FHI 059, Version 13	lssu	led by: FHI	Date of issue: 12/05/2020
Case No: 2021-0470			Date of visit: 01/11/2021
Time spent on site: 3	hrs	Main Inspecto	pr:
Site No: FS0090 Business No: FB0061	Site Name: Business Name:	Ormsary Broodstock Unit Landcatch Natural Selection L	td
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5 DIA	6
Water Temp (°C): 11.9	Thermometer No:	Site	FHI 045 completed
Observations:	Region: ST	Water type: B	CoGP MA: M-44
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see additional infor	rmation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail rea	ason below:	

Additional Case Information:

Due to site biosecurity used site thermometer.

Stock details as dated 27/10/21, movement records collected 1/11/21, remaining records checked on 09/11/21 and supplied 14/11/21.

Harvest strategy not required, land based site in tanks can easily treat and have control on the water that is taken from the sea. Broodstock site so no harvesting takes place normally from the site.

Lethargic fish were observed in tank F1 and removed for diagnostic sampling. Site manager informed me that the mortality reporting threshold had been breached the previous week. 2021 yearclass had been experiencing mortality and samples had been collected by the biologist to determine the cause, which was still unknown at the time of visit. All other year classes on site appeared to be unaffected with low mortality.

Following on from a positive QPCR result for ISA, the HPR region was sequenced. The ISA HPR type has been determined to be HPR0 (non-deleted type).

FHI 059, Version 13			lssu	ed by: FHI			Date of issu	e: 12/05/2020
Case No:	2021-0470]	Site No:	FS0090				
Date of Visit:		01/11/202	1		Inspector(s):			I
Registration/Autho	risation Deta	ails						
1. Business/site deta	ils summary	checked by	site representa	ative?			Y	1
2. Changes made to	details?						Ν]
Site Details (include	e cleaner fis	h for all sec	tions)					
Total No facilities		21	Facilities sto	cked	12	No facilitie	s inspected	21
Species	SAL	SAL	SAL					
Age group	2019	2020	2021					
No Fish	1,100	6,100	9,900					
Mean Fish Wt	10.5kg	7.1kg	1.7kg					
Next Fallow Date (Si	•	none		Next Input Da	_ ` '	April 2022		
Recent (last 4 wks) of					Any escapes		,	N
If yes, detail:	Unknown iss	sues, sample	s have been c	ollected by biol	ogist. No res	ults avaialbe	at this time.	
Movement Records								
1. Movement records		r inspection?	·				4.0/4.0/00.4.0	Ý
2. Date of last inspec			•				16/10/2019	V
3. Are records comp		•						Y
4. Are movement rec								N/A N/A
5. Are records comp		•		bla O				N/A N/A
6. Are health certifica	ates for introd		with GB) availa	adie ?				IN/A
Transport Records								
1. Are any movemen		• •	· · · · · · · · · · · · · · · · · · ·	•				Y
If yes, is there a syst	em in place f	or maintenar	nce of transpo	rtation records?	?			Y
Mortality Records								
1. Mortality records a		•						Ý
2. How are mortalitie	s disposed o	ť?			Incinerated -	on site		
If other detail:			tored					V
3. Mortality records of		correctly en		anta 0.440/	. <u>40</u> <u>45</u> mag a mt	- 0.000/l	- 40 57 res e rete	1
4. Recent mortality (I		tunical marta		orts, 0.11%; wł	(42 - 15 mort	s, 0.09%; W	(43 - 57 morts	s, 0.36%; V
5. Evidence of recen		••		/raaaan:				· · ·
If yes, facility nos/no			, ,	leason.				
wk44 see above, inc 6. Any other peaks in								V
	-	.		W Post transfe	er mort's (not	required to t	pe reported):	2020 week
			• • •	OSW data capt	•	•	• •	
				– week 50 – 1.				
			· ·	graded and cu	•	,		
		· ·	required to be	-			(
If yes, detail:		,		,				
7. Have increased (u	inexplained) i	mortalities be	een reported to	o vet or FHI?				Y
If yes, detail action:		samples col	llected for ong	oing increased	unexplained	mortality		
8. Have 'mortality ev	ents' been re	ported to FH	I? If no, enter	details on mort	ality events sl	heet.		N

Treatments and Me	dicines Records	5			
1. Recent treatments	s (see comment)?	?			Y
If yes, detail:	T.M.	<i>I</i> .S.			
If other, detail:					
2. Medicines records		•			Ý
3. Are records compl	•	entered?			Y
4. Are fish in a withdr	•				Y
5. If yes, what treatm	ient(s)?		T.M.S.		
If other, detail:					
6. Are medicines stor	red appropriately?	?			Y
Biosecurity Record					
1. Biosecurity records					Ŷ
	• •	•	-	disposal been considered?	Y
			ottish Ministers	s or veterinary professional of any	
• •	· ·	the site been included?			Y
		•		on of the presence of a listed disease	
		nd when that will be notif			Y
		-	on the farm s	site been covered (equal or higher	Y
health status, certific	ation in required):				
	•			ch epidemiological unit to minimise	Y
		•		ent, live or dead fish etc.)?	
	U	ng the measures in place	e to maintain t	he physical containment of	Y
aquaculture animals					
	ity procedures be	een adequately implemer	nted on site?		Y
If no, detail:					
Results of Surveilla	ince				
		been carried out by, or c	on behalf of, tl	he business?	Y
2. If yes, are results a		•			Y
3. Any significant res	· · · · · · · · · · · · · · · · · · ·				N
		ent disease problems).			
•		· · ·	of undetermin	ned cause, possible environmental or	handling.
R	Records checked b	between:	16/10/2019 - 1	/11/21	

FHI 059, Version 13				Issued by: FHI		
Case no:	2021-0470	Site No:	FS0090	Date of visit Sampling:	t/ 01/11/20	021 01/
Priority samples:	VI	BA	PA	MG	н	
Time sampling starts/ends:	16:00:00	17:30:00	Inspector:		VMD No.	1
Environmental conditions:	1 Indoors	2	3	4	5	
Summary samples	HIST Y	BA Y	MG Y	VI	PA Tota	al Samples

Add Fish/Pools - click

	Pool/Fish No	F1	F2	F3	P1					
	Fish nos	1	2	3	1-3	4				
	Pool Group	P1	P1	P1						
	Species	SAL	SAL	SAL	SAL					
	Average weight	1kg	1.2kg	1.2kg		1.4kg				
	Sex	female	female	male		N/A				
	Water Type	SW	SW	SW		SW				
Stock Details	Stock Origin Facility No	H Langass Hatchery	H Langass Hatchery	H Langass Hatchery	Langass Hatchery	ᇇ Langass Hatchery				

11/2021	1/2021 Additional Sample Information:											
	•	T . (.) T			0							
4	l	Total T	ests ass	igned	2							

