - 2021 Wk44
7. Have incre	ased (unexpl	ained) mortalities					
If yes, detail a							
8 Have 'mort	ality events' h	peen reported to	FHI? If no en	ter details on r	nortality events	sheet	

<u> </u>	, , , , , , , , , , , , , , , , , , ,
Treatments and Medicines Records	
Recent treatments (see comment)?	
If yes, detail: T.M.S, Slice	
If other, detail:	
Medicines records available for inspection?	
Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	T.M.S, Slice
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal,	recording and safe disposal been considered?
3. Has the manner and period in which the APB will no increased (unexplained) mortality at the site been included.	
· · · · · · · · · · · · · · · · · · ·	e presence or suspicion of the presence of a listed disease is
5. Has the health status of aquaculture animals being shealth status, certification if required)?	stocked on the farm site been covered (equal or higher
6. Have the husbandry and biosecurity measures imple transmission of disease been covered (movement of s	emented between each epidemiological unit to minimise taff, visitors, equipment, live or dead fish etc.)?
7. Is documentation available regarding the measures animals held on site?	in place to maintain the physical containment of aquaculture
8. Have the biosecurity procedures been adequately in	nplemented 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 ves, detail (if not detailed under recent disease proble	ems) Moritella and Pseudomonas anguillasentica

Moritella and Pseudomonas anguillaseptica

Records checked between: 20/10/2021- 16/05/2023





1.1	11 059, Version 15							1551	Jed by. Fn	ı			
	Case no:	2023-0	160	Site No:		FS1033			Date of visi Sampling:	it/	16/0	05/2023	16/0
	Priority samples:	VI		ВА		PA		MG	Sampling.	ні			
	Time sampling starts/ends:	11:1	5:00	12:3	0:00		Inspecto	or:			VMD No	о.	17
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		РΑ		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-2	3-4										
	Pool Group												
	Species	SAL	SAL										
	Average weight	500g	500g										
	Sex	N/A	N/A										
	Water Type	SW	SW										
Stock Details	Stock Origin	Loch Ness (FS0434)	Loch Ness (FS0434)										
Š	Facility No	7	8										

05/2023 Additional Sample Information:	
0 Total Tests assigned 0	

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2023-0160		Site No:	FS1033		Insp:	
Date of Visit	16/05/2023		No of me	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	0	18	26	0
	Number of supp	cluding third country	0		10	26 14	0
Marrana							- 6
Movements off	Frequency of m Number of dest		0		6	10 10	3
Exposure via water	Trambor or door	Site contacts			6-10		,
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through porehole)	0				
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		2
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro		0				0
	Processing owr	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2	1			
	Processing fish equivalent statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0	1			
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	,]			0
oos or ampaoroamooa roodo	Feeding unpast	•	5				ű
Biosecurity		Number of sites	1	1 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing st	aff and equipment	0	1	2		1
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total		16
					Rank		MEDIUM

FHI 059, Version 13		Issued by: FHI	Date of issue:	12/05/2020
Case No:	2023-0160		Site No:	
Sea Lice Inspection (Seav	vater Sites Only)			
1. Has the site experienced	sea lice problems in t	he previous 4 years?		
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?				
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of				
4. Is there a signed docume	ented farm manageme	ent agreement or statement relevant to the site	e and CoGP Farm Management A	2

5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)

- 6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
- 7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records 6)
- 8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or during the period that records are inspected?

If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.

- 9. Is C. elongatus infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
- 10. Have therapeutic treatments been administered or other actions taken when *L. salmonis levels* have exceeded the suggest where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)
- 11. Has any other action been taken (where applicable)?
- 12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
- 13. Are treatments, where conducted, carried out in cooperation between participating farms?
- 14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice
- 15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scel a sea lice infestation?
- 16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

Containment Inspection

- 1. Has the site experienced equipment damage due to predators in the current or previous production cycles?
- 2. Are measures in place to mitigate against the predation experienced on site? (Detail below)

Seal pro

If other, detail below:

- 3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?
- If Yes proceed with questions 4 9. If No skip to question 10
- 4. Have these been reported to Scottish Ministers?
- 5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP 4.4.37, 5.4.17)
- 6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP 4.4.37, 5.4.17)
- 7. Were methods (if any) used to recover escapees? If yes give detail

8. If gill nets were deployed was this action agreed with	local wild fish interests and was	permission given by Scottish Ministe	rs
5.4.18)			

9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could

be considered under satisfactory measures of the Act)

10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)

i ili 059, version 15	
FS1033	
	Υ
	Y
and emamectin benzoate) as	
time?	
(N/
Area (or equivalent)?	Υ
	Υ
	Υ
are inspected? (CoGP Annex	Υ
above (from w/b 10/6/19)	Y
above (non w/b 10/0/19)	
	Υ
	N
	V.
ed criteria for treatment or	Υ
	Υ
	Y
	Υ
?	Υ
narios during the escalation of	Υ
	V
	<u> </u> '
	N
	ľ
	N
(Legal, CoGP – 4.4.38,	
	Υ

FHI 059, Version 13	Issued	l by: FHI	Date of	issue: 12/05/2020
Case No: 2023-0160	Site No: FS10	33		
Date of Visit: 16/05/2023	Inspector:			
Point of Compliance				
1. Is the farm under inspection located v	within a farm managem	nent area?		Υ
If N, no further questions require comple	etion.			
Points of Compliance for Both Farm	Management Agreem	ents and Statements		
2. Has a current farm management agre			?	Y
3. Is the current FMAg/S available for in	spection?			Υ
4. Does the FMAg/S identify the relevan	it farm management ar	ea?		Υ
Does the FMAg/S identify the fish far				Y
6. Does the FMAg/S identify the date of		agreement or statemer	nt?	Υ
7. Does the FMAg/S identify the date of	review?			Y
Arrangements for Fish Health Manag				
8. Does the FMAg/S identify the minimufarm?	ım health standards for	the stocks to be introdu	iced to the area or	Y
Does the FMAg/S identify the vaccina	•			Υ
Does the FMAg/S identify the specie	•			Υ
11. Does the FMAg/S identify the maxin individual farm?	num stocking density o	f any pen on any farm in	the area or the	Y
12. Does the FMAg/S identify the arrang fish farm in the area or the individual fa	-	e and disposal of any de	ad fish from any	Y
Arrangements for The Management of	of Sea Lice			
13. Does the FMAg/S identify arrangem	ents for the sharing of	data on sea lice number	s and treatments?	Υ
14. Does the FMAg/S identify the availa of statement?	bility and the use of me	edicines on farms covere	ed by the agreement	Υ
15. Does the FMAg/S identify any requinulate on farms in the area or individual fa		vity testing of available tr	eatments for sea	Υ
		niological controls and a	looner fich are to be	V
Does the FMAg/S identify the circun used on farms in the area or individual f		Diological controls and ci	earier fish are to be	
17. Does the FMAg/S identify the arrang	gements for synchrono	us treatments on farms	within the area?	Y
Live Fish Movements				
18. Does the FMAg/S identify the circun area or farm?	nstances when live fish	may be introduced or re	emoved from the	Y
19. Does the FMAg/S identify the arrangor individual farms?	gements for the moven	nent of live fish on and o	ff sites in the area	Y

