FHI 059, Version 13	1	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0053			Date of visit: 15/03/2022
Time spent on site:	5.5h	Main Ir	nspector:
Site No: FS0241 Business No: FB0119	Site Name: Business Name:	Kingairloch Mowi Scotland Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5 DIA	6
Water Temp (°C): 7.6	Thermometer No:	T148	FHI 045 completed N/A
Observations:	Region: HI	Water type: S	CoGP MA M-36
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see addition	al information/clinical score sheet. al information/clinical score sheet. al information/clinical score sheet.
UNI/REG only - if unable to carr	y out intended visit detail	reason below:	

Additional Case Information:

LUM - all farmed from Anglesey, Otterferry, Weymouth WRA - 50% wild, 50% farmed from Anglesey and Weymouth No cleanerfish form Ireland currently but may import them again in the future.

No FMA in place but health teams communicate between sites in area re diseases and treatment plans. Farms in area include RTR sites stocked with multiple year classes and no fallow plans.

Slightly increased seal activity observed due to raised Tenacibaculum moribunds presence, especially pens 5 and 6. No seals of

Remote inspection done on 10/03/22 by supervised by

Fish currently on photoperiod. Small percentage of lethargic fish observed in all cages, mostly runts with some lesions present around the mouth & head. Worst affected cages were 5 & 6. Five fish removed from pens 1, 5 and 6 for diagnostic sampling. No internal pathology observed.

The main population and the fish sampled for the VMD looked healthy and appeared to be feeding well.

FHI 059, Version 13	3		ls	sued by: FHI			Date of issu	e: 12/05/2020
Case No:	2022-0053		Site No:	FS024	1			
Date of Visit:		15/03/202	22		Inspector(s):		ı
Registration/Author	orisation Det	ails						
1. Business/site det			site represer	ntative?			Υ	
2. Changes made to	o details?						Y	
Site Details (includ	de cleaner fis	h for all se	ctions)					
Total No facilities		8	Facilities s	stocked	5	No facilitie	es inspected	8
Species	SAL	SAL	WRA	LUM				
Age group	Q4 2021	Q4 2021	Mixed	Mixed				
No Fish	309,950	226,944	46,278	32,234				
Mean Fish Wt	1.3kg	300g	40g	35g				
Next Fallow Date (S	*	April 2023		Next Input D		Septembe		
Recent (last 4 wks)					Y Any escape		,	N
If yes, detail:	Tenacibacul	lum, removir	ng moribunds	s daily, mortality	removal incre	eased to twice	e daily.	
 Are records comp Are movement re Are records comp Are health certific Transport Records Are any movement yes, is there a system Mortality Records	ecords availab plete and corr cates for introd s ents carried ou	ole for dead for ectly entered ductions (our latest) art by (or on both)	fish and wasted? Itwith GB) available The pehalf) of the	ailable? business (not us				Y Y N/A
1. Mortality records	available for i	inspection?						Y
2. How are mortaliti		•			Ensiled - or	n site		
If other detail:					_			
3. Mortality records	complete and	correctly er	ntered?					Y
4. Recent mortality	(last 4 wks):		2022 Wee 9: 2,666 (0	ek 6: 261 (0.05% 0.49%). Cleaner	* 1		eek 8: 998 (0	
5. Evidence of recent increased/atypical mortalities? If yes, facility nos/no mortality per facility/no stock per facility/reason:								N
If yes, facility nos/no	o mortality per	rfacility/no s	tock per facil	ity/reason:				
6. Any other peaks in mortality during period checked? If yes, detail: MRT02178 - 1.08% 2,542 treatment mortality week 23 2021							Y	
								N/A
7. Have increased (unexplained) mortalities been reported to vet or FHI?								IV/A
If yes, detail action: 8. Have 'mortality ev		ported to El	HI2 If no ente	er details on moi	tality events	cheet		Y
o. Have mortality e	vents been re	ported to 1 1	in: ii iio, ciite	si detalis on moi	tality events	SHEEL.		•