FHI 059, Version 13			Issued by: FHI					Date of issue: 12/05/)5/20
Case no:	2021-0470		Site	No:	FS009	0	Me	thod of	killing:	Percus	sive]
Date of visit:	01/11/20	021	Inspe	ector(s):				S	heet Re	elevant:	Y)
S for strong prese	nce: M for medium presence: W	for weak p	resence									
Fish Number		F1	F2	F3			_					7
	er death (if > 45 minutes)											1
External Signs	· ·											1
Behaviour	Moribund	S										ļ
	Lethargic	S	М	М			_					1
	Hanging vertical				_							ł
	Spiralling		_		_		_					1
	Flashing Loss of equilibrium		_		_		_					ł
Body	Dark				_							ł
Body	Distended abdomen						_					1
	Anorexic			W								1
	Scale Oedema											1
Opercula	Shortened											1
	Flared											Ι
Haemorrhaging	Throat											ļ
	Ventrum											ļ
	Base of fins											ļ
5	Elsewhere		_									ł
Eyes	Exophthalmic											ł
	Enophthalmic (sunken) Cataract											ł
	Haemorrhagic		_		-		_					ł
Gills	Pale		_				_					ł
	Zoned											1
	Necrotic											1
Lesions	Flank											1
	Elsewhere											1
Vent	Inflamed											Ι
	Trailing faeces											I
Lice Load	Estimate numbers											ļ
					_							ł
Internal Signs	Clear		_		_		_					ł
Ascites	Clear Bloody		м	w			_					1
Oedema	In tissues				_							ł
Heart	Pale/anaemic						_					Ì
	Granulomas											1
	Deformed											1
Liver	Petechial haem	W	W	W								1
	Gross haem											I
	Tissue breakdown	W	W									Ļ
	Enlarged		_		_		_					1
	Colour number(s)				_							ł
	Granulomas		_		_		_					ł
Pyloric caeca	Lesions Petechial haem											ł
	Tubules mauve											ł
	Lack of fat											t
Spleen	Enlarged		W	W								1
	Granulomas											1
Gut	No food present											I
	Yellow pseudo-faeces	Μ	М									ļ
	External haem											ļ
	Internal haem											ł
Body wall Swim bladder	Haemorrhaging											ł
Swim bladder	Haemorrhaging											ł
Kidney	Fluid filled Swollen											ł
	Grey	w	w									ł
	Granular											1
	Liquefied											1
General	Parasites present]
	Anaemia											I
												_

Case no:	2021-0470

Date of visit:

01/11/2021

S for strong presence: M for medium presence: W for w

	nce: M for medium presence: W for v	٨		-	 -	 -	 -
Fish Number							
	er death (if > 45 minutes)						
External Signs							
Behaviour	Moribund						
	Lethargic						
	Hanging vertical						
	Spiralling						
	Flashing						
	Loss of equilibrium						
Body	Dark						
	Distended abdomen						
	Anorexic						
	Scale Oedema						
Opercula	Shortened						
	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							
Ascites	Clear						
	Bloody						
Oedema	In tissues						
Heart	Pale/anaemic						
	Granulomas						
	Deformed						
Liver	Petechial haem						
	Gross haem						
	Tissue breakdown						
	Enlarged						
	Colour number(s)						
	Granulomas						
Pyloric cocco	Lesions Petechial haem						
Pyloric caeca	Tubules mauve						
	Lack of fat						
Spleen	Enlarged						
opieen	Granulomas						
Gut	No food present						
Sut	Yellow pseudo-faeces						
	External haem						
	Internal haem						
Body wall	Haemorrhaging						
Swim bladder	Haemorrhaging						
	Fluid filled						
Kidney	Swollen						
Nulley	Grey						
	Granular						
General	Granular Liquefied						
General	Granular						

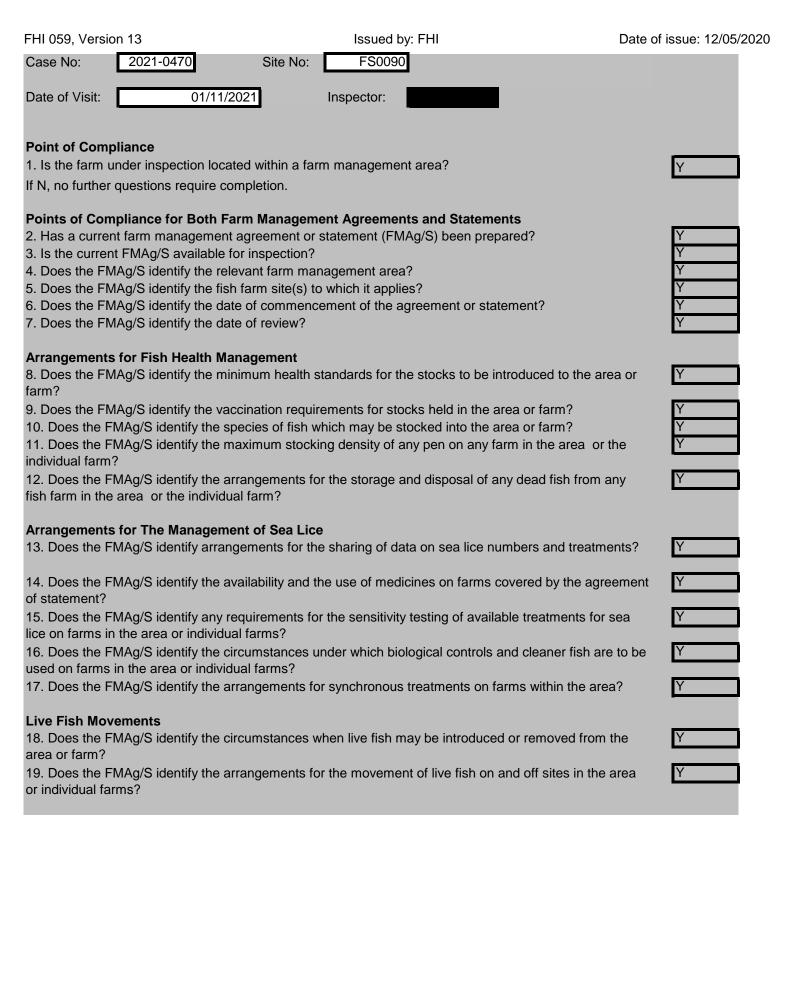
Additional comments:

F1&F2 appeared to be females in the early stages of producing eggs, F3 appeared to be male filled with milt.

F1 was externally very pale. In the water it appeared to have a brown coloured discolouration to the head and to a lesser extent near the dorsal fin. Once removed from the water this was not apparent anymore. Similar discolouration was noted on a few individuals in the same tank to a lesser extent and these fish were active and did not appear to be moribund or lethargic.