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptabl	e harvest practices on farms in the area or indivi	dual farms?
date when a farm or area may be restoo		
agreement or statement?	one or more year classes may be stocked onto sit proodstock or potential broodstock are to be kept	
covered by the agreement or statement		off any site
Point of Compliance for Farm Manag 24. Does the farm management agreem parties to the agreement?	ement Agreements Only nent include arrangements for persons to become	e, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and 26. What is the version no/date of issue	operated in accordance with the agreement or so of the FMAg/S? 01/09/2022	tatement? Y

Site No: FS1033

Case No: 2023-0160

Nature of non-compliance:

Action taken (FHI):

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

Case No: 2023-0160 Date of visit: 16/05/	2023
Site No: FS1033 Inspector:	
Results Summary Freq. Date of No	tification
Database Insp Phone Insp	Writing Insp 2 nd Insp
Report Summary	
Case Type Date Insp 2 nd Insp	
ECI, CNI, SLI, VMD 19/05/2023	





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0119
 Date of Visit
 16/05/2023

 Site No
 FS1033
 Site Name
 North Shore

 Case No
 20230160
 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

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: 19/05/2023

	Issued by: FHI	Date of issue: 12/05/2020
		Date of visit: 16/05/2023
.5 hours	Main Inspe	ctor:
Site Name: Business Name:	Tabhaigh Mowi Scotland Ltd	
2 CNI 3 SLI	4 VMD 5	6
Thermometer No:	T308	FHI 045 completed N/A
Region: WI	Water type: S	CoGP MA: W-3
fish present? d?	Y If yes, see additional inf	formation/clinical score sheet. formation/clinical score sheet. formation/clinical score sheet.
out intended visit deta	uil reason below:	
	Site Name: Business Name: 2 CNI 3 SLI Thermometer No: Region: WI fish present? d?	Site Name: Business Name: Tabhaigh Mowi Scotland Ltd 2 CNI 3 SLI 4 VMD 5 Thermometer No: Tabhaigh Mowi Scotland Ltd 5 VMD 5 Thermometer No: Tabhaigh Mowi Scotland Ltd Y If yes, see additional information of the present of t

Additional Case Information:

Input of fish from Loch Ness and Glenfinnan occurred in Sept 2022.

Slice was administered between 03/03/2023 to 12/04/2023. Therefore, on date of inspection fish were in withdrawal for Slice. The end of the withdrawal period is expected to be 04/06/2023.

AGD has been an issue on site with currently ~ 20% of the site showing lesions. Many fish have outgrown their lesions and are coping weel with it. Freshwater treatments are planned for end May/June.

Seal interacions were an issue in December 2023 but since have decreased. Pens most affected were pen 9, 10 and 15. A seal was observed in pen 10 on 26/12/2022 during net washing. Bird net lifted and seal exited. Netwashing camera showed no holes in the net when checked and divers confirmed this on 27/12/2022. Notifications recieved on 25/05/2023 following discussion that this incident should have been reported previously in December 2022.

HSMI has been observed specifically in pen 3, 7, 8, 9 and 10.

Migdale Transport used for any transfers.

During the inspection of cleaner fish records, increased mortalities were observed in the wrasse population. From week 37 to 41 2022, the site received weekly wrasse inputs of farmed and wild wrasse. Simultaneously, elevated mortality was occurring following these inputs, with percentages between 1.34% and 5.65% observed. Elevated mortality continued until week 10 2023, with average weekly mortality percentage at 6.66% and average weekly mortality count of 5334. Specifically, two spikes in mortality were noted; Wk 50 2022 with 19.75% (18681) and Wk 3 2023 with 19.68% (10099). The cause of mortality was attributed to poor quality on input, with these morts being classed as 'without diagnosis- fresh' in mortality reports. To date, from week 37 2022, an approximate total of 133,119 wrasse have been lost from an input total of approximately 164,109. lumpfish onsite have been input onto site in April 202 from cleanerfish.

Recent Lumpfish mortality (2023): Wk15- 0.14%, 51 Wk16- 1.68%, 602 Wk17- 1.28%, 452 WK18 - 1.85%, 645

Site inspection conducted on 16/05/2023. During site inspection very few moribund fish observed, with some fish seen swimming deeper with old and healing moritella lesions. These fish were out of reach and swimming behaviour was normal, therefore no fish were samples for diagnostic purposes. Fish removed for VMD sampling were in good and healthy condition.

Site is planning to move 4 pens from Tabhaigh to Scalpay on skye in summer 2023.

FHI 059, Versio	n 13		Issu	ed by: FHI		Date of issue: 12/05/2020
Case No:	2023-0170		Site No:	FS1297	7	
Date of Visit:		16/05/202	3		Inspector(s):	
Registration/A	uthorisation	Details				
_		mary checked by	site representa	ative?		Y
2. Changes ma	de to details?	·				Y
Site Details (in	nclude clean	er fish for all sec	tions)			
Total No faciliti		10	Facilities sto	cked	8	No facilities inspected
Species	SAL	WRS	LUM			
Age group	2022 Q4	Wild caught	2023			
No Fish	1,087,747	2,000	15,000			
NA	1.363kg	mix	55-60g			
Mean Fish Wt Next Fallow Da	te (Site)	March-May 20	124	Next Input Dat	to (Sito)	September 2024
Recent (last 4)	` '		724		_ ` '	(since last visit)?
		AGD, Moritella		'	Ally escapes	(Silice last visit):
ii yes, uetaii.	FRV/HSIVII,	AGD, Montelia				
 Date of last i Are records Are moveme Are records 	nspection: complete and ent records av complete and ertificates for	ole for inspection? correctly entered railable for dead for correctly entered introductions (out	l? ish and waste? l?			20/10/2021
•		ed out by (or on b	ehalf) of the bu	usiness (not using	a STB)?	
•		ace for maintena	•	,	,	
2. How are mon	ords available rtalities dispos	e for inspection? sed of? e and correctly en		0000 0 000/ W	Ensiled - on s	
4. Recent mort	• •	<s): sed/atypical morta</s): 		, 3899, 0.36%; WI	K 17, 4010,0.37	%; Wk16, 3513, 0.372; Wk 15, 30
		y per facility/no st		/reason:		
If yes, detail: 7. Have increas If yes, detail ac	2022 Wk39, sed (unexplain tion:	ned) mortalities b	ause was failed een reported to	d smoltification (the ovet or FHI?		

Biosecurity Records

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

If no, detail:

Results of Surveillance

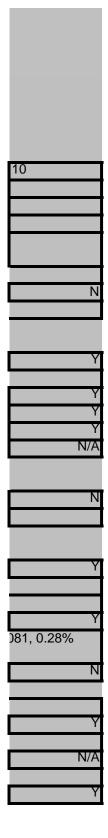
- 1. Has any animal health surveillance been carried out by, or on behalf of, the business?
- 2. If yes, are results available for inspection?
- 3. Any significant results?

