FHI 059, Version 13	Į:	ssued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0093			Date of visit: 05/05/2021
Time spent on site:	1	Main Inspe	ctor:
Site No: FS0804 Business No: FB0125	Site Name: Business Name:	Kishorn B (North) Scottish Sea Farms Ltd	
Case Types: 1 ECI 2	SLI 3 CNA	4 ESC 5 VMD	6 DIA
Water Temp (°C): 7.8	Thermometer No:	T173	FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA M-19
Dead/weak/abnormally behaving of Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see additional in	formation/clinical score sheet. formation/clinical score sheet. formation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail	reason below:	

#### **Additional Case Information:**

Paperwork completed on 30/4/2021 by and Site inspection and sampling completed on the 5/5/2021 by and

Report of seal in pen but no fish reported to have escaped.

A number of moribund fish observed across the site, some with physical damage. 5 sampled for diagnostics.

2019 Weeks 37, 38, 40 mortalities already reported to Marine Scotland. 2019 week 39 2.98% (3,892 fish) Complex Gill Disease. Added to mortality events.

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Case No:	2021-0093		Site No:	FS0804	]			
Date of Visit:		05/05/2021	]		Inspector(s):			
Registration/Autho	risation Deta	ıils						
1. Business/site deta	ils summary	checked by s	ite representa	ative?			Y	
2. Changes made to	details?						Υ	1
Site Details (include	e cleaner fis	h for all sect	ions)					
Total No facilities		10	Facilities sto	cked	10	No facilitie	s inspected	10
Species	SAL	WRA						
Age group	2020	mix wild						
No Fish	413,414	14,963						
Mean Fish Wt	2.1kg	300g						
Next Fallow Date (Si		September 2	021	Next Input Da	ite (Site)	March 202	22	
Recent (last 4 wks) o	disease probl	ems?		N	Any escapes	(since last	visit)?	Y
If yes, detail:	seal in the pe	en, no fish rep	orted to have	e escaped.				
<ol> <li>Are records comp</li> <li>Are movement records comp</li> <li>Are records comp</li> <li>Are health certification</li> <li>Transport Records</li> <li>Are any movement</li> <li>If yes, is there a syst</li> </ol>	cords availablete and corrected attes for introducted the carried out	e for dead fis ectly entered? luctions (outw t by (or on be	h and waste? vith GB) availa half) of the bu	able? usiness (not us	_			N/A N/A N/A N/A
Mortality Records								
1. Mortality records a	available for in	nspection?						Y
2. How are mortalitie	s disposed of	f?			Incinerated -	on site		
If other detail:								
3. Mortality records of	complete and	correctly ente	ered?					Y
4. Recent mortality (I	•			(0.4%) wk 14 1	119 (0.3%) w	k 15 1889 ((	0.5%) wk 16 4	1309 (1%) -
5. Evidence of recen	t increased/a	typical mortal	ities?					Y
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
As above wk16 post	mechanical t	reatment.						
6. Any other peaks in	n mortality du	ring period ch	ecked?					Y
If yes, detail:	Refer to mor	tality event sp	readhseet.					
7. Have increased (u	ınexplained) 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 sh	neet.		N

<b>Treatments and Med</b>	dicines Records	
1. Recent treatments	(see comment)?	Y
If yes, detail:	TMS	
If other, detail:		
	available for inspection?	Y
	ete and correctly entered?	Y
4. Are fish in a withdra	awal period?	Y
5. If yes, what treatme	ent(s)?	
If other, detail:		
6. Are medicines store	ed appropriately?	Y
Biosecurity Records		
•	available for inspection?	У
	nd frequency of mortality removal, recording and safe disposal beer	
	nd period in which the APB will notify Scottish Ministers or veterinar	y professional of any
, ,	ed) mortality at the site been included?	У
	will be taken in the event that the presence or suspicion of the pre	sence of a listed disease
	uded and how and when that will be notified to Scottish Ministers?	У
	us of aquaculture animals being stocked on the farm site been cov	ered (equal or higher y
health status, certifica	ation if required)?	
	y and biosecurity measures implemented between each epidemiol	
	se been covered (movement of staff, visitors, equipment, live or de	
	vailable regarding the measures in place to maintain the physical of	containment of
aquaculture animals h		
	ty procedures been adequately implemented on site?	Y
If no, detail:		
- " 10 "		
Results of Surveillar		
•	alth surveillance been carried out by, or on behalf of, the business?	У
	vailable for inspection?	ĭ
3. Any significant resu		Y
If yes, detail (if not det	tailed under recent disease problems). AGD, some	gill health issues,

10/9/2019 to 5/5/2021 Records checked between:

	Case no:												
	Case no.	2021-00	)93	Site No:		FS0804			Date of Samplin		05/0	05/2021	05/0
	Priority samples:	VI		ВА		PA		MG		g. HI			
	Time sampling starts/ends:		0:00	18:0	0:00		Inspecto	or:			VMD No	o. <b> </b>	10
	Environmental conditions:	1	Dry	2		3		4		5			
	Summary samples	HIST	Y	ВА	Y	MG	Y	VI		PA		Total Sa	mples
Ad	dd Fish/Pools - click	F1	F2	F3	F4	F5	P1						
		1						^	7				
	Fish nos	•	2	3	4	5	1-5	6	1				
	Pool Group	P1	P1	P1	P1	P1	0.41	0.41	0.41				
	Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL				
	Average weight	2.1000	2.1000		2.1000								
	Sex	N/A		N/A	N/A	N/A		N/A	N/A				
	Water Type	SW	SW	SW	SW	SW	SW	SW	SW				
Stock Details	Stock Origin Facility No	© FS1328 Barcaldine Smolt Unit	FS1328 Barcaldine Smolt Unit	구 FS1328 Barcaldine Smolt Unit	구 FS1328 Barcaldine Smolt Unit	교 FS1328 Barcaldine Smolt Unit	FS1328 Barcaldine Smolt Unit	Barcaldine Smolt Unit	FS1328 Barcaldine Smolt Unit				