FHI 059, Version 13		ISSUED by. FHI				1 155Ue	. 12/05/2020
Case Number:	2021-0470		Site No:	FS0090		Insp:	
Date of Visit	01/11/2021		No of mo	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	_
Movements on (from out	-	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or including third country	0	9	18	26	0
	Number of sup		0	5	10	14	0
Movements off	Frequency of n	novements off	0	3	6	10	10
	Number of des		0	3	6	10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or	•	0				
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		1
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	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 ow	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	from zone or compartment of us	4				
		from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0				C
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0				C
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		C
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							<u> </u>
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		18 MEDIUM
							-

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0470	Site No:	FS0090
Sea Lice Inspection (Seawater Sites Only)		
 Has the site experienced sea lice problems Is the CoGP Farm Management Area (or e 	s in the previous 4 years? quivalent) fallowed synchronously on a single	year class basis?
	enced in-feed and bath sea lice medications (ir well as access to suitable biological and/or me d of time?	
4. Is there a signed documented farm manag Management Area (or equivalent)?	ement agreement or statement relevant to the	site and CoGP Farm Y
 5. Are sea lice count records available for ins 6. Do records adequately reflect the required 	pection? (Legal SSI, CoGP Annex 6) standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6) Y
7. Are sea lice (<i>L. salmonis</i>) record levels be records are inspected? (CoGP Annex 6)	low the suggested criteria for treatment in the C	CoGP during the period that N
8. Have average adult female sea lice (<i>L. sal.</i> 2 or above (from w/b 10/6/19) during the period	<i>monis</i>) numbers per fish been at a level of 3 or od that records are inspected?	above (prior to w/b 10/6/19) or N
If yes, have these been reported to the Fish F 9. Is <i>C. elongatus</i> infestation at a level which	lealth Inspectorate? If no, FHI see comment. is considered to cause significant welfare prob	lems? (CoGP 4.3.81, 5.3.50)
suggested criteria for treatment or where C. e	stered or other actions taken when <i>L. salmonis</i> <i>elongatus</i> is considered to have welfare implication	tions? (CoGP 4.3.82, 5.3.51)
11. Has any other action been taken (where a		N/A
	s taken had a significant impact upon the lice le	
	out in cooperation between participating farms	
14. Is there a harvesting strategy for the site, sea lice?	where fewer populations or part populations ar	e held without treatment for N/A
15. Is there a site specific written lice manage scenarios during the escalation of a sea lice it	ement procedure with waypoints describing set nfestation?	actions to deal with recognised Y
16. Do the sea lice levels observed on stocks	reflect sea lice count data? If no please detail	reasons. Y
Containment Inspection	and up to productors in the ourrent or providuo p	raduction evalue?
	ge due to predators in the current or previous p the predation experienced on site? (Detail below	
If other, detail below:		
tanks outside with covers		
3. Have escape incidents or events been exp	perienced on or in the vicinity of the site since the	ne last FHI inspection? N
If Yes proceed with questions 4 – 9. If No skip	o to question 10	
4. Have these been reported to Scottish Minis	sters?	
	orthwith (where they exist)? (CoGP – 4.4.37, 5.	
6. Have these been reported to the SSPO an	d local fisheries trusts forthwith (where they exi	st)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover esc	apees? If yes give detail	
8. If gill nets were deployed was this action a	greed with local wild fish interests and was perr	nission given by Scottish
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)		
	mise the risk of further escapes? (Not covered	in code but could
be considered under satisfactory measu		
10. Is the site inspected as satisfactory with r	egards to containment? If no, please detail reas	son(s) Y



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 inc	dividual farms?
Fallowing		
21. Does the FMAg/S identify the dates a date when a farm or area may be restoc	by which the area or individual farm will be fal ked?	llow and the earliest Y
22. Does the FMAg/S identify whether or agreement or statement?	ne or more year classes may be stocked onto	o sites covered by the Y
23. Does the FMAg/S identify whether br covered by the agreement or statement?	roodstock or potential broodstock are to be ke	ept on any site Y
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 beco	ome, or cease to be, N/A
Management and operation		
	operated in accordance with the agreement o	or statement? Y
26. What is the version no/date of issue	of the FMAg/S? 14-Dec-19	

Site No: FS0090

Case No: 2021-0470

Nature of non-compliance:

Action taken (FHI):

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

Case No: 2021-0470 Site No: FS0090 Date of visit: 01/11/2021

Start date:	End date: (if applicable)	Size of fish:	Average weight of affected	Species:	Yearclass (SW SAL	Timescale	Mortality rate recorded(%):	Explained/ unexplained:	If explained, select reason(s):
			population:		only):				
28/06/20	04/07/2020	≥750g	3kg	SAL		Weekly	1.86	Explained	Poor doer/ Runts
05/07/20	11/07/2020	≥750g	3.1kg	SAL		Weekly	2.16	Explained	Poor doer/ Runts
19/07/20	25/07/2020	≥750g	3.1 kg	SAL		Weekly	1.25	Explained	Poor doer/ Runts
26/07/20	01/08/2020	≥750g	3.2 kg	SAL		Weekly	1.08	Explained	Poor doer/ Runts
06/12/20	12/12/2020	≥750g	3.5kg	SAL		Weekly	1.54	Explained	Grilse
24/10/21	30/10/2021	≥750g	3.8 kg	SAL		Weekly	2.90	Unexplained	
31/10/21	06/11/2021	≥750g	3.9kg	SAL		Weekly	4.59	Unexplained	
07/11/21	13/11/2021	≥750g	4.1kg	SAL		Weekly	6.94	Unexplained	
21/11/21	27/11/2021	≥750g	4.2kg	SAL		Weekly	1.09	Unexplained	
28/11/21	04/12/2021	≥750g	4.3kg	SAL		Weekly	1.76	Explained	Grilse
05/12/21	11/12/2021	≥750g	4.3 kg	SAL		Weekly	1.26	Explained	Grilse
		-	_			-	_		
			_				_		

If unexplained, sel	lect 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
		bservations (ensure in		Historic mortality picked up during site visit.	
	correct cell)			Historic mortality picked up during site visit.	
				Historic mortality picked up during site visit.	
		149		Historic mortality picked up during site visit.	
		164		Historic mortality picked up during site visit.	
Gill insult		447	Histology samples taken	Mortality picked up during site visit.	
Gill insult		682	Bacteriology and virology samples taken	Mortality picked up during site visit.	
Gill insult		979	Gill swabs and blood samples taken	Mortality picked up during site visit.	
Gill insult		139		Mortality picked up during site visit.	
Gill insult		221	Biologist notified	Mortality picked up during site visit.	
Gill insult		155	MS inspector verbally notified on 01.11.2021 during site visit	Mortality picked up during site visit.	