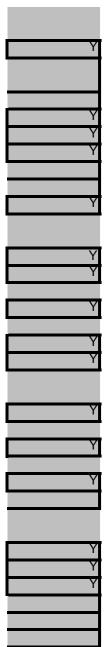
lf١	ves.	detail	(if not	detailed	under	recent	disease	problems).

PRV/HSMI and AGD, Moritella

Records checked between:

20/10/2021-16/05/2023





Г	HI 059, Version 13							188	ued by: FF	11			
	Case no:	2023-0°	170	Site No:		FS1297			Date of vis		16/0	05/2023	16/0
	Priority samples:	VI		ВА		PA		MG	Sampling.	н			
	Time sampling starts/ends:	11:1	5:00	12:3	0:00		Inspecto	or:		_	VMD No). [20
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
Г	Fish nos	1	2										
	Pool Group												
	Species	SAL	SAL										
	Average weight	1.3kg	1.3kg										
	Sex	N/A	N/A										
	Water Type	SW	SW										
Stock Details	Stock Origin Facility No	0 Glenfinnan (FS0742)	Roch Ness (FS0434)										
U.	11 40	10	10										

rni 059, versic	11 13						155	ueu by.	ГП		
05/2023 Additio	nal Sam	ple Infor	mation:								
0	Total To	ests ass	igned	0	J						

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2023-0170		Site No:	FS1297		Insp:	
Date of Visit	16/05/2023		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	0	40	20	0
орсою	Number of supp	ocluding third country	0			26 14	0
Movements off	Frequency of m		0			10	6
Exposure via water	Number of desi	Site contacts				10	3
Water contacts with other	Farm is protect	ed (secure water supply through	T	I-3	0-10		
farms (holding species	disinfection or b		0				
susceptible to same		or in a coastal zone with category I	1	2	4		2
diseases)		or within 1 tidal excursion or in a coastal zone with category III	I	2	4		
		or within 1 tidal excursion	1	3	6		
	Farm is on-line	or in a coastal zone with category V					
	farms upstream	or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with	Any processing	plant discharging into adjacent waters					
processors			0	1	2		0
On farm processing within	No on farm pro	cessing	0				0
the rules of the directive	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2	-			
	Processing fish	from zone or compartment of					
	equivalent statu		4				
		from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0				
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	<u>.</u> 1			0
·	Feeding unpas	<u>.</u>	5				
Biosecurity		Number of sites	1	ו 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing st	aff and equipment	0	1	2		1
Disinfection of equipment	Yes		0	1			0
between sites, use of	No		0				0
footbaths etc			1	J			
CoGP/Regulator Practices in accordance	Yes			1			
with regulator or industry			0				0
code of practice	No		3				
Platform access to cages	Yes		0	1			0
and the second second second	No		2				
				J			
					Total		16
					Rank		MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0170		Site No:
Sea Lice Inspection (Seawater Sites Only)		
1. Has the site experienced sea lice problems i	n the previous 4 years?	
2. Is the CoGP Farm Management Area (or equ	uivalent) fallowed synchronously on a single y	ear class basis?
3. Does the site have access to a range of licer well as access to suitable biological and/or med	· ·	•
4. Is there a signed documented farm manager	ment agreement or statement relevant to the si	ite and CoGP Farm Management A
5. Are sea lice count records available for inspe	ection? (Legal SSI, CoGP Annex 6)	
6. Do records adequately reflect the required st	tandard specified in the SSI and the CoGP? (L	egal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels belo6)	w the suggested criteria for treatment in the Co	oGP during the period that records
8. Have average adult female sea lice (<i>L. salme</i> during the period that records are inspected?	onis) numbers per fish been at a level of 3 or a	above (prior to w/b 10/6/19) or 2 or
If yes, have these been reported to the Fish He	alth Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level which is	s considered to cause significant welfare proble	ems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments been administ where <i>C. elongatus</i> is considered to have welfa		levels have exceeded the suggest

11. Has any other action been taken (where applicable)?

- 12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
- 13. Are treatments, where conducted, carried out in cooperation between participating farms?
- 14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice
- 15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scel a sea lice infestation?
- 16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

Containment Inspection

- 1. Has the site experienced equipment damage due to predators in the current or previous production cycles?
- 2. Are measures in place to mitigate against the predation experienced on site? (Detail below)

Seal Pro

If other, detail below:

- 3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?
- If Yes proceed with questions 4 9. If No skip to question 10
- 4. Have these been reported to Scottish Ministers?
- 5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP 4.4.37, 5.4.17)
- 6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP 4.4.37, 5.4.17)
- 7. Were methods (if any) used to recover escapees? If yes give detail

8. If gill	nets were deployed	d was this action ag	reed with local	wild fish interests	s and was permissi	ion given by Scott	ish Ministers?
5.4.18)							

9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could

be considered under satisfactory measures of the Act)

10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)

FHI 059, Version 13	
FS1297	
	N
	Y
s and emamectin benzoate) as time?	Y
Area (or equivalent)?	Υ
	Υ
	Y Y
are inequated? (CoCD Annov	N
are inspected? (CoGP Annex	IN
above (from w/b 10/6/19)	Υ
	V
	Y N
ed criteria for treatment or	Υ
	N/A
	Υ
0	Y
?	Y
narios during the escalation of	Υ
	Υ
	N Y
	<u>'</u>
(Legal, CoGP – 4.4.38,	
(Logai, 0001 – 4.4.00,	
	ly
	1

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0170	Site No: FS1297	
Date of Visit: 16/05/2023	Inspector:	
Point of Compliance		
1. Is the farm under inspection located v	within a farm management area?	Υ
If N, no further questions require comple	etion.	
Points of Compliance for Both Farm	Management Agreements and Statem	ents
•	eement or statement (FMAg/S) been pre	
3. Is the current FMAg/S available for in	nspection?	Υ
4. Does the FMAg/S identify the relevan	nt farm management area?	Υ
Does the FMAg/S identify the fish fare		Y
· · · · · · · · · · · · · · · · · · ·	commencement of the agreement or sta	atement? Y
7. Does the FMAg/S identify the date of	review?	Y
Arrangements for Fish Health Manag		
8. Does the FMAg/S identify the minimu farm?	um health standards for the stocks to be i	introduced to the area or Y
•	ation requirements for stocks held in the	
•	es of fish which may be stocked into the	
11. Does the FMAg/S identify the maxin individual farm?	mum stocking density of any pen on any f	farm in the area or the
12. Does the FMAg/S identify the arrang fish farm in the area or the individual fa	gements for the storage and disposal of a arm?	any dead fish from any
Arrangements for The Management o	of Sea Lice	
13. Does the FMAg/S identify arrangem	nents for the sharing of data on sea lice n	umbers and treatments?
14. Does the FMAg/S identify the availa of statement?	ability and the use of medicines on farms	covered by the agreement Y
15. Does the FMAg/S identify any requir	rements for the sensitivity testing of avail	able treatments for sea
lice on farms in the area or individual fai		y
16. Does the FMAg/S identity the circun used on farms in the area or individual f	nstances under which biological controls farms?	and cleaner fish are to be Y farms within the area?
17. Does the FMAg/S identify the arrang	gements for synchronous treatments on	farms within the area?
Live Fish Movements		
18. Does the FMAg/S identify the circun area or farm?	mstances when live fish may be introduce	
19. Does the FMAg/S identify the arrangor individual farms?	gements for the movement of live fish on	and off sites in the area