Treatments and Medicines Records						
Recent treatments (see comment)?	Y					
T.M.S.,						
If yes, detail: Salmosan						
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., Salmosan						
If other, detail:						
6. Are medicines stored appropriately?	Y					
Biosecurity Records						
1. Biosecurity records available for inspection?	Y					
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y					
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any						
increased (unexplained) mortality at the site been included?	Y					
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease						
is detected been included and <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:						
ii iio, detaii.						
Results of Surveillance						
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y					
2. If yes, are results available for inspection?	Y					
3. Any significant results?						
If yes, detail (if not detailed under recent disease problems).						
Moderate AGD. Tenacibaculosis, mostly in pens 5&6.						
Records checked between: 27/04/2021 - 10/03/2022						

Г	HI 059, Version 13							ISS	sued by: r	-11			
	Case no:	2022-00	053	Site No		FS0241			Date of v		15/0	03/2022	15/0
	Priority samples:	VI		ВА		PA		MG		g. HI			
	Time sampling starts/ends:		00:00		0:00		Inspect	or:			VMD No	o.	15
	Environmental conditions:	1	Indoors	2		3		4	ш	5			
	Summary samples	HIST	Y	ВА	Y	MG	Y	VI	Y	PA		Total Sa	mples
	dd Field (Deele elie)												
A	dd Fish/Pools - click												
	Pool/Fish No	F1	F2		F4	F5							
	Fish nos	1	2	3	4	5	6	7	8				
	Pool Group												
	Species	SAL											
	Average weight	1.3kg	300g	300g	300g	300g	1.3kg	1.3kg	1.3kg				
	Sex	N/A											
	Water Type	SW											
ck Details	Stock Origin	Glenfinnan											
Stc	Facility No	1	5	5	6	6	1	2	3				

	,											
03/2022	Addition	nal Sam	ple Infor	mation:								
All fish killed by percussive blow to head.												
5	1	Total To	ests ass	igned	12							

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

Case no:	2022-0053		Site No: FS0241		1	Method of killing: Percussive					
Date of visit:	15/03/2022]	Inspec	tor(s):				s	heet Re	elevant:	Y
S for strong presen	ce: M for medium presence: W for	weak pre	sence								
Fish Number		1	2								
Time sampled afte External Signs	er death (if > 45 minutes)	1h	1h	1h	1h	1h					
Behaviour	Moribund										
	Lethargic	М	M	M	M	M					
	Hanging vertical										
	Spiralling		_		_						
	Flashing Loss of equilibrium										
Body	Dark										
Body	Distended abdomen		_								
	Anorexic			S		M					
	Scale Oedema										
Opercula	Shortened		W								
l la anna mula amin m	Flared										
Haemorrhaging	Throat Ventrum										
	Base of fins										
	Elsewhere										
Eyes	Exophthalmic										
	Enophthalmic (sunken)				lacksquare						
	Cataract										
Gills	Haemorrhagic Pale										
Gills	Zoned										
	Necrotic										
Lesions	Flank										
	Elsewhere			S	M	M					
Vent	Inflamed		_		_						
Lice Load	Trailing faeces Estimate numbers										
Lice Load	Estimate numbers										
Internal Signs											
Ascites	Clear										
	Bloody										
Oedema	In tissues										
Heart	Pale/anaemic Granulomas										
	Deformed		_								
Liver	Petechial haem										
	Gross haem										
	Tissue breakdown										
	Enlarged		4		—						
	Colour number(s) Granulomas	4	4	4	4	4					
	Lesions										
Pyloric caeca	Petechial haem										
	Tubules mauve										
	Lack of fat										
Spleen	Enlarged										
Gut	Granulomas No food present		_								
Gut	Yellow pseudo-faeces		_			w					
	External haem										
	Internal haem										
Body wall	Haemorrhaging										
Swim bladder	Haemorrhaging										
Kidney	Fluid filled Swollen										
Kidney	Grey										
	Granular										
	Liquefied										
General	Parasites present										
	Anaemia										