Case No:	2021-0470]		Date of visit:	01/11/202]		
Site No:	FS0090	נ		Inspector:				
Results Summary	Freq.				te of Notifica		.	
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
MG-ISA	1/1	08/11/2021		08/11/2021		03/12/2021		
MG-IPN	1/1	08/11/2021		09/11/2021		03/12/2021		
MG-VHS	0/1	08/11/2021		09/11/2021		03/12/2021		
MG-IHN	0/1	08/11/2021		09/11/2021		03/12/2021		
MG-SAV	0/1	08/11/2021		09/11/2021		03/12/2021		
CGDH	3/3	29/10/2021				03/12/2021		
GPAT	3/3	29/10/2021				03/12/2021		
EPIT	3/3	29/10/2021				03/12/2021		
LPAT	2/3	29/10/2021				03/12/2021		
AMGD	3/3	29/10/2021				03/12/2021		
ISA - IHC	0/1	29/10/2021		10/11/2021		03/12/2021		
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, SLI. VMD	18/01/2022		2 1150					
DIA	03/12/2021							
	00, 12,2021							
	+							
	1							





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No FB0061 SITE NO FS0090 CASE NO 20210470

SITE NAME INSPECTOR

DATE OF VISIT 01/11/2021 **Ormsary Broodstock Unit**

Section 1: Summary

During a routine inspection lethargic fish were observed on site and removed for diagnostic sampling. Increased unexplained mortality in one year class (2021) was being investigated at the time of the visit.

Histopathological examination revealed marked vascular disturbance potentially associated with water bourn insult. Mild, multifactorial, non-specific proliferative branchitis was also noted. Pathology was also consistent presence of epitheliocystis (likely Candidatus Branchiomonas cysticola) and amoebic gill disease (AGD). Mild multifocal hepatic necrosis (F1 & F3) and haemorrhage were observed in F3.

Samples were screened for infectious salmon anaemia virus (ISAV) by QPCR as part of the surveillance program for the control of listed diseases. The samples tested positive for infectious salmon anaemia virus (ISAV) by QPCR and the sequence data confirmed the presence of ISAV HPR0, the non-pathogenic form of the virus. Additionally, an ISAV immunochemistry (IHC) assay which targets the pathogenic form of the virus (ISA-deleted nucleoprotein) was performed and was found to be negative. In relation to the ISAV HPR0 result obtained, along with the observations made on site, no further statutory action is required to be taken in this case, ISAV HPR0 not being a disease listed in The Aquatic Animal Health (Scotland) Regulations 2009.

Samples also tested positive for Infectious pancreatic necrosis virus (IPNV) by QPCR.

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

Section 2: Case Detail

Observations

During a routine inspection lethargic fish were observed on site and removed for diagnostic sampling. The site was stocked with 3 year classes of Atlantic salmon broodstock at the time of the visit. Increased mortality had been observed in the population that went to sea in 2021, the previous week. Mortality of 195 fish or 1.93% was observed on site in the week beginning 22 October 2021. The following week, week beginning 29 October 2021, 513 fish or 5.93% were reported to the Fish Health Inspectorate.

F1 was displaying moribund and lethargic behaviour prior to being removed from the tank, while F2 and F3 were lethargic. Externally, F1 showed pale discolouration with brown patches visible while R09

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

the fish was in the water at the anterior and posterior dorsal surface. F3, appeared to be slightly anorexic. Internally, all three fish showed signs of maturation, with some petechial haemorrhaging evident on the liver and some liver breakdown observed in F1 & F2. Bloody ascites was observed in the body cavity of F2 and F3, and the spleen appeared somewhat enlarged in both individuals. Yellow pseudo-faeces were observed in F1 & F2 and the kidney appeared to have a slightly grey sheen in both individuals.

Samples

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

r	Fish number	Pool number	Facility number	Species	Stage	Origin	
	F1-F3	P1	F1	Atlantic salmon (Salmo salar)	1.7kg, 2021	Langass Hatchery	

<u>Results</u>

Bacteriology: Kidney and gill material from F1-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).

Infectious pancreatic necrosis virus (IPNV)

Pool Number	Endogenous control Cp value		Cp Values	5	Reported Result (PCR)
P1	19.69	34.72	35.59	36.26	POSITIVE

Infectious salmon anaemia virus (ISAV)

	Pool Number	Endogenous control Cp value		Cp Values	5	Reported Result (PCR)							
	P1	19.69	38.3	38.55	39.47	POSITIVE							
c	Sequencing confirmed 100% identity of ISA HDD0												

Sequencing confirmed 100% identity of ISA HPR0.

An ISAV immunochemistry (IHC) assay which targets the pathogenic form of the virus (ISA-deleted nucleoprotein) was performed and was found to be negative.

The samples tested negative for infectious haematopoietic necrosis virus (IHNV), 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 three fish. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination by light microscopy of 3 Atlantic salmon revealed the following:

<u>Gill:</u> Mild multifocal hyperplasia and lamellar fusion, mainly observed at the base of the gill filament (F1). Foci of cellular necrosis also observed on the hyperplasic plaques (F1). Some adhesions of

R09

the adjacent lamellae also noted in all fish. Rare amoeboid cells resembling *Neoparamoeba perurans* observed in F1; F1 and F3 exhibited basophilic epithelial inclusions (likely epitheliocystis). All fish displayed displacement of the chloride cells and prominent goblet cells. Lamellae exhibited marked, diffuse, vascular disturbance, several aneurismal dilations and thrombi observed in all fish. Skin & Muscle: Within normal range.

Heart: Two thrombi observed in the atrium chamber (F2).

Gut and pyloric caeca: Within normal range.

Pancreas: Within normal range.

<u>Liver:</u> Multiple small foci of hepatic cell necrosis (F1 & F3). F3 also displayed a focally extensive haemorrhage.

<u>Kidney:</u> Foci of absence of haematopoietic tissue (F2) and increased numbers of melanomacrophages aggregates (F3).

Spleen: Within normal range.

Signed:

Date: 03/12/2021

Fish Health Inspector

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

marinescotland science



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No FB0061 SITE NO FS0090 CASE NO 20210470

DATE OF VISIT 01/11/2021 SITE NAME INSPECTOR

Ormsarv Broodstock Unit

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 has been issued detailing the results of these tests.

Records

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

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

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

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 not been reported to the Fish Health Inspectorate. I would like to remind you of the industry agreement in relation to mortality reporting as detailed in A Code of Good Practice for Scottish Finfish Aquaculture.

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

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.

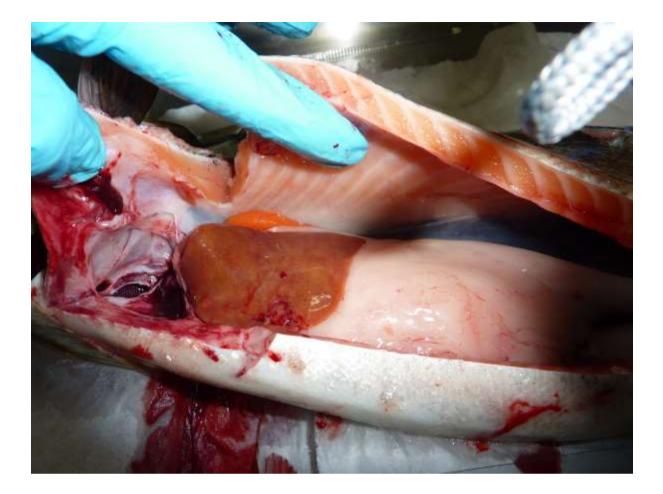
Signed:

Fish Health Inspector

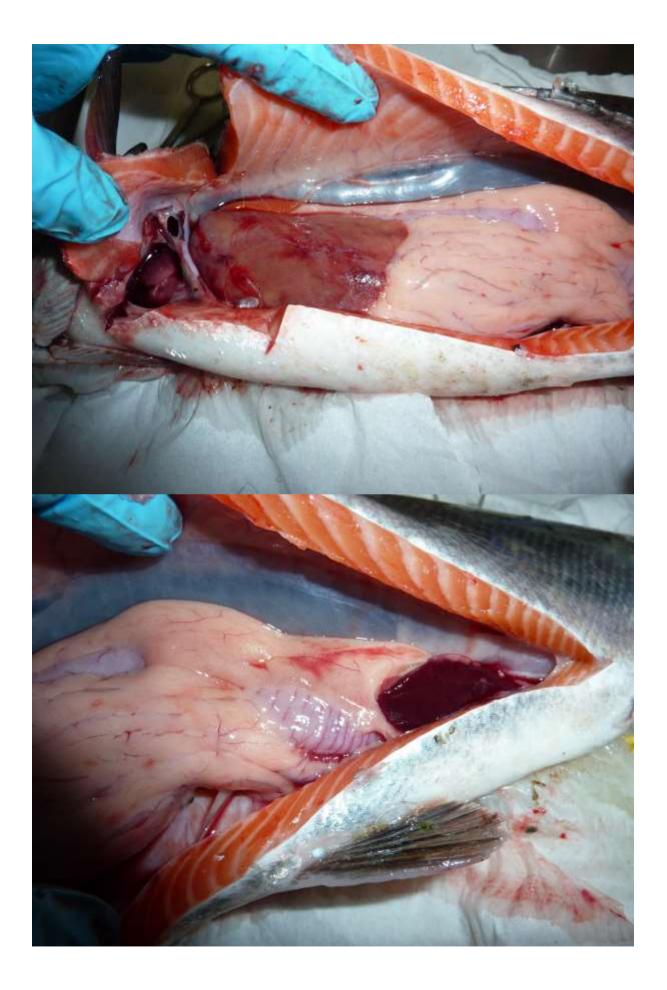
Date: 18/01/2022

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

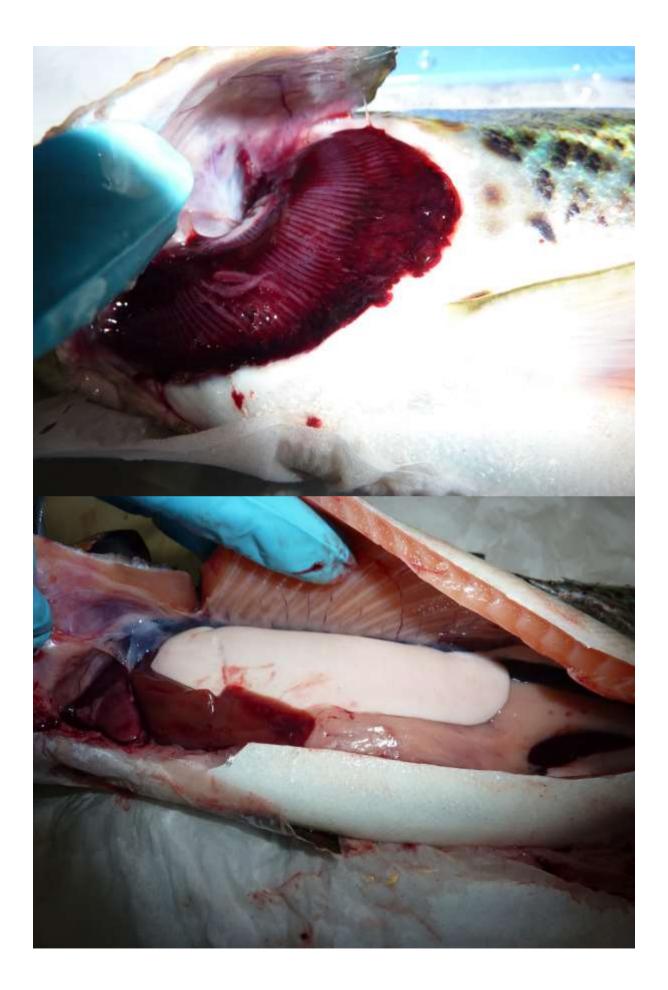












FHI 059, Version 13	Issue	ed by: FHI	Date of issue: 12/05/2020				
Case No: 2021-0482			Date of visit: 10/11/2021				
Time spent on site:	Bhrs	Main Inspecto	r:				
Site No: FS0016 Business No: FB0119	Site Name: Business Name:	Loch Alsh (Sron) Mowi Scotland Ltd					
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6				
Water Temp (°C): 12.2	Thermometer No:	T205	FHI 045 completed				
Observations:	Region: HI	Water type: S	CoGP MA M-21				
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	ed?	 N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. 					
UNI/REG only - if unable to carry	y out intended visit detail reas	son below:					

Additional Case Information:

Stocked and fish transferred from Ardintoul. Freshwater treated prior to being moved. Stock origin, Stofinfiskur from Loch Loch

Cleanerfish Mortality (recent Wrasse); Wk44: 1.53%, 876 Wk43: 1.63%, 947 Wk42: 2.63%, 1569 Wk41: 1.08%, 648

Cleanerfish mortality (recent Lumpfish); Wk44: 0.78%, 239 Wk43: 3.54%,1118 Wk42: 3.45%, 1128 Wk41: 2.41%,808

Lumpfish seem to be in better condition due to handfeeding which keeps the fish away from the nets. Mortalities have reduced as a result through the new cycle.

Other Mortality peaks: Wrasse-2021 Wk 40, 4.49%, 1574; Wk 39, 3.01%, 1088 SAL-2019 Wk47: hydrolicer, anaemia and moribund SAL-2020 Wk24: clinical CMS SAL-2020 Wk25: clinical CMS

Wrasse were found to be positive for furunculosis in Oct 2021. W/b 08/11/2021 the fish are being treated with florifenicol (in block form).