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable	e harvest practices on farms in the area or indivi	idual farms?
oint of Compliance for Farm Management Agreements Only 4. Does the farm management agreement include arrangements for persons to become, or cease to be, arties to the agreement?		ites covered by the
23. Does the FMAg/S identify whether b covered by the agreement or statement		on any site
		e, or cease to be, N/A
		tatement? Y

Case No:	2023-0170	1		Data of vi	isit: 16/05/20	123				
Case No.	2023-0170	J		Date of V	isit. 10/05/20	023				
Site No:	FS1297	Inspector:								
Results Summary	Freq.		Date of Notification							
		Database	e Insp	Phone	Insp	Writing	Insp	2 nd Ins		
	4									
	+									
	+									
	+									
Report Summary				7						
Case Type	Date	Insp	2 nd Insp							
ECI, CNI, SLI, VMD	22/05/2023									
	+									
	-									
	+									
	+									





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0119 Date of Visit 16/05/2023
Site No FS1297 Site Name Tabhaigh
Case No 20230170 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

Signed:

Fish Health Inspector

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

Date: 22/05/2023

FHI 059, Version 13	ŀ	ssued by: FHI	Date of issue: 12/05/2020					
Case No: 2023-0174			Date of visit: 15/05/2023					
Time spent on site:	5 minutes	Main Inspect	or:					
Site No: SS0233	Site Name:	Site 1 (north)						
Business No: SB0155	Business Name:	Loch Eishort Mussel Centre						
Case Types: 1 ECI	2 3	4 5	6					
Water Temp (°C): 12.76	Thermometer No:	T310	FHI 045 completed					
Observations:	Region: HI	Water type: S	CoGP MA					
Dead/weak/abnormally behaving fish present? N If yes, see additional information/clinical score sheet.								
Clinical signs of disease observed	d?	N If yes, see additional information/clinical score sheet.						
Gross pathology observed? N If yes, see additional information/clinical score shee								
Diagnostic samples taken?		IN						
UNI/REG only - if unable to carry out intended visit detail reason below:								

Additional Case Information:

Samples are sent for e.coli testing every week.

Site does not harvest anything out over summer months due to algal blooms but over winter large harvests are done to satisfy local market as well as SLF Shellfish in London.

Whole site was observed but only one line could be closely examined due to managers broken boat. Line that was examined was currently being harvested using a floating pontoon.

Mussels examined had little fouling with only a couple of empty open shells observed.

No increased mortality has been observed on site by the site manager since the last inspection.

Site inspection and paperwork carried out by , observed by . 15/05/2023

FHI 059, Version 13		_	Issu	ued by: FHI	_	Da	ate of issue:	12/05/2020	
Case No:	2023-0174		Site No:	SS0233					
Date of Visit:		15/05/202	3		Inspector(s):				
Registration/Autho	risation Deta	ails							
1. Business/site deta	ails summary	checked by	site represent	ative?		Υ			
2. Changes made to	details?					N			
Site Details (includ	e cleaner fis	h for all sec	tions)						
Total No facilities		12	Facilities sto	ocked	5	No facilities in	nspected 1	2	
Species	MED	MED	MED						
Age group	2022	2021	2020						
No Fish	1 line	2 lines	2 lines				_		
Mean Fish Wt	35-45mm	45-55mm	60-70mm						
Next Fallow Date (S		Continuous		Next Input Da	te (Site)	Wild spatfall 2	2023		
Recent (last 4 wks)	•		-,		_ ` ′	(since last visi		N	
If yes, detail:					,, cocuped	(5.1.100 1001 110.	,.		
 Are records comp Are movement red Are records comp Are health certific Transport Records Are any movement If yes, is there a system 	cords availab elete and corre ates for introd nts carried ou	le for dead fi ectly entered luctions (out t by (or on be	sh and waste' l? with GB) avail ehalf) of the b	able? usiness (not usi			Ē	Y N/A N/A	
Mortality Records									
Mortality records a	available for i	nspection?					Г	N/A	
2. How are mortalitie	es disposed o	f?			Other (detail)				
If other detail:	empty shells	fall to seabe	ed						
3. Mortality records								N/A	
4. Recent mortality (last 4 wks):		n/a						
5. Evidence of recent increased/atypical mortalities?								N/A	
If yes, facility nos/no mortality per facility/no stock per facility/reason:									
6. Any other peaks in	n mortality du	ring period o	hecked?					N/A	
If yes, detail:									
7. Have increased (unexplained) mortalities been reported to vet or FHI?									
If yes, detail action:									
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.									

Treatments and Medicines Records	
1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
1. Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	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	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	V
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	V
8. Have the biosecurity procedures been adequately implemented on site?	ĭ
If no, detail:	
Results of Surveillance	
Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	- '
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
il yes, detail (il flot detailed dildel recent disease problems).	

FHI 059, Version 13	Issued by: FHI			Date	of issue: 12
Case Number:	2023-0174 Site No:	SS023	3		
Date of ∀isit	15/05/2023 Inspector:				
Number of Susceptil	ble species on site				
	ies present = <u>LOW</u> risk				
If susceptible species	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	0
Sites within a tidal e	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal				
	excursion	0	2	10	0
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Marramanta aff					
Movements off	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	0
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	0
	Number of destinations	0	3	6	0
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	0
	Depuration of stock from other businesses sites within MSS management area	0	2	6	0
	Depuration of stock from sites outwith MSS management area		4	8	0
Biosecurity	Number of sites	1	2 or 3	≥ 4	
Contacts with other	Sites operating from single shorebase	0	1	2	1
sites	Sites sharing staff and equipment	0	1	5	1
			Yes	No	
	Disinfection of equipment between sites, use of footbath	is etc	0	2	0
	Disinfection of equipment between sites, use of footbath	is etc	Total Risk	2	5 LOW

		_				_		
Case No:	2023-0174			Date of visit:	15/05/2023			
Site No:	SS0233			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					
ECI	22/05/2023							





SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 SB0155
 DATE OF VISIT
 15/05/2023

 SITE NO
 SS0233
 SITE NAME
 Site 1 (north)

 CASE NO
 20230174
 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

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

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

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

Signed:

Date: 23/05/2023

Fish Health Inspector

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

FHI 059, Version 13	Issu	ued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0175			Date of visit: 11/05/2023
Time spent on site:	5hrs	Main Inspecto	or:
Site No: SS0964 Business No: SB0569	Site Name: Business Name:	Rastech Eden Campus (SF) Rastech CIC (Shellfish)	
Case Types: 1 ECI 2	2 ALA 3	4 5	6
Water Temp (°C): 28	Thermometer No:	Site	FHI 045 completed
Observations:	Region: FI	Water type: S	CoGP MA: None
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken? UNI/REG only - if unable to carry	d?	N If yes, see additional infor N If yes, see additional infor N	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.