05/2021	Addition	nal Sam	ple Infor	mation:									
	Additional Sample Information:												
6	6 Total Tests assigned 5												

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Case no:	2021-0093	]	Site N	0:	FS0804		Method of killing: Percussive				
Date of visit:	05/05/2021	]	Inspec	tor(s):				S	heet Re	elevant:	Υ
S for strong presen	ce: M for medium presence: W for	weak pre	sence								
Fish Number		1	2		3 4	5					
Time sampled after	er death (if > 45 minutes)	3.5h	3.5h	3.5h	3.5h	3.5h					
External Signs											
Behaviour	Moribund	M	M	M	M	M					
	Lethargic	S	S	S	S	S					
	Hanging vertical										
	Spiralling										
	Flashing										
	Loss of equilibrium										
Body	Dark										
	Distended abdomen										
	Anorexic		S	S	S	S					
	Scale Oedema										
Opercula	Shortened	W	W								
	Flared										
Haemorrhaging	Throat										
	Ventrum										
	Base of fins										
	Elsewhere	N/									
Eyes	Exophthalmic	M									
	Enophthalmic (sunken)										
	Cataract										
0.11	Haemorrhagic	VA/									
Gills	Pale	W	IVA/								
	Zoned		W								
Lastana	Necrotic	W	VV		-	S					
Lesions	Flank	VV	_		S	3					
Vant	Elsewhere				3	w					
Vent	Inflamed					VV					
Lice Load	Trailing faeces Estimate numbers										
Lice Load	Estimate numbers										
Internal Signs											
Ascites	Clear										
Ascites	Bloody		_		_						
Oedema	In tissues										
Heart	Pale/anaemic		_		_						
Tourt	Granulomas										
	Deformed	w									
Liver	Petechial haem										
	Gross haem										
	Tissue breakdown										
	Enlarged										
	Colour number(s)	4	3	3	4 5	4					
	Granulomas										
	Lesions										
Pyloric caeca	Petechial haem										
	Tubules mauve										
	Lack of fat		W	W	M	M					
Spleen	Enlarged	S		S	W						
	Granulomas										
Gut	No food present										
	Yellow pseudo-faeces	M	M								
	External haem										
	Internal haem										
Body wall	Haemorrhaging										
Swim bladder	Haemorrhaging										
	Fluid filled										
Kidney	Swollen										
	Grey										
	Granular	W	W	W	w	W					
	Liquefied										
General	Parasites present										
	Δnaemia										

Case no: 2021-0093

Date of visit: 05/05/2021

Time sampled after death (if > 45 minutes)	Date of visit.	03/03/20/	<u> </u>				
Time sampled after death (if - 45 minutes)	<b>S</b> for strong prese	ence: M for medium presence: W fo	ог и				
Elehaviour   Monibund	Fish Number						
Behaviour   Moribund	Time sampled af	ter death (if > 45 minutes)					
Lethargic	External Signs						
Hanging vertical	Behaviour						
Spiralling Flashing Loss of equilibrium Olstended abdomen Anorexic Scale Oedema Opercula Shortened Flared Haemorrhaging Base of fins Elsewhere Event Enlarged Elsewhere Elsewher							
Flashing							
Loss of equilibrium							
Body Dark Distended abdomen Anorexic Scale Oddema Opercula Flared Flared Flared Haemorrhaging Throat Ventrum Base of fins Elsewhere Eyes Exophthalmic (sunken) Cataract Anorexic Scale Oddema  Jesus of fins Elsewhere Eyes Exophthalmic (sunken) Cataract Assembly and the second of the							
Distended abdomen Anorexic Scale Codema Stale Codema Stale Codema Haemorrhaging Throat Haemorrhaging Elsewhere Eyes Exophthalmic (sunken) Cataract Cataract Haemorrhagic Gills Pale Zoned Necrotic Herning Ecces Lice Load Estimate numbers Lice Load Estimate numbers Lice Load Estimate numbers Lice Codema In issues Coraniomas Coraniomas Corons haem Tissue breakdown Enlarged Colour number(s) Coraniomas Lesions Lesions Enlarged Colour number(s) Coraniomas Coranioma							
Anorexic   Scale Dedema   Decoula   Shortened   Flared	Body						
Scale Dedema							
Shortened							
Flared							
Haemorrhaging   Throat	Opercula						
Ventrum				_			
Base of fins	Haemorrhaging						
Elsewhere							
Exempthalmic   Enophthalmic   Enop							
Enophthalmic (sunken)	F						
Cataract	Lyes						
Haemorrhagic							
Sample							
Zoned	Cilla						
Necrotic	GIIIS						
Lesions							
Elsewhere	Lasiana						
Vent   Inflamed	Lesions						
Trailing faeces	Vant						
Lice Load	vent						
Internal Signs	lies Lood						
Ascites   Clear   Bloody   B	LICE LOAG	Estimate numbers					
Ascites   Clear   Bloody   B	Internal Signe						
Bloody   B		Clear					
Oedema	Ascites						
Heart	Oedema						
Granulomas							
Deformed	Tiourt						
Liver							
Gross haem	Liver						
Tissue breakdown   Enlarged   Colour number(s)							
Enlarged   Colour number(s)							
Colour number(s)   Cranulomas   Colour number(s)   Cranulomas   Colour number(s)   Cranulomas   Colour number(s)   Colour num							
Granulomas   Lesions   Pyloric caeca   Petechial haem   Tubules mauve   Lack of fat   Spleen   Enlarged   Enlarged   Enlarged   Tyellow pseudo-faeces   External haem   Internal haem   Inte		Colour number(s)					
Lesions Pyloric caeca Petechial haem Tubules mauve Lack of fat Spleen Enlarged Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Granular Liquefied General Parasites present    Common to the comm							
Tubules mauve							
Tubules mauve	Pyloric caeca	Petechial haem					
Lack of fat							
Granulomas							
Granulomas	Spleen	Enlarged					
Yellow pseudo-faeces		Granulomas					
External haem	Gut						
Internal haem							
Body wall         Haemorrhaging							
Swim bladder         Haemorrhaging							
Fluid filled  Kidney Swollen  Grey  Granular  Liquefied  General Parasites present	Body wall						
Kidney         Swollen	Swim bladder						
Grey							
Granular	Kidney						
Liquefied Ceneral Parasites present							
General Parasites present							
Anaemia	General						
		Anaemia					