Inspection completed by many, observed by many. VMD sampled by many, observed by

Case No: 2021-0482 Site No: FS0016 Date of Visit: 10/11/2021 Inspector(s): Inspector(s): Registration/Authorisation Details 1. Business/site details summary checked by site representative? Y 2. Changes made to details? N Site Details (include cleaner fish for all sections) Total No facilities T0 Facilities stocked Y
Registration/Authorisation Details 1. Business/site details summary checked by site representative? 2. Changes made to details? Site Details (include cleaner fish for all sections)
1. Business/site details summary checked by site representative? Y 2. Changes made to details? N Site Details (include cleaner fish for all sections)
2. Changes made to details? N Site Details (include cleaner fish for all sections)
Site Details (include cleaner fish for all sections)
Total No facilities III Eacilities stocked III No facilities inspected
Total No facilities 10 Facilities stocked 9 No facilities inspected 9
Species SAL WRS LUM
Q1 2021 2020 wild 2021
Age group caught
No Fish 693,208 56,237 37,502
Mean Fish Wt 2.2kg 200g 60g
Next Fallow Date (Site) June 2022 Next Input Date (Site) January 2023
Recent (last 4 wks) disease problems? N Any escapes (since last visit)? N
If yes, detail:
Movement Records
1. Movement records available for inspection?
2. Date of last inspection: 30/10/2019
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? N/A
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 mortalities disposed of? Ensiled - on site If other detail:
3. Mortality records complete and correctly entered? 4. Recent mortality (last 4 wks): 2021 Wk44, 0.20%, 1380; Wk43, 0.38%, 2671; Wk42,0.15%, 1072; Wk41,
4. Recent mortality (last 4 wks): 2021 Wk44, 0.20%, 1380; Wk43, 0.38%, 2671; Wk42,0.15%, 1072: Wk41, 5. Evidence of recent increased/atypical mortalities? N
If yes, facility nos/no mortality per facility/no stock per facility/reason:
6. Any other peaks in mortality during period checked?
If yes, detail:
7. Have increased (unexplained) mortalities been reported to vet or FHI? N/A
If yes, detail action:
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.

Treatments and Medicines Records	
1. Recent treatments (see comment)?	Y
Hydrogen T.M.S Florfenicol	
If yes, detail: Peroxide	
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 Florfenicol	
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 how and when that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	Y
If yes, detail (if not detailed under recent disease problems). Furunculosis in Wrasse Oct 21	
Positive result for AGD Sept 21	
Records checked between: 30/10/2019-10/11/22021	

Fł	HI 059, Version 13					Issued by: FHI							
	Case no:	2021-04	482	Site No:		FS0016			Date of		10/	11/2021	10/ ⁻
l	Priority samples:	VI		BA		PA		MG	Samplin	g: HI		I	
l	Time sampling starts/ends:	11:1	5:00	11:40:00		Inspector		or:	r:		VMD No	D.	21
	Environmental conditions:	1	Indoors	2		3		4		5			
l	Summary samples	HIST		BA		MG		VI		PA		Total Sa	imples
A	dd Fish/Pools - click												
	Pool/Fish No			-									
	Fish nos	1	2	3									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	2.2kg	2.2kg	2.2kg									
	Sex	N/A	N/A	N/A									
	Water Type	SW	SW	SW									
Stock Details	Stock Origin Facility No	بالحمد (FS0150) Loch Lochy (FS0150)	u Loch Lochy (FS0150)	ю Loch Lochy (FS0150)									
0)	,	•		v									

11/2021	Additional Sample Information:														
0	D Total Tests assigned 0														

Issued by: FHI

		· · · · · · · · · · · · · · · · · · ·					
Case Number:	2021-0482		Site No:	FS0016		Insp:	
Date of Visit	10/11/2021		No of m	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or		0	10	26	0
opooloo	Number of sup	ncluding third country	0	9	18 10	26 14	0
		•					
Movements off	Frequency of n		0	3	6	10 10	10
Exposure via water	Number of des	Site contacts	_	د 1-5	^ہ 6-10	10	3
Water contacts with other	Farm is protect	ted (secure water supply through	, , , , , , , , , , , , , , , , , , ,	1-5	0-10		
farms (holding species	disinfection or		0				
susceptible to same		or in a coastal zone with category I					
diseases)		n or within 1 tidal excursion	1	2	4		2
		or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
	-	or in a coastal zone with category V					
		n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with	Any processing	g 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 ow	n fish (re-cycling risk)	0				
	-		1				
	-	n from MS of equivalent status	2				
	equivalent stat	n from zone or compartment of	4				
		n from Category III farm	8				
	Processing fish	n from Category V farm	10				
Disposal of fish and fish by-	Site's own was	to only processed					
products		••	0				
		esses with other farms	3				
	Collection poin	t for waste from other farms	5				5
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0				0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes						0
between sites, use of	No		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 correc	Yes						
Platform access to cages			0				0
	No		2				
					Total		20
					Rank		MEDIUM
							-

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0482	Site No:	FS0016
3. Does the site have access to a range of lice	quivalent) fallowed synchronously on a single y enced in-feed and bath sea lice medications (in well as access to suitable biological and/or med	cluding deltamethrin, Y
4. Is there a signed documented farm manage Management Area (or equivalent)?	ement agreement or statement relevant to the s	ite and CoGP Farm Y
 5. Are sea lice count records available for insp 6. Do records adequately reflect the required s 	pection? (Legal SSI, CoGP Annex 6) standard specified in the SSI and the CoGP? (L	egal SSI, CoGP Annex 6) Y
7. Are sea lice (<i>L. salmonis</i>) record levels bel records are inspected? (CoGP Annex 6)	ow the suggested criteria for treatment in the C	oGP during the period that Y
8. Have average adult female sea lice (<i>L. saln</i> 2 or above (from w/b 10/6/19) during the period	<i>nonis</i>) numbers per fish been at a level of 3 or and that records are inspected?	above (prior to w/b 10/6/19) or N
If yes, have these been reported to the Fish H 9. Is <i>C. elongatus</i> infestation at a level which	lealth Inspectorate? If no, FHI see comment. is considered to cause significant welfare probl	ems? (CoGP 4.3.81, 5.3.50) N
	stered or other actions taken when <i>L. salmonis</i> <i>longatus</i> is considered to have welfare implicat	
13. Are treatments, where conducted, carried	pplicable)? s taken had a significant impact upon the lice le out in cooperation between participating farms' where fewer populations or part populations are	? Y
sea lice? 15. Is there a site specific written lice manage scenarios during the escalation of a sea lice in	ment procedure with waypoints describing set a nfestation?	actions to deal with recognised Y
-	reflect sea lice count data? If no please detail r	reasons. Y
	ge due to predators in the current or previous pr he predation experienced on site? (Detail below	
Seal Pro nets, Bird nets tensioned nets		
If other, detail below:		
 Have escape incidents or events been exp If Yes proceed with questions 4 – 9. If No skip 4. Have these been reported to Scottish Minis 		e last FHI inspection? N
5. Have these been reported to local DSFB fo	rthwith (where they exist)? (CoGP – 4.4.37, 5.4 d local fisheries trusts forthwith (where they exis	
7. Were methods (if any) used to recover esca	apees? If yes give detail	
8. If gill nets were deployed was this action ag Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	reed with local wild fish interests and was perm	nission given by Scottish
9. What action was taken to prevent and minin be considered under satisfactory measur	mise the risk of further escapes? (Not covered i res of the Act)	in code but could
10. Is the site inspected as satisfactory with re	egards to containment? If no, please detail reas	on(s) Y