Additional Case Information:

Following previous inspection, it was determined that the site met the requirements of a closed facility as defined in The Alien and Locally Absent Species in Aquaculture (Scotland) Regulations 2015 (ALAS Regs) and was exempt from having to apply for a permit to hold the non-native species Litopenaeus vannamei. As part of the assessment, no live animals would leave the site.

Site was re-inspected following an enquiry regarding the possibility of moving live animals off the site to other research establishments within the UK to determine if the site still met the requirements of a closed facility as defined in the ALAS Regs.

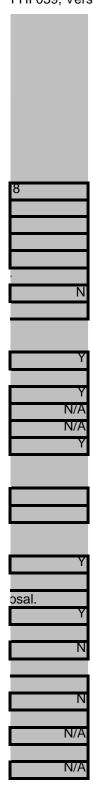
Live transport SOP was inspected and found to be satisfactory with regards to biosecurity and containment.

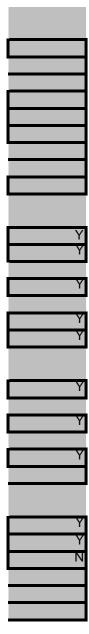
The mortality since the last inspection was attributed to transport mortality in the earlier developmental stages following input. The animals on site appeared in good health and were active in the tanks.

The site has plans to take some of the animals on site through to broodstock, when they can begin to produce their own larvae and reduce the number of imports required (site expects to have to import once per year to introduce new genetic material to the lines). This development is not expected until 2024.

FHI 059, Version 13			Issued by: FHI		Date of issue: 12/05/2020
Case No:	2023-0175	Site N	lo: SS0964]	
Date of Visit:		11/05/2023		Inspector(s):	
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary c		esentative?		Y N
Site Details (included Total No facilities Species Age group No Fish Mean Fish Wt Next Fallow Date (Secont (last 4 wks) of the secont (last 4 wks) of the second content of t	LPV 2023 ~40,000 >0.5g	Facilit None planned.	ies stocked Next Input Da	_ ` '	No facilities inspected Later in 2023/early 2024 (since last visit)?
•	s available for ction: blete and correctords available blete and correctates for introducts carried out	ctly entered? for dead fish and vectly entered? actions (outwith GB) by (or on behalf) of			07/11/2022
Mortality Records 1. Mortality records a 2. How are mortalitie If other detail: 3. Mortality records a 4. Recent mortality (5. Evidence of recer If yes, facility nos/no	available for inses disposed of a Stored in IBC complete and clast 4 wks):	spection? on site before bein correctly entered? ~10% /pical mortalities?	g collected ~once a y since last inspection	Other (detail) ear by a licens	ed waste carrier for disponsion (12-PL16 stage)
6. Any other peaks i If yes, detail: 7. Have increased (utilityes, detail action: 8. Have 'mortality ev	unexplained) m	ortalities been repo		ality events sh	eet.

Treatments and Medicines Records
1. Recent treatments (see comment)?
If yes, detail:
If other, detail:
2. Medicines records available for inspection?
3. Are records complete and correctly entered?
4. Are fish in a withdrawal period?
5. If yes, what treatment(s)?
If other, detail:
6. Are medicines stored appropriately?
Biosecurity Records
Biosecurity records available for inspection?
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any
increased (unexplained) mortality at the site been included?
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease
is detected been included and how and when that will be notified to Scottish Ministers?
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher
health status, certification if required)?
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?
7. Is documentation available regarding the measures in place to maintain the physical containment of
aquaculture animals held on site?
8. Have the biosecurity procedures been adequately implemented on site?
If no, detail:
Results of Surveillance
1. Has any animal health surveillance been carried out by, or on behalf of, the business?
2. If yes, are results available for inspection?
3. Any significant results?
If yes, detail (if not detailed under recent disease problems).
Records checked between: 07/11/22 - 11/05/23





FHI 059, Version 13	Issued by: FHI		Date of issue: 12		
Case Number:	2023-0175 Site No:	4			
Date of Visit	11/05/2023 Inspector:				
Number of Susceptib	ole species on site				
_	es present = LOW risk				
If susceptible species	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	0
	Susceptible to Marteilia refringens (OED, MED)		0	3	0
	Susceptible to OsHV (CGI)		0	3	0
Sites within a tidal ex	ccursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal				
	excursion	0	2	10	0
Live shellfish movem	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	
Wovernents on	Frequency of movements on from equivalent zone or				\vdash
	compartment including third country	0	10	20	10
	Number of suppliers	0	5	10	5
Movements off	F (((((((((((((((((((
movemente en	Frequency of movements off within MSS Management	_	4		
	Areas Frequency of movements off outwith MSS Management	0	1	2	0
	Areas	0	3	6	0
	Number of destinations	0	3	6	0
				<u> </u>	
			Secure	Unsecure	
Management		Nama	(effluent	(no effluent	
practices		None	treatment)	treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS				l I
deputation facilities	management area	0	1	2	0
	Depuration of stock from other businesses sites within				l I
	MSS management area	0	2	6	0
	Depuration of stock from sites outwith MSS management	0	4	8	0
	area	U	4	0	
Biosecurity	Number of sites	1	2 or 3	≥ 4	
Contacts with other	Sites operating from single shorebase	0	1	2	1
sites	Sites sharing staff and equipment	0	1	5	1
			Yes	No	
	Disinfection of equipment between sites, use of footbath	0	2	0	
			Total		17
			Risk		17 MEDIUM
			NISK		MEDIUM

Case No:	2023-0175			Date of visit:	11/05/2023			
O'' N						•		
Site No:	SS0964	J		Inspector:				
Results Summary	Freq.				te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
ECI ALAS	08/06/2023 08/06/2023							
ALAG	08/00/2023							





SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0569 **DATE OF VISIT** 11/05/2023

SITE NO SS0964 SITE NAME Rastech Eden Campus (SF)

Case No 20230175 INSPECTOR

The production facilities at Rastech Eden Campus (SF), operated by Rastech CIC (Shellfish), were inspected on 11th May 2023 to determine if a proposed change to operational activities, (supplying white leg shrimp to research facilities) would require a permit under the Alien and Locally Absent Species in Aquaculture (Scotland) Regulations 2015 ("the 2015 regulations").

Movements of alien or locally absent species to facilities meeting the definition of a 'closed aquaculture facility' are exempt from the permit process by these Regulations, provided that transport is carried out under conditions that prevent the escape of those species and any non-target species.