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Additional comments:		
Possible signs of AGD on gills	. Hind gut of fish 4 seemed inflamed, Delayed sampling due to l	ogistic issues with boats
and poor weather.		

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Case No: 2021-0093	Site No:	FS0804
3. Does the site have access to a range of lic azamethiphos and emamectin benzoate) as	s in the previous 4 years? equivalent) fallowed synchronously on a single yenced in-feed and bath sea lice medications (in well as access to suitable biological and/or medications.	cluding deltamethrin, chanical control measures, and
4. Is there a signed documented farm manag Management Area (or equivalent)?	gement agreement or statement relevant to the s	site and CoGP Farm
Are sea lice count records available for ins     Do records adequately reflect the required	spection? (Legal SSI, CoGP Annex 6) I standard specified in the SSI and the CoGP? (I	Legal SSI, CoGP Annex 6)
7. Are sea lice ( <i>L. salmonis</i> ) record levels be records are inspected? (CoGP Annex 6)	elow the suggested criteria for treatment in the C	oGP during the period that N
If yes, have these been reported to the Fish I 9. Is <i>C. elongatus</i> infestation at a level which 10. Have therapeutic treatments been admin suggested criteria for treatment or where <i>C.</i> 11. Has any other action been taken (where 12. Have therapeutic treatments or the action 13. Are treatments, where conducted, carried 14. Is there a harvesting strategy for the site, 15. Is there a site specific written lice manage	Imonis) numbers per fish been at a level of 3 or Health Inspectorate? If no, FHI see comment. In is considered to cause significant welfare problems is considered to the cather when L. salmonis elongatus is considered to have welfare implicated applicable)? In a taken had a significant impact upon the lice led out in cooperation between participating farms, where fewer populations or part populations are ement procedure with waypoints describing set as reflect sea lice count data? If no please detail is	lems? (CoGP 4.3.81, 5.3.50)  levels have exceeded the tions? (CoGP 4.3.82, 5.3.51)  evels recorded? ? e held without treatment for actions to deal with recognised
	nge due to predators in the current or previous protection the predation experienced on site? (Detail below seal pro nets ADD	
If other, detail below: ADD has been installed post seal incident		
<ol> <li>Have escape incidents or events been exit of the proceed with questions 4 – 9. If No ski</li> <li>Have these been reported to Scottish Mini</li> <li>Have these been reported to local DSFB for the process.</li> </ol>		Y 4.17)
7. Were methods (if any) used to recover esc	capees? If yes give detail	N
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)  9. What action was taken to prevent and min be considered under satisfactory measu		N/A in code but could D installed
10. Is the site inspected as satisfactory with r	regards to containment? If no, please detail reas	son(s)

FHI 059, Version 13	Issued by	/: FHI	Date of issue: 12/05/2020
Case No: 2021-0093	Site No: FS0804		
Date of Visit: 05/05/	2021 Inspector:		
Point of Compliance			
1. Is the farm under inspection local	ated within a farm managemen	t area?	Υ
If N, no further questions require c	ompletion.		
Points of Compliance for Both F 2. Has a current farm managemen 3. Is the current FMAg/S available 4. Does the FMAg/S identify the re 5. Does the FMAg/S identify the fis 6. Does the FMAg/S identify the da 7. Does the FMAg/S identify the da	t agreement or statement (FM/ for inspection? levant farm management area th farm site(s) to which it applie ate of commencement of the ag	Ag/S) been prepared? ? es?	у у у у у
Arrangements for Fish Health M 8. Does the FMAg/S identify the m farm?	_	e stocks to be introduced	to the area or y
<ol> <li>Does the FMAg/S identify the value</li> <li>Does the FMAg/S identify the standard through the result of the standard through the result of the standard through the result of the standard through the sta</li></ol>	species of fish which may be st	ocked into the area or far	n? y
12. Does the FMAg/S identify the a fish farm in the area or the individ		nd disposal of any dead fi	sh from any
Arrangements for The Managem 13. Does the FMAg/S identify arran		ta on sea lice numbers an	d treatments?
14. Does the FMAg/S identify the a of statement?	availability and the use of medic	cines on farms covered by	the agreement y
15. Does the FMAg/S identify any lice on farms in the area or individu		testing of available treatm	nents for sea
16. Does the FMAg/S identify the dused on farms in the area or individual		ogical controls and cleane	er fish are to be
17. Does the FMAg/S identify the a	arrangements for synchronous	treatments on farms withi	n the area?
Live Fish Movements 18. Does the FMAg/S identify the carea or farm?	sircumstances when live fish m	ay be introduced or remo	ved from the
19. Does the FMAg/S identify the a or individual farms?	arrangements for the movemen	t of live fish on and off sit	es in the area y