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0482 Site N	lo: FS0016	
Date of Visit: 10/11/2021	Inspector:	
Point of Compliance		
1. Is the farm under inspection located within a	a farm management area?	Υ
If N, no further questions require completion.		
Points of Compliance for Both Farm Manage 2. Has a current farm management agreement 3. Is the current FMAg/S available for inspectiv 4. Does the FMAg/S identify the relevant farm 5. Does the FMAg/S identify the fish farm site 6. Does the FMAg/S identify the date of comm 7. Does the FMAg/S identify the date of review	it or statement (FMAg/S) been prepa on? management area? (s) to which it applies? nencement of the agreement or state	red? Y Y Y
Arrangements for Fish Health Management 8. Does the FMAg/S identify the minimum hea	t	roduced to the area or Y
farm? 9. Does the FMAg/S identify the vaccination re 10. Does the FMAg/S identify the species of fi 11. Does the FMAg/S identify the maximum st individual farm?	sh which may be stocked into the are	ea or farm? Y
12. Does the FMAg/S identify the arrangemen fish farm in the area or the individual farm?	ts for the storage and disposal of an	y dead fish from any Y
Arrangements for The Management of Sea	Lice	
13. Does the FMAg/S identify arrangements for	or the sharing of data on sea lice nur	nbers and treatments? Y
14. Does the FMAg/S identify the availability a of statement?	nd the use of medicines on farms co	overed by the agreement
15. Does the FMAg/S identify any requirement lice on farms in the area or individual farms?	ts for the sensitivity testing of availab	le treatments for sea
16. Does the FMAg/S identify the circumstance used on farms in the area or individual farms?		nd cleaner fish are to be Y
17. Does the FMAg/S identify the arrangemen		ms within the area?
Live Fish Movements 18. Does the FMAg/S identify the circumstanc area or farm?	es when live fish may be introduced	
19. Does the FMAg/S identify the arrangemen or individual farms?	ts for the movement of live fish on a	nd off sites in the area Y

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable I	narvest practices on farms in the area or indiv	vidual farms?
date when a farm or area may be restocked	which the area or individual farm will be fallo ed? e or more year classes may be stocked onto s	
agreement or statement?	odstock or potential broodstock are to be kep	
Point of Compliance for Farm Managen 24. Does the farm management agreemen parties to the agreement?	nent Agreements Only nt include arrangements for persons to becom	me, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and op 26. What is the version no/date of issue of	perated in accordance with the agreement or f the FMAg/S? 01/12/2020	statement? Y

Case No:	2021-0482]		Date of visit	: 10/11/2021]		
Site No:	FS0016]		Inspector	:			
Results Summary	Freq.				ate of Notifica	ation		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
							-	
	+							
							_	
							-	
							-	
							_	
	+							
1								

Report Summary			
Case Type	Date	Insp	2 nd Insp
ECI, SLI, CNI, VMD	08/02/2022		

marine scotland science



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS No
 FB0119

 SITE No
 FS0016

 CASE No
 20210482

DATE OF VISIT10/11/2021SITE NAMELoch Alsh (Sron)INSPECTORInspector

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 two years. The category of the site will be reassessed on a routine basis and updated as required.

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

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

Mortality records were inspected and found to be adequately maintained.

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

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.



Date: 08/02/2022

Fish Health Inspector

FHI 059, Version 13	ls	ssued by: FHI	Date of issue: 12/05/2020					
Case No: 2021-0512			Date of visit: 15/11/2021					
Time spent on site:	2.5 hours	Main Inspe	ctor:					
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Farms	Ltd					
Case Types: 1 MOV	2 3	4 5	6					
Water Temp (°C):	Thermometer No:		FHI 045 completed N/A					
Observations:	Region: ST	Water type: S	CoGP MA:					
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? UNI/REG only - if unable to carry out intended visit detail reason below:								

Inspection of 22 tonnes (18 bags) of mussels for export to Lenger Seafoods Ireland Ltd. Certificate MS2021/0046 signed and left on site. Mussels looked clean and in good condition. No other shellfish observed in the bags.

FHI 059, Version 13			lssu	ied by: FHI		C	Date of issue	e: 12/05/2020
Case No:	2021-0512]	Site No:	SS0759	9			
Date of Visit:		15/11/2021]		Inspector(s):			
Registration/Autho	orisation Det	ails						
1. Business/site deta		checked by s	site representa	ative?		1	١	
2. Changes made to	o details?					1	N/A	
Site Details (includ	le cleaner fis	h for all sect	tions)					
Total No facilities		23	, Facilities sto	ocked	23	No facilities	inspected	0
Species	MED	MED						
Age group	2020	2021						
No Fish	232 tonnes	10 tonnes						
Mean Fish Wt	Juvenille	Spat		Novt Input Dr		Notural apat	fall	
Next Fallow Date (S Recent (last 4 wks)		No plans		Next Input Da	_ ` '	Natural spat s (since last vis		N/A
If yes, detail:				1	Any escapes		511):	IN/75
Movement Record 1. Movement record 2. Date of last inspe 3. Are records comp 4. Are movement re 5. Are records comp 6. Are health certific Transport Records 1. Are any movement If yes, is there a system Mortality Records	Is available for oction: blete and corr cords availab blete and corr ates for introd nts carried ou	ectly entered le for dead fis ectly entered ductions (outv it by (or on be	sh and waste? ? vith GB) availa shalf) of the bu	able? usiness (not us		[2/11/2021	Y N/A N/A N/A
1. Mortality records	available for i	nspection?					ſ	Y
2. How are mortalitie	es disposed c	of?			Other (detail)		
If other detail:		fall to sea be						NI/A
3. Mortality records	•	correctly ent		Lass and a Pt				N/A
 4. Recent mortality (last 4 wks): No observed mortality 5. Evidence of recent increased/atypical mortalities? 								N/A
If yes, facility nos/no				/reason:			L	
		10.01.19/110 010		,				
6. Any other peaks i	n mortality du	iring period cl	necked?					N/A
If yes, detail:								
7. Have increased (unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:	iontol hoon		Difno onter	dotoilo ere re ere	tolity oversta	haat		N/A
8. Have 'mortality ev	venus been re	poned to FHI	r in no, enter	uetails on mor	tally events s	neet.		IN/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
1. Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: Last inspection - 15/11/2021	

Case No:	2021-0512			Date of visit:	15/11/2021]		
Site No:	SS0759	l		Inspector:		I		
Results Summary	Freq.				te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	•							
Report Summary								
Case Type MOV	Date	Insp	2 nd Insp					
MOV	02/02/2022							
	ļ							





SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS
 No
 SB0530

 SITE NO
 SS0759

 CASE NO
 20210512

DATE OF VISIT15/11/2021SITE NAMEFearnaINSPECTORInspector

Inspection for export

The above site was visited and a consignment of common mussel for export to Ireland was inspected. A health certificate was issued which must travel with the consignment to the destination.