Case no: 2022-0053

Date of visit: 15/03/2022

Date of Visit.	13/03/202						
S for strong preser	nce: M for medium presence: W for	W					
Fish Number							
	er death (if > 45 minutes)						
External Signs	,						
Behaviour	Moribund						
	Lethargic						
	Hanging vertical						
	Spiralling						
	Flashing						
	Loss of equilibrium						
Body	Dark						
,	Distended abdomen						
	Anorexic						
	Scale Oedema						
Opercula	Shortened						
	Flared						
Haemorrhaging	Throat						
gg	Ventrum						
	Base of fins						
	Elsewhere						
Eyes	Exophthalmic						
_,••	Enophthalmic (sunken)						
	Cataract						
	Haemorrhagic						
Gills	Pale						
- III	Zoned						
	Necrotic						
Lesions	Flank						
Lesions	Elsewhere						
Vent	Inflamed						
Vent	Trailing faeces						
Lice Load	Estimate numbers						
LICE LOAG	Estimate numbers						
Internal Signs							
Ascites	Clear						
ASCILES	Bloody						
Oedema	In tissues						
Heart	Pale/anaemic						
пеагі							
	Granulomas						
Liver	Deformed Detachiel beam						
Liver	Petechial haem						
	Gross haem						
	Tissue breakdown						
	Enlarged						
	Colour number(s)						
	Granulomas						
Dudanis	Lesions						
Pyloric caeca	Petechial haem						
	Tubules mauve						
0.1	Lack of fat						_
Spleen	Enlarged						
2 (Granulomas						_
Gut	No food present						
	Yellow pseudo-faeces						
	External haem						
	Internal haem						
Body wall	Haemorrhaging						
Swim bladder	Haemorrhaging						
	Fluid filled						
Kidney	Swollen						
	Grey						
						I	
	Granular						
	Liquefied						
General							

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/202
Additional comments:		
Fish 3 mouth lesion, right side of the mou Tenacibaculum identified on site, no treat so TSA was also used.	th fully eroded. Fish 4 lesion on top of head ments administered. Fish 2 - 5 have been i	I. Fish 5 mouth lesion. n sea water for less than 6 months
30 TO/C Was also asea.		
		1
		1
		1
		1

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2022-0053		Site No:	FS0241		Insp:	
Date of Visit	15/03/2022		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species	Frequency of movements on from equivalent zone or			9	18	26	Q
GP 00.00	Number of supp	ocluding third country	0			14	5
Movements off			I 0			10	10
Movements off	Frequency of m Number of dest		0		6	10	3
Exposure via water	rtumber er deet	Site contacts	5 0	1-5			
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		1
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				
	Processing fish equivalent statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category ∨ farm	10				
Disposal of fish and fish by-	Site's own wast	te only processed.	0	1			0
products	Common proce	sses with other farms	3	1			
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	i			0
	Feeding unpast	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		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		30 HIGH

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0053	Site No:	FS0241
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems in the 2. Is the CoGP Farm Management Area (or equivale 3. Does the site have access to a range of licenced i	nt) fallowed synchronously on a single ye	
azamethiphos and emamectin benzoate) as well as can these be deployed in a reasonable period of time	access to suitable biological and/or mech	
4. Is there a signed documented farm management a Management Area (or equivalent)?	agreement or statement relevant to the si	Y Y
 Are sea lice count records available for inspection Do records adequately reflect the required standar 		egal SSI, CoGP Annex 6)
7. Are sea lice (L. salmonis) record levels below the records are inspected? (CoGP Annex 6)	suggested criteria for treatment in the Co	oGP during the period that N
8. Have average adult female sea lice (<i>L. salmonis</i>) 2 or above (from w/b 10/6/19) during the period that		above (prior to w/b 10/6/19) or Y
If yes, have these been reported to the Fish Health I	nspectorate? If no, FHI see comment.	Υ
9. Is C. elongatus infestation at a level which is cons	idered to cause significant welfare proble	ems? (CoGP 4.3.81, 5.3.50) N
10. Have therapeutic treatments been administered of suggested criteria for treatment or where <i>C. elongatu</i>		
11. Has any other action been taken (where applicat	ole)?	N/A
12. Have therapeutic treatments or the actions taken	had a significant impact upon the lice lev	vels recorded?
13. Are treatments, where conducted, carried out in	cooperation between participating farms?	Υ
14. Is there a harvesting strategy for the site, where the sea lice?		
15. Is there a site specific written lice management p scenarios during the escalation of a sea lice infestati		ctions to deal with recognised Y
16. Do the sea lice levels observed on stocks reflect	sea lice count data? If no please detail re	easons.
Containment Inspection		
Has the site experienced equipment damage due	to predators in the current or previous pro	oduction cycles?
Are measures in place to mitigate against the pred		
Top nets,	autori experienced on site: (Betail Below)	,
If other, detail below:		
ii otilei, detaii below.		
3. Have escape incidents or events been experience	ed on or in the vicinity of the site since the	e last FHI inspection?
·	•	e last FHI IIIspection?
If Yes proceed with questions 4 – 9. If No skip to que	stion to	
4. Have these been reported to Scottish Ministers?	(value of the constitution (Co.C.D. 4.4.27, E.4.	47)
5. Have these been reported to local DSFB forthwith		
Have these been reported to the SSPO and local to	isneries trusts forthwith (where they exist	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 w Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	rith local wild fish interests and was permi	ission given by Scottish
9. What action was taken to prevent and minimise th	e risk of further escapes? (Not covered in	n code but could
be considered under satisfactory measures of t		
10. Is the site inspected as satisfactory with regards		on(s)