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Harvesting 20. Does the FMAg/S identify acceptable	e harvest practices on farms in the area or ind	lividual farms?
date when a farm or area may be restoo 22. Does the FMAg/S identify whether o agreement or statement?	ne or more year classes may be stocked onto roodstock or potential broodstock are to be ke	sites covered by the
Point of Compliance for Farm Manage 24. Does the farm management agreem parties to the agreement?	ement Agreements Only nent include arrangements for persons to beco	ome, 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 of of the FMAg/S? 13/03/2020	r statement?

Site No: FS0804

Case No: 2021-0093

Nature of non-compliance:

Action taken (FHI):

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

Case No	2021-0093	Site No:	FS0804	]	
Date of visit	: 05/05/2021	Inspector(s):			
oint of compliance	Risk level	Satisfactory?	Requirement		Comments and advice given or action taken if necessary
NHANCED CONTAINMENT INSPECTION (SEAWATER)					
. Enquiry relating to i) escape incidents and ii) contingency pro	ocedures				
1. Have escape incidents or events <sup>1</sup> been experienced on or in the cinity of the site since the last MSS inspection?	e	Υ			
yes answer 1.2-1.8:			1		
.2. Have appropriate reports been made to Scottish Government vithin 24 hours of discovery?	High	Y	AAAH Regs <sup>4</sup> 3	ID,E	
.3. Have these been reported to the SSPO <sup>2</sup> and, where in xistence, the local DSFB and fisheries trust?	Medium	N	CoGP 4.4.37, 5	.4.17	
4. Were methods (if any) used to recover escapees?		N/A	1		No fish reported to have escaped so didn't report
yes give detail			1		
5 Was the decision to attempt to recapture and the method	Low	N/A	CoGP 4.4.38, 5	.4.18	
mployed agreed with the local DSFB and FT					
.6. Was permission sought from Marine Scotland prior to	Medium	N/A	CoGP 4.4.38, 5	.4.18	
ecapture?	Law	N/A	C=CD 4 4 30 5	4.10	
.7 Were the gill nets deployed in accordance with the permission sued by Marine Scotland?	Low	IN/A	CoGP 4.4.38, 5	.4.10	
.8. In light of the escape event, has appropriate action been taken o prevent and minimise the risk of further escapes?	High	Y	1		ADD installed, increased surveillance, divers patched hole in C1, a 1500, whole site inspected the next day
9. Is there a site specific contingency plan in response to failures	High	Y	1		1000, Whole site inspected the next day
o containment, aimed at preventing escapes and recovering	5		SSI, 2,9		
scaped fish?					
(i). Inspection of records relating to equipment, facilities and	the site				
eneral records			CoGP: 4.4.9, 4.	4.14,	
.1 With regard to each facility, net, screen and mooring at each			SSI 2,1		
ite, a record should be maintained of:-					
		Facilities	Moorings	Nets	
a) The name of the manufacturer	Low	n	N	Υ	Knox nets
b) Any special adaptations	Low	N/A	N/A	N/A	4
c) The name of the supplier	Low	n	N	Y	
d) The date of purchase	Low	n	N	Υ	

Point of compliance	Risk level	Satisfactory?	Requirement		Comments and advice given or action taken if necessary
a) Fach increasing including					
e) Each inspection including i) the name of the person conducting the inspection	Low	V	v	V	Service
ii) the date of each inspection	Medium	У	У	T V	Service
iii) the date of each inspection	Low	y	y	V	
iv) the outcome of each inspection	High	y	y V	N	
f) the date and result of each repair, equipment test and antifouling	•	y V	y V	Y	
treatment carried out	riigii	y	y		
2.2. In relation to each net a record of:					
i) The mesh size	Medium	У	SSI, 2,2		
ii) The code which appears on the identification tag	Medium	V			
iii) The place of use, storage and disposal	Medium	V	1		
iv) The depth of water between the bottom of the net and the	Low	Y			To check on site
seabed as measured at the mean low water spring					
2.3. In relation to each facility a record of:			1		
i) The date of construction	Low	Υ	SSI, 2,3		
ii) The material used in construction	Low	Υ	1		
iii) Its dimensions	Low	Υ	1		
2.4. In relation to each mooring a record of-			SSI, 2,4		
i) The date of installation	Low	У	1		
ii) The design and weight of the anchors	Low	У	1		
iii) The length of the mooring ropes or chains	Low	У	1		
2.5. A record of any navigation markers deployed at each site at which fish are farmed	Low	N	SSI, 2,5		
2.6 In respect of sites at which fish are farmed in inland waters <sup>3</sup>			SSI, 2,6		
a) The type, method of and date of construction of any flood prevention or flood defence measures in place	Low	N/A			
b) The date of and results of any tests conducted on any such measures	Low	N/A			
c) The date of any incident where the site was flood	Low	N/A	1		
d) The water course height during any such flood incident	Low	N/A			
2.7 A record of-			SSI, 2,7		
a) The date of any severe weather event which caused damage to any facility, net or mooring	Medium	N/A	SSI, 2,11 (a)		
b) Any action taken to rectify any such damage	High	N/A	SSI, 2,11 (b)		
Pen and mooring systems					
2.8 Are there documented procedures maintained regarding the selection and installation of pens and moorings?	High	Υ	CoGP 4.4.8, 4.4	.13	