It was determined that the facilities and the proposed change to operation met the requirements of a closed aquaculture facility under Article 3(3) of Council regulation (EC) No 708/2007. The transport methods proposed were deemed to be acceptable with regards to containment and prevention of escape.

Operational activities included:

- Site access through a locked entrance to prevent unauthorised entry from persons, predators or vermin:
- Aquaculture conducted in a recirculation system;
- The facilities will only be stocked with Litopenaeus vannamei (white leg shrimp);
- Waste water is passed through a drum filter prior to discharge for tertiary treatment;
- Mortalities are removed daily and stored in a bio-secure manner prior to disposal;
- Mortalities will be collected by an approved waste contractor for biosecure disposal;
- Transportation of stock into the site is conducted in sealed bags within sealed boxes, with all
 water associated with the transport discharged into the recirculating system;
- All materials associated with transport are disinfected prior to disposal;
- An auditable record of stock and product transfers is maintained;
- If stock is required to be euthanized on site, disposal will be completed by an approved waste contractor:
- All live movements off site will be in sealed bags within sealed boxes as described in the under one gram shrimp transport SOP.

The Rastech Eden Campus (SF) site, will not require to apply for a permit to introduce *Litopenaeus vannamei* (white leg shrimp) under Council Regulation (EC) No 708/2007 due to the facilities currently being regarded as meeting the requirements of a closed aquaculture facility and the transport of *Litopenaeus vannamei* (white leg shrimp) being conducted under conditions that will prevent their escape.

Rastech CIC (Shellfish) are reminded that should there be any change to the current operational practices at the Rastech Eden Campus (SF), this may result in the requirement for a permit under the 2015 Regulations. To ensure compliance with the 2015 Regulations these changes must be discussed with the Fish Health Inspectorate prior to being implemented.

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

Signed: Date: 08/06/2023

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





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0569 Date of Visit 11/05/2023

SITE NO SS0964 SITE NAME Rastech Eden Campus (SF)

CASE NO 20230175 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

An inspection under the Alien and Locally Absent Species in Aquaculture (Scotland) Regulations 2015 was also conducted, a separate report will be issued in due course detailing the outcome of that inspection.

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



Fish Health Inspector

Signed:

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

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2023-0176			Date of visit: 11/05/2023			
Time spent on site:	5hrs	Main Inspec	tor:			
Site No: FS1356 Business No: FB0586	Site Name: Business Name:	Rastech - Eden Campus Rastech CIC (Fish)				
Case Types: 1 ECI 2	3	4 5	6			
Water Temp (°C): 1	Thermometer No:	Site	FHI 045 completed			
Observations:	Region: FI	Water type: F	CoGP MA: None			
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N				
UNI/REG only - if unable to carry	out intended visit detai	reason below:				

Additional Case Information:

Site is currently under development to increase capacity. Currently, fish are involved in a stocking density study to establish optimum environmental parameters for growth and welfare with a view of increasing production at the end of June. A separate polytunnel is being constructed on site of the same specifications as the existing one. A separate, biosecure egg shed has also been erected on the site. Plan is to move the existing fish into the new tunnel where there will be larger tanks.

Site has plans to stun the fish on site before transporting them to a local processing plant where they will be prepared and distributed for human consumption.

Site receives eggs from Canada twice per year. The mortality in the <5g fish since the last inspection was attributed to failed eggs.

The fish on site appeared in good condition and were active in the tanks. Site thermometer used due to biosecurity risk.

FHI 059, Version 13	3		lss	ued by: FHI			Date of issue	e: 12/05/2020
Case No:	2023-0176		Site No:	FS1350	6			
Date of Visit:		11/05/202	23		Inspector(s):			l
Registration/Author	orisation Deta	nils						
1. Business/site det			site represen	tative?			Υ	1
2. Changes made t	o details?	·					Υ	
Site Details (inclu	do cloanor fis	h for all so	ctions)					
Total No facilities	de cleaner ns	8	Facilities st	ocked	8	No facilitie:	s inspected	8
Species	ACH	ACH	ACH	ACH		TTO TOOMETO		
Age group	Cohort a&B		Cohort D	Cohort E				
No Fish	2,047	12,018	13,766	18,155				
Mean Fish Wt	600g	8.9g	6g	0.3g				
Next Fallow Date (S		No fallow.	-9	Next Input D	ate (Site)	Late 2023/	early 2024	
Recent (last 4 wks)	disease probl	ems?			N Any escapes	(since last v	visit)?	N
If yes, detail:				_		,	,	
4. Are movement re 5. Are records com 6. Are health certific Transport Records 1. Are any movement If yes, is there a systematical	plete and corrected for introdes sents carried ou	ectly entered luctions (ou t by (or on b	d? twith GB) avai behalf) of the b	ilable? ousiness (not us	•			N/A N/A Y
Mortality Records								
1. Mortality records		nspection?						Y
2. How are mortaliti		•			Other (detail)			
If other detail:	Stored in IBO	C on site be	fore being upl	ifted by licence	d waste carrier	~once per y	/ear.	
3. Mortality records								Y
4. Recent mortality	,			g, 43,633 fish <	<5g since input			
Evidence of rece		• •						Y
If yes, facility nos/no		•		•				
Elevated mortality of				ted to failed/pod	or quality eggs.			
6. Any other peaks	in mortality du	ring period	checked?					N
If yes, detail:	('-' '		4 FI II 2				NI/A
7. Have increased (` '	nortalities b	een reported	to vet or FHI?				N/A
If yes, detail action: 8. Have 'mortality e		ported to EL	II2 If no onto	r details on mor	rtality events of	noot		N/A
o. Have mortality e	venus peemie	poned to Fr	ii ii iio, ente	i u c talis on moi	itality everits Si	icel.		IN//

Treatments and Medicines Records	
1. Recent treatments (see comment)?	N
If yes, detail:	
If other, detail:	NI/A
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	N
4. Are fish in a withdrawal period?	IN
5. If yes, what treatment(s)?	
If other, detail:	N/A
6. Are medicines stored appropriately?	IN/A
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	-
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and <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	V
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	N
If yes, detail (if not detailed under recent disease problems).	
Records checked between: First inspection	

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2023-0176		Site No:	FS1356		Insp:	
Date of Visit	11/05/2023		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	0
	Number of supp	cluding third country	0		10	14	5
NA							2
Movements off	Frequency of m		0		6	10 10	3
Exposure via water	Trambor or door	Site contacts	ļ		6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through porehole)	0				0
susceptible to same diseases)		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 or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro		0				
	Processing owr	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2	1			
	Processing fish equivalent statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0	1			0
products	Common proce	sses with other farms	3				
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	,]			0
ooo or ampaotoamooa roodo	Feeding unpast	•	5				, and the second
Biosecurity		Number of sites	1	J 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing st	aff and equipment	0	1	2		0
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total Rank		21 MEDIUM
					Kank		MILDIOW