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0053	Site No: FS0241	
Date of Visit: 15/03/	2022 Inspector:	
Point of Compliance		
1. Is the farm under inspection local	ated within a farm management area?	Υ
If N, no further questions require co	ompletion.	
2. Has a current farm managemen3. Is the current FMAg/S available4. Does the FMAg/S identify the re5. Does the FMAg/S identify the fis	elevant farm management area? Sh farm site(s) to which it applies? Tate of commencement of the agreement of	prepared? Y Y Y Y
Arrangements for Fish Health Marrangements for Fish Health Marrang	anagement inimum health standards for the stocks to	be introduced to the area or Y
10. Does the FMAg/S identify the s	accination requirements for stocks held in a species of fish which may be stocked into a maximum stocking density of any pen on a	the area or farm?
	arrangements for the storage and disposal ual farm?	of any dead fish from any
Arrangements for The Managem 13. Does the FMAg/S identify arrar	nent of Sea Lice ngements for the sharing of data on sea lic	ce numbers and treatments?
14. Does the FMAg/S identify the a of statement?	availability and the use of medicines on far	rms covered by the agreement Y
15. Does the FMAg/S identify any lice on farms in the area or individu	requirements for the sensitivity testing of a ual farms?	
16. Does the FMAg/S identify the dused on farms in the area or individ	circumstances under which biological cont	rols and cleaner fish are to be
	arrangements for synchronous treatments	on farms within the area?
Live Fish Movements 18. Does the FMAg/S identify the carea or farm?	circumstances when live fish may be introd	
19. Does the FMAg/S identify the a or individual farms?	arrangements for the movement of live fish	n 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 indi	vidual farms?
date when a farm or area may be restoc 22. Does the FMAg/S identify whether or agreement or statement?	ne or more year classes may be stocked onto stoodstock or potential broodstock are to be kep	sites covered by the
Point of Compliance for Farm Manage 24. Does the farm management agreem parties to the agreement?	ement Agreements Only ent 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? 12/09/2021	statement? Y

Case No: 2022-0053 Date of visit: 15/03/2022 Site No: FS0241 Inspector: Results Summary Freq. Date of Notification Database Phone Insp Writing 2nd Insp Insp Insp **IHNP** 22/04/2022 0/5 22/03/2022 22/04/2022 **IPNM** 0/5 22/03/2022 **ISAP** 0/5 22/03/2022 22/04/2022 SALP 22/03/2022 22/04/2022 0/5 VHSP 0/5 22/03/2022 22/04/2022 22/04/2022 SKIN 2/5 24/03/2022 24/03/2022 24/03/2022 22/04/2022 **KPAT** 4/5 24/03/2022 24/03/2022 **EPIT** 1/5 22/04/2022 24/03/2022 14/04/2022 14/04/2022 22/04/2022 **VSPE** 4/5 **TENC** 4/5 14/04/2022 22/04/2022 14/04/2022 Report Summary 2nd Insp Case Type Date Insp 17/03/2022 ECI, CNI, SLI, VMD 22/04/2022 DIA





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0119 Date of Visit 15/03/2022 Site No FS0241 Site Name Kingairloch

Case No 20220053 INSPECTOR

Section 1: Summary

During a routine site inspection, five lethargic fish were observed and removed for further examination and subsequent diagnostic sampling.