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
2.9 Can the site demonstrate evidence that the design specification	Lligh	V	CoGP 4.4.9, 4.4.14	
of pens and moorings are suitable for purpose and correctly installed?	High	Ť	COGP 4.4.5, 4.4.14	
2.10 Do pen systems meet the manufacturers guidelines?	High	Υ	CoGP 4.4.10	
experienced person(s)?	High	Υ	CoGP 4.4.11	
2.12 Is there evidence of the competence of personnel involved in the design, installation and maintenance of pen and mooring systems?	High	Υ	CoGP 4.4.12, 4.4.15	
2.13 Are pen and mooring components inspected with     a) a documented SOP     b) a documented inspection plan based on a risk assessment	High	Υ	CoGP 4.4.16	
7	I P - I-	N/	0-054447	
2.14 Do all nets used on site meet industry standards?	High	Y	CoGP 4.4.17	
2.15 Can the site demonstrate an awareness of the minimum fish size in relation to net size	High	Υ	CoGP 4.4.19	
2.16 Does the net design, quality and standard of manufacture take into account the conditions that are likely to be experienced on site and include adequate safety margins?	High	Υ	CoGP 4.4.20	
2.17 Are nets treated with a UV inhibitor?	Low	Υ	CoGP 4.4.21	
2.18 Are nets tested at a pre-determined frequency?	High	Υ	CoGP 4.4.22	
2.19 Is the method of test procedure based upon the manufacturers advice?	High	Υ	CoGP 4.4.22	
2.20 Are frequent net inspections conducted to look for damage?	High	Υ	CoGP 4.4.23	
2.21 Are net inspection records maintained?	High	у	CoGP 4.4.23	Dive reports maintained but no record of repair following seal in cage
2.22 Is the system by which nets are attached to the pen and weighted inspected frequently?	High	Υ	CoGP 4.4.24	
2.23 Where damage to nets and/or associated fittings has occurred, or the potential for damage exists, has remedial action been taken?	High	У	CoGP 4.4.25	
b(ii). Inspection of records relating to training				
3.1 Are training programmes and plans relevant to the various onsite activities documented?	High	N	CoGP 7.1.8	Nothing related to containment
	High	Υ	SSI 2,6,a	

Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
3.5 With respect to any transfer of or handling of fish is there a record of all training of each person working on site in relation to	High	N	SSI 2,7,a	No formal training given so no records maintained
containment and prevention of escape of fish, and recovery of				
escaped fish?				
b(iii). Inspection of records relating to procedures and risk asse	essments			
4.1 Are procedures which could increase the risk of fish escaping	High	Υ	CoGP 4.4.29, 5.4.12	
considered to be carefully planned and supervised to minimise risk?				
4.2 Before procedures are conducted on site, are the following in			CoGP 4.4.30, 5.4.13	
place:			SSI 2,7, b , SSI 2, 8, c	
a) a documented risk assessments	High	Υ		
b) standard operating procedures	High	Υ		
c) contingency plan	High	Υ		
4.3 In relation to any boat operations at each site at which fish are				
farmed is there a record of				
-The type and size of each boat used for operations on the site	Low	Y	SSI 2,6,b	
- The type and size of any propeller guard fitted to each boat used	Low	N/A	SSI 2,6,c	
on the site		-		
4.4 Does the site suffer from regular or heavy predation?	N.A Harris	n	0-00.4400	
4.5 Are there records of site specific risk assessments ascertaining the risk of predator attack?	Medium	Υ	CoGP 4.4.26	
4.6 Are there risk assessments undertaken on a pre-determined frequency?	Low	Υ	CoGP 4.4.26	
4.7 A record of any anti-predator measures undertaken at each site			SSI, 2,8,a	
at which fish are farmed including:				
The type and location of each net, fence and scarer deployed	Medium	Υ		
- The use of lethal means by any person involved in operations on the site	Low	N/A	SSI, 2,8,b	
4.8 Where predator nets are deployed is the advice of Annex 7	Low	N/A	CoGP 4.4.27	
considered?				
c. Inspection of site and site equipment				
5.1 Are there any obvious containment issues on the site?	High	n		
5.2 Is the net mesh size considered to be capable of containing all	High	Y	CoGP 4.4.18	
fish sizes present on site?				

		10040	a 2 y . 1 1 11	Date of 185de: 1276		
Point of compliance	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary		
5.3 Do nets carry numbered ID tags?	Low	Υ	SSI 2,2 ii			
Look at a percentage of nets on site - Does the net location meet the inventory?	Low	Υ				
5.4 Are nets stored away from direct sunlight?	Low	Υ	CoGP 4.4.21			
5.6 Are appropriate measures in place to mitigate predation on site? (Provide detail if necessary)		Υ				
5.7 Are boat operations conducted in such a manner which prevents damage to nets and pens?	High	Υ	CoGP 4.4.28			
5.8 Is there a requirement for navigation markers to be deployed?	Low	Υ	MSA <sup>5</sup> 2010 P4, S21			
5.9 If yes, has this been done in accordance with the necessary requirements?	Low	Y	MS Marine licence			
5.10 If Yes to 5.8 is there a record of any navigation markers deployed?	Low	N	SSI 2,5	couldn't be located during inspection		
d. Inspection of site specific procedures						
6.1 Are pen nets examined for holes, tears or damage prior to and during the stocking, moving or crowding of fish?	High	Υ	CoGP 4.4.31			
6.2 If helicopter transfer of fish is conducted are receiving pen(s) properly prepared:-			CoGP 4.4.32			
a) nets should be secure	High	N/A				
b) pens should be marked with buoys clearly visible from the air	High	N/A	1			
c) radio contact between farm staff and helicopter crew should be maintained or where this is not possible, pens receiving fish should be manned	High	N/A	CoGP 4.4.33			
Consideration should be given to all other site procedures being undertaken during the visit with respect to containment and the risk of fish farm escapes						