Case No:	2023-0176			Date of visit:	11/05/2023	3				
Site No:	FS1356	1		Inspector:						
Results Summary	Freq.	Database	lnon	Da Phone	te of Notifica	writing	Inon	and .		
		Dalabase	Insp	Priorie	Insp	vvriding	Insp	2 nd Insp		
			=							
Depart Courses				1						
Report Summary Case Type	Date	Insp	2 nd Insp	-						
ECI	15/05/2023		2 11150							





SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0586 Date of Visit 11/05/2023

SITE No FS1356 SITE NAME Rastech - Eden Campus

Case No 20230176 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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



Signed: Date: 15/05/2023

Fish Health Inspector

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

FHI 059, Version 13	Is	sued by: FHI	Date of issue: 12/05/2020					
Case No: 2023-0177			Date of visit: 16/05/2023					
Time spent on site:	5 hours	Main Inspe	ctor:					
Site No: FS0016 Business No: FB0119	Site Name: Business Name:	Loch Alsh (Sron) Mowi Scotland Ltd						
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6					
Water Temp (°C): 10.1	Thermometer No:	T310	FHI 045 completed					
Observations:	Region: HI	Water type: S	CoGP MA M-21					
Dead/weak/abnormally behavir 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 car	UNI/REG only - if unable to carry out intended visit detail reason below:							

Additional Case Information:

All fish from Lochailort

Morts get transported to Ardintoul to be ensiled and then moved on for biogas

Lumpfish mortality last 4 weeks: Wk 16 - 1.29% (1701 fish), Wk 17 - 1.11% (1434 fish), Wk 18 - 0.68% (876 fish), Wk 19 - 0.88% (1117 fish)

Increased SAL mortality Weeks 20 to 23 in 2022 - 1.11% (3232), 4.04% (9251), 7.23% (10086) and 3.47% (1028) as well as Wks 43 to 46 - 3.55% (7876), 7.47% (16711), 5.11% (7613), 2.14% (567). All mortality due to jellyfish (gill issues).

VMD samples taken from pens 4, 7 and 10.

Recent health report - 13th April - nothing significant, rising mort numbers due to likely bacteria but TBC. 28th April from vet - nothing of significance, signs of septicaemia.

Rising caligus lice numbers have resulted in planned Alphamax treatment.

On inspection of the site a handful of morts were observed across the whole site. Fish were swimming further down in the water column and had a good feed response.

Site inspection, paperwork and VMD completed by , observed by 16/05/2023

FHI 059, Version 13			Issu	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2023-0177		Site No:	FS0016				
Date of Visit:		16/05/2023	3		Inspector(s):			ı
Registration/Author	risation Deta	nils						
1. Business/site deta	_	checked by s	site representa	ative?			Υ	
2. Changes made to	details?						Υ	
Site Details (includ	le cleaner fis	h for all sect	tions)					
Total No facilities		10	Facilities sto	cked	8	No facilitie	s inspected	10
Species	SAL	LUM					T	
Age group	Q1 2023	2023						
No Fish	864,905	126,067						
Mean Fish Wt	409g	40g						
Next Fallow Date (S	ite)	July 2024		Next Input Da	te (Site)	Jan/Feb 2	025	
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	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? Mortality Records 1. Mortality records available for inspection?								
2. How are mortalitied of their detail:	es disposed o	Ι?			Biogas - Ene	ergen, Cumb	ernauld	
3. Mortality records	complete and	correctly ent	ered?					Y
o. mortality records	complete and	concomy one		: 0.20% (1735	fish) Wk 17·	0 18% (160)	R fish) Wk 18	R - 0 14%
4. Recent mortality ((last 4 wks):			Wk 19 - 0.15%	**	0.1070 (1000	5 11511), VVIC 10	7 - 0.1470
5. Evidence of recent increased/atypical mortalities?								N
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	/reason:				
6. Any other peaks i								Y
If yes, detail:	See addition							
7. Have increased (unexplained) ı	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	ality events s	heet.		Y

Treatments and Medicines Records	V
1. Recent treatments (see comment)?	I
If yes, detail: T.M.S.	
If other, detail:	V
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)? T.M.S.	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
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).	
il yes, detail (il flot detailed dildel recent disease problems).	
Records checked between: 10/11/2021 - 16/05/2023	

								uea by: FH				
Case no:	2023-01	177	Site No:		FS0016					16/0	05/2023	16/0
Priority samples:	VI		ВА		PA		MG	Sampling.	н			
Time sampling starts/ends:	11:4	5:00				Inspecto	or:		_	VMD No). [20
Environmental conditions:	1	Cloudy	2	Wet	3		4	_	5			
Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
dd Fish/Pools - click												
Pool/Fish No												
Fish nos	1-6	7-12	13-17									
Pool Group												
	SAL	SAL	SAL									
	0.4090	0.4090	0.4090									
Sex	N/A	N/A	N/A									
Water Type	SW	SW	SW									
Stock Origin Facility No			Lochairlort Recirculation Hatchery (FS1269)									
	Priority samples: Time sampling starts/ends: Environmental conditions: Summary samples dd Fish/Pools - click Pool/Fish No Fish nos Pool Group Species Average weight Sex Water Type	Priority samples: Time sampling 11:4 starts/ends: Environmental conditions: 1 Summary samples HIST dd Fish/Pools - click Pool/Fish No Fish nos 1-6 Pool Group Species SAL Average weight 0.4090 Sex N/A Water Type SW Stock Origin	Priority samples: VI Time sampling 11:45:00 starts/ends: Environmental conditions: 1 Cloudy Summary samples HIST dd Fish/Pools - click Pool/Fish No Fish nos 1-6 7-12 Pool Group Species SAL SAL Average weight 0.4090 0.4090 Sex N/A N/A Water Type SW SW Stock Origin Stock Origin	Time sampling 11:45:00 12:3 starts/ends: Environmental conditions: 1 Cloudy 2 Summary samples HIST BA dd Fish/Pools - click Pool/Fish No Fish nos 1-6 7-12 13-17 Pool Group Species SAL SAL SAL SAL Average weight 0.4090 0.4090 0.4090 Sex N/A N/A N/A N/A Water Type SW SW SW Stock Origin Stock Origin Stock Origin Stock Origin Stock Origin Date Hatchery (FS1269) Stock Origin Stock Origin Date Hatchery (FS1269) Stock Origin Stock Origin Date Hatchery (FS1269)	Priority samples: VI BA Time sampling 11:45:00 12:30:00 starts/ends: Environmental conditions: 1 Cloudy 2 Wet Summary samples HIST BA dd Fish/Pools - click Pool/Fish No Fish nos 1-6 7-12 13-17 Pool Group Species SAL SAL SAL SAL Average weight 0.4090 0.4090 0.4090 Sex N/A N/A N/A N/A Water Type SW SW SW Stock Origin Stock Origin Stock Origin Stock Origin All 11:45:00 12:30:00 12:30:0	Priority samples: VI BA PA Time sampling 11:45:00 12:30:00 starts/ends: Environmental conditions: 1 Cloudy 2 Wet 3 Summary samples HIST BA MG dd Fish/Pools - click Pool/Fish No Fish nos 1-6 7-12 13-17 Pool Group Species SAL SAL SAL SAL Average weight 0.4090 0.4090 0.4090 Sex N/A N/A N/A Water Type SW SW SW Stock Origin Stock Origin VI BA PA PA PA PA PA PA PA PA PA PA	Priority samples: VI	Priority samples: VI	Priority samples: VI	Priority samples: VI	Priority samples:	Priority samples: VI