Pathology examination revealed bacterial necrotising stomatitis consistent with *Tenacibaculum sp.*. *Tenacibaculum dicentrarchi* was isolated and confirmed by bacteriological analysis and 16S sequencing. Histopathology examination revealed focal bacterial dermatitis also associated with *Tenacibaculum dicentrarchi*, bacterial enteritis in one fish, nephritis with no overt agents detected in H&E sections and marked peritonitis potentially associated with vaccine administration.

Two separate *Vibrio* spp. were identified on plates taken from lesion and kidney material. The growth level and purity of *Vibrio* spp. observed would not suggest these bacteria are acting as a primary pathogens in this case, however, the level observed on plates taken from lesion material suggest they may be significant in that area.

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, a small number of lethargic fish were observed, particularly in pens 5 and 6. The sites health surveillance reports identified Tenacibaculosis as the current cause of morbidity. Five lethargic fish were removed for further examination and subsequent diagnostic sampling.

Fish 3 and 4 were runts and anorexic in appearance. Fish 3 and 5 had mouth erosion and ulceration, while fish 4 had an ulcerative skin lesion on the top of the head. Mild to moderate fraying of fins and tails was also observed in all five fish. No internal clinical signs were observed except for some yellow pseudo-faeces in fish 5. Vaccination adhesions were present in the body cavity of all five fish. Fish 2 to 5 had been at sea for less than 6 months.

Samples

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

R09

Fish number	Facility number	Species	Stage	Origin
1	1	Atlantic Salmon	1.3 kg Q4 2021	Glenfinnan
2 & 3	5	Atlantic Salmon	300g Q4 2021	Glenfinnan
4 & 5	6	Atlantic Salmon	300g Q4 2021	Glenfinnan

Results

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

The following bacteria were isolated:

- Vibrio spp.
 - o Isolate A found in fish: F2 (Kidney); F3 (Kidney, Lesion); F4 (Lesion); F5 (Kidney, Lesion)
 - o Isolate B found in fish: F2 (Kidney); F3 (Kidney, Lesion); F4 (Lesion); F5 (Kidney)
 - o Isolate C found in fish: F2 (Gill); F3 (Lesion, Gill); F4-5 (Lesion, Gill)
- Tenacibaculum dicentrarchi
 - F2 (Gill); F3 (Lesion); F4-5 (Lesion, Gill)

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

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).

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

Histopathological examination revealed the following:

Gill: Minimal interlamellar epithelial hyperplasia (F1), one lamellae displayed mild epithelial thickness (F4), few numbers of basophilic epithelial inclusions (likely epitheliocystis) (F4), some scattered aneurysmal dilation/telangiectasia, lamellar congestion and free blood among gill filaments (F1-F5).

Skin & Muscle: Two small musculature samples exhibited marked fibre necrosis and presence of large clusters or mats of filamentous Gram-negative bacteria with a low grade of inflammatory reaction. The rest of skin sample were within the normal range.

Heart: Within the normal range.

Gut and pyloric caeca: Pyloric caeca lumen displayed proteinaceous eosinophilic material and large clusters of Gram-negative rod-shaped bacteria. Marked peritonitis (potentially associated with vaccine administration) (F2), F3 only exhibited few Gram-negative bacteria clusters.

Pancreas: Within the normal range.

Liver: Some diffuse hepatocyte vacuolation (macrovisicules) (F2, F5).

Kidney: Reduction of haematopoietic tissue, some inflammatory cells circulating within the sinusoidal spaces and occasional glomeruli displayed some pink proteinaceous material. Renal tubes displayed hyaline droplets on the lining epithelium (F2-F5).

Spleen: Capsulitis (F2, F3) and peritonitis in all fish (potentially associated with vaccine administration). Slightly congested (F2-F5).



Signed:

Date: 22/04/2022

Fish Health Inspector

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





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0119

DATE OF VISIT 15/03/2022

SITE NO FS0241

SITE NAME Kingairloch

Case No 20220053 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

All epidemiological units were inspected.

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

Records

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

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

Aquaculture animal and aquaculture animal product movement records were inspected and 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

Date: 17/03/2022

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



Figure 1; Fish 1 - 3 (top to bottom).



Figure 2; Fish 4 & 5 (top to bottom).



Figure 3; Fish 3 lesion.



Figure 4; Fish 4 lesion.



Figure 5; Fish 5 lesion.