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

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

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

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

Case No: 2021-0093 Site No: FS0804 Date of visit: 05/05/2021

Start date:	End date: (if applicable)	Size of fish:	Average weight of affected population:	Species:	Yearclass (SW SAL only):	Timescale	Mortality rate recorded(%):	Explained/ unexplained:	If explained, select reason(s):
23/09/19	29/09/2019	≥750g	5kg	SAL	Q1	Weekly	2.98	Explained	Complex gill issues

If unexplained, selec	t observations:	Total mortality during event (if available):	Additional information (e.g. action taken by company):	Action taken by FHI (include case no where applicable):	Yearclass Year		
	Click to select observations (ensure in		Click to select observations (ensure in correct cell)		Harvesting to fallow	Mortality data reported during inspection. No further action.	2018

FHI 059, Version 13		Issued by: FHI				Date o	of issue	: 12/05/2020
Case Number:	2021-0093		5	Site No:	FS0804		lnsp:	
Date of Visit	05/05/2021		ı	No of mo	ovements/s	upp./dest.		Score
Live fish movements				0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS		0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone	e or	0	0	10	200	
Species	Number of sup	ncluding third country	_	0	9 5	18 10	26 14	
Manage and a ff			=					10
Movements off	Frequency of m		-	0	3	6	10 10	3
Exposure via water	Ivalliber of des	Site cont	tacts	0	1-5	6-10		
Water contacts with other	Farm is protect	ed (secure water supply through						
farms (holding species susceptible to same	disinfection or l	,		0				
diseases)		or in a coastal zone with category or within 1 tidal excursion	'	1	2	4		2
	Farm is on-line	or in a coastal zone with category	· III					
		n or within 1 tidal excursion		1	3	6		
		or in a coastal zone with category or within 1 tidal excursion	' V	1	4	8		
	'				0			
Management practices Water contacts with	Any processing	plant discharging into adjacent wa		None	Secure	Unsecure		
processors	Any processing	y piant discharging into adjacent we	alers	0	1	2		0
On farm processing within the rules of the directive	No on farm pro			0				0
	Processing own	n fish (re-cycling risk)		1				
	Processing fish	from MS of equivalent status		2				
	Processing fish equivalent state	from zone or compartment of us		4				
	Processing fish	from Category III farm		8				
	Processing fish	ı from Category ∀ farm		10				
Disposal of fish and fish by-	Site's own was	te only processed.		0				0
products	Common proce	esses with other farms		3				
	Collection poin	t for waste from other farms		5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed		0				0
	Feeding unpas	teurised feed		5				
Biosecurity		Number of s	sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase		0	1	2		1
	Sites sharing s	taff and equipment		0	1	2		0
Disinfection of equipment	Yes			0				0
between sites, use of footbaths etc	No			1				
				<u>'</u>				
CoGP/Regulator Practices in accordance	Yes			0				0
with regulator or industry	No		$\dashv$	0				0
code of practice				3				
Platform access to cages	Yes			0				0
	No			2				
						<b>Total</b> Rank		16 MEDIUM

Case No: 2021-0093 Date of visit: 05/05/2021 Site No: FS0804 Inspector: Results Summary Date of Notification Freq. Database Insp Writing 2<sup>nd</sup> Insp Insp Phone Insp 04/06/2021 MG AGD 5/5 12/05/2021 12/05/2021 MG PARA THER Q 04/06/2021 5/5 12/05/2021 12/05/2021 MG SAL POX 5/5 12/05/2021 12/05/2021 04/06/2021 12/05/2021 04/06/2021 MG IPN 1/1 12/05/2021 MG IHNQ 04/06/2021 0/1 12/05/2021 12/05/2021 MG ISA 0/1 04/06/2021 12/05/2021 12/05/2021 MG SAV 04/06/2021 12/05/2021 12/05/2021 0/1 12/05/2021 0/1 04/06/2021 MG VHS 12/05/2021 VIBRIO SPP 4/5 26/05/2021 26/05/2021 04/06/2021 PHOTO SPP 4/5 04/06/2021 26/05/2021 26/05/2021 SKIN 4/5 04/06/2021 02/07/2021 26/05/2021 **GPAT** 5/5 02/07/2021 26/05/2021 04/06/2021 LPAT 1/5 02/07/2021 26/05/2021 04/06/2021 Report Summary 2<sup>nd</sup> Insp Case Type Date Insp ECI, SLI, VMD 12/05/2021 DIA 04/06/2021 CNA 01/07/2021 20/12/2021 Case Completion





### SUMMARY FOR INFORMATION OF SITE OPERATOR

**BUSINESS NO** FB0125 **SITE NO** FS0804 **CASE NO** 20210093 DATE OF VISIT 05/05/2021
SITE NAME Kishorn B (North)
INSPECTOR

**Section 1: Summary** 

During a routine site inspection moribund fish were observed in most pens, five of which were removed for further examination and subsequent diagnostic sampling.

Histopathology examination revealed mixed pathology. Integument displayed ulcerative lesions with Gram-negative bacteria associated (potentially linked to mechanical damage) and the gill displayed complex gill pathology, although the reading of the gill, gut and pyloric caeca of some fish was compromised by autolysis artefacts. Liver of F2 displayed mild zonal hepatocellular necrosis.