05/2023 Additional Sample Information:														
		aced in T				tised an	d then k	illed by	percuss	ive blow	' .			
0	0 Total Tests assigned 0													
, ,		rotal r	0010 000	igricu	U									

FHI 059, Version 13		Issued by: FHI			Date o	of issue	: 12/05/2020
Case Number:	2023-0177		Site No:	FS0016		Insp:	
Date of Visit	16/05/2023		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	ovements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species	Frequency of movements on from equivalent zone or			9	18	26	0
	Number of supp	cluding third country	0			14	0
Movements off	Frequency of m		1 0			10	10
Movements on	Number of dest		0			10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protected disinfection or b	ed (secure water supply through porehole)	0				
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		2
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm prod	•	0				0
	Processing own	n fish (re-cycling risk)	1				
	_	from MS of equivalent status	2				
	Processing fish equivalent statu	from zone or compartment of	4				
		from Category III farm	8				
	Processing fish	from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0	Ī			
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	Ī			0
	Feeding unpast	eurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing st	aff and equipment	0	1	2		0
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0	1			0
	No		2				
					Total Rank		18 MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0177	Site No:	FS0016
Sea Lice Inspection (Seawater Sites Only)		
1. Has the site experienced sea lice problems in the pre	-	N X
2. Is the CoGP Farm Management Area (or equivalent) 3. Does the site have access to a range of licenced in-fazamethiphos and emamectin benzoate) as well as accan these be deployed in a reasonable period of time?	feed and bath sea lice medications (inc cess to suitable biological and/or med	cluding deltamethrin,
4. Is there a signed documented farm management agr Management Area (or equivalent)?	reement or statement relevant to the s	ite and CoGP Farm
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)	Y
6. Do records adequately reflect the required standard	specified in the SSI and the CoGP? (L	.egal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels below the surecords are inspected? (CoGP Annex 6)		
8. Have average adult female sea lice (<i>L. salmonis</i>) nu 2 or above (from w/b 10/6/19) during the period that red		above (prior to w/b 10/6/19) or Y
If yes, have these been reported to the Fish Health Inst	pectorate? If no, FHI see comment.	Υ
9. Is C. elongatus infestation at a level which is conside	ered to cause significant welfare proble	ems? (CoGP 4.3.81, 5.3.50) N
10. Have therapeutic treatments been administered or suggested criteria for treatment or where <i>C. elongatus</i>		
11. Has any other action been taken (where applicable)		Υ
12. Have therapeutic treatments or the actions taken ha		
13. Are treatments, where conducted, carried out in cood 14. Is there a harvesting strategy for the site, where few sea lice?		
15. Is there a site specific written lice management pro- scenarios during the escalation of a sea lice infestation		actions to deal with recognised Y
16. Do the sea lice levels observed on stocks reflect se	a lice count data? If no please detail re	easons. Y
0		
Containment Inspection 1. Has the site experienced equipment damage due to	predators in the current or previous pr	roduction cycles?
Are measures in place to mitigate against the predat		
	,	
lf other, detail below: Bird nets, tensioned sealpro nets, froyer rings and slide	are .	
3. Have escape incidents or events been experienced		e last FHI inspection?
If Yes proceed with questions 4 – 9. If No skip to questi	•	
4. Have these been reported to Scottish Ministers?		
5. Have these been reported to local DSFB forthwith (w	here they exist)? (CoGP - 4.4.37, 5.4	1.17)
6. Have these been reported to the SSPO and local fish	neries trusts forthwith (where they exis	t)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover escapees? If	yes give detail	
8. If gill nets were deployed was this action agreed with Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	local wild fish interests and was perm	ission given by Scottish
9. What action was taken to prevent and minimise the r	risk of further escapes? (Not covered i	n code but could
be considered under satisfactory measures of the 10. Is the site inspected as satisfactory with regards to	•	on(s)
	, , , , , , , , , , , , , , , , , , , ,	•

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2023-0177	Site No: FS0016	
Date of Visit: 16/05/20	23 Inspector:	
Point of Compliance	duithir a famous and and O	
 Is the farm under inspection locate N, no further questions require com 	_	Y
ii iv, no futtier questions require com	ipietion.	
 Has a current farm management a Is the current FMAg/S available for Does the FMAg/S identify the releving Does the FMAg/S identify the fish f 	vant farm management area? farm site(s) to which it applies? of commencement of the agreement or staten	ed? Y Y Y Y
Arrangements for Fish Health Mana 8. Does the FMAg/S identify the mining farm?	agement mum health standards for the stocks to be intro	oduced to the area or Y
10. Does the FMAg/S identify the spe	cination requirements for stocks held in the area ecies of fish which may be stocked into the area ximum stocking density of any pen on any farm	a or farm?
12. Does the FMAg/S identify the arrafish farm in the area or the individual	angements for the storage and disposal of any farm?	dead fish from any
Arrangements for The Managemen 13. Does the FMAg/S identify arrange	nt of Sea Lice ements for the sharing of data on sea lice num	bers and treatments?
14. Does the FMAg/S identify the ava of statement?	ailability and the use of medicines on farms cov	vered by the agreement Y
15. Does the FMAg/S identify any req lice on farms in the area or individual	quirements for the sensitivity testing of available farms?	
16. Does the FMAg/S identify the circused on farms in the area or individual	cumstances under which biological controls and al farms?	d cleaner fish are to be
	angements for synchronous treatments on farn	ns within the area?
Live Fish Movements 18. Does the FMAg/S identify the circ area or farm?	cumstances when live fish may be introduced o	or removed from the
19. Does the FMAg/S identify the arra or individual farms?	angements 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 acceptabl	e harvest practices on farms in the area or indi	vidual farms?
date when a farm or area may be restood 22. Does the FMAg/S identify whether of agreement or statement?	one or more year classes may be stocked onto stocked onto stock or potential broodstock are to be kep	sites covered by the
Point of Compliance for Farm Manag 24. Does the farm management agreen parties to the agreement?	ement Agreements Only nent include arrangements for persons to becor	me, 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 of the FMAg/S? 05/02/2023	statement? Y

Site No: FS0016

Case No: 2023-0177

Nature of non-compliance:

Action taken (FHI):

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

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Case No:	2023-0177	ı		Date of visit	: 16/05/2023	3		
Site No:	FS0016	1		Inspector	:			
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SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0119
 Date of Visit
 16/05/2023

 Site No
 FS0016
 Site Name
 Loch Alsh (Sron)

 Case No
 20230177
 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 containment and escapes.

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

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

Signed:

Fish Health Inspector

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

Date: 23/05/2023