Due to reported gill issues on site, gill samples were screened for *Paranucleospora theridion, Neoparamoeba perurans* (the causative agent of amoebic gill disease (AGD)) and salmon gill poxvirus (SGPV). Samples tested positive for all three pathogens.

A sample of heart and kidney tissue tested positive for the presence of infectious pancreatic necrosis virus (IPNV) by qPCR. Sequencing of the IPNV VP2 gene determined the material to be IPNV genogroup 5 with virulence markers PTA indicating a potential avirulent type.

Two *Vibrio* spp. and one *Photobacterium sp* were isolated. The level and purity of growth on the plates taken from kidney material would not suggest they be implicated in current morbidity, however, the growth observed on plates taken from lesion material may suggest they are significant as a primary source of those lesions and may be a risk to an immune compromised population.

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**

R09

During a routine site inspection moribund fish were observed in most pens, five of which were removed for further examination and subsequent diagnostic sampling. Elevated mortalities of 1% per week were reported on site due to a mechanical treatment. Gill health issues had been identified during routine health surveillance on site.

All fish sampled were moribund and lethargic, with fish 2 to 5 appearing anorexic. The opercula of fish 1 and 2 were shortened and the eyes of fish 1 were exophthalmic. Gills of fish 1 were pale, and zoned and necrotic in fish 2. Lesions were present on the flanks of fish 1, 4 and 5; and the dorsal surface of fish 4 and the vent of fish 5 was also inflamed.

Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB Tel - 0131 244 3498 Fax - 0131 244 0944 Email - ms.fishhealth@gov.scot Website - www.gov.scot/Topics/marine/science Internally, the heart of fish 1 appeared deformed and there was a note of lack of fat in the pyloric caeca of fish 2 to 5. The spleens of fish 1, 3 and 4 were enlarged. There was presence of yellow pseudo-faeces in fish 1 and 2 and the kidneys of all fish appeared slightly granular.

## **Samples**

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

Fish number	Pool number	Facility number	Species	Stage	Origin
1	1	8	Atlantic salmon	Growers	Barcaldine Smolt Unit (FS1328)
2, 3, 4	1	1	Atlantic salmon	Growers	Barcaldine Smolt Unit (FS1328)
5	1	3	Atlantic salmon	Growers	Barcaldine Smolt Unit (FS1328)

#### Results

**Bacteriology:** Kidney, gill, and lesion material from fish 1 to 5 were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated:

- Vibrio sp. (Isolate A);
  - Fish 1,3,4 and 5 (kidney);
  - Fish 1, 4 and 5 (lesion);
  - o Fish 4 and 5 (gill).
- Photobacterium sp. (Isolate B);
  - Fish 1,3 and 4 (lesion).
- Vibrio sp. (Isolate C);
  - Fish 1,3 and 4 (kidney);
  - Fish 1 (lesion).

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

Infectious pancreatic necrosis virus (IPNV)

Pool Number	Endogenous control Cp value		Reported Result (PCR)
P1	20.07	26.5	POSITIVE

Sequencing of the IPNV VP2 gene determined the material to be IPNV genogroup 5 with virulence markers PTA indicating a potential avirulent type.

Salmon gill poxvirus (SGPV)

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	19.32	35.72	37.89	37.01	POSITIVE
F2	19.85	30.41	30.52	30.14	POSITIVE
F3	19.66	26.33	26.36	26.44	POSITIVE
F4	18.98	28.46	28.55	28.90	POSITIVE
F5	19.55	34.23	34.86	34.85	POSITIVE

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

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

Neoparamoeba perurans (AGD)

Fish Number	Endogenous control Cp value	,	Reported Result (PCR)		
F1	19.32	32.26	32.21	32.40	POSITIV E
F2	19.85	34.50	33.75	34.42	POSITIV E
F3	19.66	35.27	36.31	36.21	POSITIV E
F4	18.98	31.11	31.06	31.30	POSITIV E
F5	19.55	35.68	35.58	36.70	POSITIV E

Paranucleospora theridion

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	19.32	24.56	24.69	24.67	POSITIV E
F2	19.85	23.94	23.97	23.86	POSITIV E
F3	19.66	27.13	27.37	26.84	POSITIV E
F4	18.98	23.27	23.47	23.46	POSITIV E
F5	19.55	30.33	30.69	30.60	POSITIV E

**Histology:** Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from fish 1 to 5. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

Tissues from 5 Atlantic salmon were examined by light microscopy. The following histopathological changes were observed:

Gill: Minor interlamellar epithelial hyperplasia, observed mainly at the tips of the gill filaments (F1). Two copepod-like structures and two nests of cell debris with bacteria noted among gill filaments (F1). F3 displayed mild multifocal interlamellar epithelial hyperplasia and lamellar fusion. Several basophilic epithelial inclusions (likely epitheliocystis) also noted in F3. Several scattered aneurysmal dilation/telangiectasia and lamellar thrombi (F1-F5). Mild to marked autolytic artefacts observed in all fish. The reading F2, F4 & F5 hindered by the autolyse artefacts.

Skin & Muscle: Absence of epidermal layer. Mild oedematous dermis and mild leukocyte infiltration. A thick layer of bacteria was also noted within and on the outer layer of dermis and it reached hypodermal layer (F1, F4 & F5). Some haemorrhage also noted on the hypodermal layer. Necrosis of skeletal muscle with bacteria associated (F4, F5).

Heart: Small nests of inflammatory cell infiltration (F3).

Gut and pyloric caeca: Abdominal adipose tissue displayed some inflammatory cell infiltration and some fibrous adhesions (likely associated with vaccine administration) (F5). Some to marked cell sloughing, likely associated with post-mortem artefacts (F1, F2, F3, F4, F5).

Pancreas: Within the normal range.

Liver: Multifocal coalescing hepatocellular necrosis (F2), some diffuse hepatocyte vacuolation (macrovisicules) (F1). F4 & F5 displayed evidences of liver autolysis.

Kidney: Increased numbers of melanomacrophage aggregates (F4).

Spleen: Foci of reduced white pulp (F1).

Signed:

Fish Health Inspector

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

Date: 04/06/2021





#### SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NoFB0125DATE OF VISIT05/05/2021SITE NoFS0804SITE NAMEKishorn B (North)

Case No 20210093 Inspector

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

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

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

The escape incident that was reported on the 12<sup>th</sup> March 2021 was not reported to all relevant stakeholders as it was considered that no fish had escaped, any escape or **suspected** escape incident should be reported within 48 hours of discovery.

The following recommendation is made for improvement.

It is recommended that procedures should be in place for any escape or suspected escape of live fish to be reported immediately to all relevant stakeholders, including the trade body, local District Salmon Fishery Board and Fisheries Trust (or at the latest, within 48 hours of discovery), in accordance with A Code of Good Practice for Scottish Finfish Aquaculture (CoGP) (Chapter 4, part 4.37).

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

Records relating to facilities, moorings and nets were not maintained correctly. The following recommendations are made for improvement.

It is recommended that to meet the requirements of Schedule 2 of the Fish Farming Businesses (Record Keeping) (Scotland) Order 2008 (RKO) records must be kept in relation to each facility and mooring to include:

- The name of the manufacturer;
- Any special adaptations;
- The name of the supplier;
- The date of purchase;
- A record of any navigation markers deployed.

#### In relation to nets:

The outcome of each inspection.

## b)ii) Inspection of records relating to training

No records of any training programmes and plans relevant to the onsite activities were maintained. The following recommendations are made for improvement.

It is recommended that in accordance with the CoGP (chapter 7 part 1.8) training should be an integral part of the operation of all finfish aquaculture businesses, with programmes and plans relevant to the various activities being documented.

To meet the requirements of the RKO (schedule 2, section 7(a)) a record must be maintained of all training of each person working there in relation to containment and prevention of escape of fish, and recovery of escaped fish.

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

Although the site met the requirement of current Scottish industry best practice, due to the nature of the containment incident reported on 12<sup>th</sup> March 2021 and that a second similar incident was reported on the 5<sup>th</sup> June 2021, the following recommendations are made for improvement:

It is recommended that a documented review is undertaken of the site-specific risk assessment to ascertain the risks of predator attacks in accordance with A Code of Good Practice for Scottish Finfish Aquaculture (CoGP) (Chapter 4, point 4.26).

It is also recommended that a documented review should be undertaken and implemented to identify improvements to the equipment in use and farm design to protect the fish from predators in accordance with CoGP (Chapter 5, point 5.8).

It is also recommended that a record of any changes made should be recorded to meet the requirements of schedule 2, section 8(a) and 8(c) of the Fish Farming Businesses (Record Keeping) (Scotland) Order 2008, which requires a record to be kept of any anti-predator measures undertaken, including:

- details of the type and location of each net, fence and scarer deployed;
- any assessment of risk of escape of fish carried out.

#### c) Inspection of site and site equipment

The following recommendation is made for improvement.

It is recommended that to meet the requirements the RKO (Schedule 2 part 5) that a record is maintained in relation to any navigation markers deployed on site.

### d) Inspection of site specific procedures

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

The recommendations in this report should be implemented by 29th September 2021. Documentation should be provided as evidence that the recommendations have been implemented. Enforcement action may result if the recommendations are not implemented in the necessary time frame. Records should be sent to Marine Scotland Science's Fish Health Inspectorate (FHI) (contact details are provided below).

Please do not hesitate to contact myself or the duty inspector should you require any further information or have any queries regarding this report.

Signed: Date: 01/07/2021
Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at <a href="https://www.gov.scot/Topics/marine/Fish-Shellfish/FHl/charter">www.gov.scot/Topics/marine/Fish-Shellfish/FHl/charter</a>





#### SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0125
 Date of Visit
 05/05/2021

 Site No
 FS0804
 Site Name
 Kishorn B (Name)

SITE NO FS0804 SITE NAME Kishorn B (North)
CASE NO 20210093 INSPECTOR

## Case completion report

Recommendations in relation to the above case were made for implementation by 10/12/2021. Following submission of the required documentation, evidence has now been provided to Marine Scotland to demonstrate that the recommendations have been implemented.

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

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

Signed: Date: 20/12/2021

Fish Health Inspector

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





### SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0125Date of Visit05/05/2021Site NoFS0804Site NameKishorn B (North)

Case No 20210093 INSPECTOR

# Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

### Records

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

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

Aquaculture animal and aquaculture animal product movement records were inspected and found to be **inadequately** 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.

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

• In the movement records some of the fish site (FS) numbers were not recorded. For future movements please ensure FS numbers are recorded for each movement on and off site.

# 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.

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

The farm management agreement/statement was inspected and found to be **inadequately** maintained. Please see the attached annex detailing the points that must be addressed.

Please ensure that these points have been addressed by 14/06/2021. Records or documentation demonstrating that these points have been addressed should be sent to the Fish Health Inspectorate (contact details below). The site may be subject to further inspection or enforcement action should the appropriate action regarding the above points not be taken within the time period stipulated.

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



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

#### Annex - The Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

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

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