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



Date: 02/02/2022

FHI 059, Version 13	lssu	Date of issue: 12/05/2020						
Case No: 2021-0513			Date of visit: 16/11/2021					
Time spent on site:	2.5 hours	Main Inspec	tor:					
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Farms I	_td					
Case Types: 1 MOV	23	4 5	6					
Water Temp (°C):	Thermometer No:		FHI 045 completed N/A					
Observations:	Region: ST	Water type: S	CoGP MA:					
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? UNI/REG only - if unable to carry out intended visit detail reason below:								

Inspection of 22 tonnes (18 bags) of mussels for export to Lenger Seafoods Ireland Ltd. Certificate MS2021/0047 signed and left on site. Mussels looked clean and in good condition. No other shellfish observed in the bags.

FHI 059, Version 13			lssu	ied by: FHI		D	ate of issue	: 12/05/2020
Case No:	2021-0513]	Site No:	SS0759	9			
Date of Visit:		16/11/2021]		Inspector(s):			
Registration/Autho	orisation Det	ails						
1. Business/site det		checked by s	site representa	ative?			J	
2. Changes made to	o details?					Ν	J/A	
Site Details (includ	le cleaner fis	h for all sect	tions)					
Total No facilities		23	Facilities sto	ocked	23	No facilities i	inspected	0
Species	MED	MED						
Age group	2020	2021						
No Fish	210 tonnes	10 tonnes						
Mean Fish Wt	Juvenile	Spat						
Next Fallow Date (S		No plans		Next Input Da	_ ` '	Natural spat		
Recent (last 4 wks)	disease prob	lems?			Any escapes	s (since last vis	Sit)?	N/A
If yes, detail:								
Movement Record	s							
1. Movement record	ls available fo	or inspection?						Y
2. Date of last inspe						1	6/11/2021	
3. Are records comp		•						Y
4. Are movement re				?			_	N/A
5. Are records comp				- 1.1.0			_	N/A
6. Are health certific	ates for intro	ductions (outv	vith GB) availa	able?				N/A
Transport Records	5							
1. Are any moveme		it by (or on be	half) of the bu	usiness (not us	ing a STB)?		ſ	
If yes, is there a sys							-	
							_	
Mortality Records 1. Mortality records	ovoiloblo for i	nonoction?					F	
2. How are mortaliti		•			Other (detail)		-
If other detail:	· · · · · · · · · · · · · · · · · · ·	fall to sea be	d		Other (detail)		
3. Mortality records								N/A
4. Recent mortality	•	,	No observed	d mortality				
5. Evidence of recent increased/atypical mortalities?							N/A	
If yes, facility nos/no	o mortality per	facility/no sto	ock per facility	/reason:			-	
6. Any other peaks i	in mortality du	iring period cl	necked?					N/A
If yes, detail:		en ente l'it's sul						N17A
7. Have increased (If yes, detail action:	unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
8. Have 'mortality ev	ents' boon re		2 If no ontor	details on mor	tality events a	heet	-	N/A
o. Have mortality ev	Jointo Decirite		. ii no, enter		tunty events s	noot.		

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

Case No:	2021-0513			Date of visit:	16/11/2021]				
Site No:	SS0759	l		Inspector:		I				
Results Summary	Freq.		Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
				_						
Report Summary										
Case Type MOV	Date	Insp	2 nd Insp							
MOV	02/02/2022									





SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS
 No
 SB0530

 SITE NO
 SS0759

 CASE NO
 20210513

DATE OF VISIT 16/11/2021 SITE NAME Fearna INSPECTOR

Inspection for export

The above site was visited and a consignment of common mussel for export to Ireland was inspected. A health certificate was issued which must travel with the consignment to the destination.

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



Date: 02/02/2022

FHI 059, Version 13	ŀ	ssued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0514			Date of visit: 17/11/2021
Time spent on site: 2	2.5 hours	Main Inspe	ector:
Site No:SS0759Business No:SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Farms	s Ltd
Case Types: 1 MOV	23	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed N/A
Observations:	Region: ST	Water type: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken? UNI/REG only - if unable to carry	ed?	N If yes, see additional ir N If yes, see additional ir N	nformation/clinical score sheet. nformation/clinical score sheet. nformation/clinical score sheet.

Inspection of 22 tonnes (18 bags) of mussels for export to Lenger Seafoods Ireland Ltd. Certificate MS2021/0048 signed and left on site. Mussels looked clean and in good condition. No other shellfish observed in the bags.

FHI 059, Version 13			Issu	ied by: FHI		Da	ate of issue:	: 12/05/2020
Case No:	2021-0514]	Site No:	SS0759)			
Date of Visit:		17/11/2021]		Inspector(s):			
Registration/Autho	orisation Det	ails						
1. Business/site det		checked by s	ite representa	ative?		Ν		
2. Changes made to	o details?					N	/A	
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities		23	Facilities sto	ocked	23	No facilities in	nspected (0
Species	MED	MED						
Age group	2020	2021						
No Fish	188 tonnes	10 tonnes						
Mean Fish Wt	Juvenile	Spat						
Next Fallow Date (S		No plans		Next Input Da	_ ` `	Natural spat f		
Recent (last 4 wks)	disease prob	lems?		I	Any escapes	s (since last visi	t)?	N/A
If yes, detail:								
Movement Record	s							
1. Movement record	ls available fo	r inspection?					Г	Y
2. Date of last inspe						16	6/11/2021	
3. Are records comp		ectly entered?	>					Y
4. Are movement re	cords availab	le for dead fis	h and waste?	>			Ē	N/A
5. Are records comp	plete and corr	ectly entered?)					N/A
6. Are health certific	ates for intro	ductions (outw	/ith GB) availa	able?				N/A
							_	
Transport Records							_	
1. Are any moveme								
If yes, is there a sys	tem in place	for maintenan	ce of transpo	rtation records	?		L	
Mortality Records								
1. Mortality records	available for i	nspection?					Г	Y
2. How are mortalitie		•			Other (detail)		
If other detail:		fall to sea be	4			/		
3. Mortality records								N/A
4. Recent mortality	•		No observed	d mortality				
5. Evidence of recei	nt increased/a	atypical mortal		,				N/A
If yes, facility nos/no	o mortality per	facility/no sto	ck per facility	/reason:				
6. Any other peaks i	in mortality du	iring period ch	necked?					N/A
If yes, detail:								
7. Have increased (unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	/ents' been re	ported to FHI	? If no, enter	details on mor	tality events s	heet.		N/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
1. Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	,
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: last inspection - 17/11/2021	

Case No:	2021-0514			Date of visit:	17/11/2021]				
Site No:	SS0759	l		Inspector:		I				
Results Summary	Freq.		Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
Denert Currencer (1							
	Data	1	and .							
Report Summary Case Type MOV	Date 02/02/2022	Insp	2 nd Insp							
	02/02/2022									





SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS
 No
 SB0530

 SITE NO
 SS0759

 CASE NO
 20210514

DATE OF VISIT 17/11/2021 SITE NAME Fearna INSPECTOR

Inspection for export

The above site was visited and a consignment of common mussel for export to Ireland was inspected. A health certificate was issued which must travel with the consignment to the destination.

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



Date: 02/02/2022

FHI 059, Version 13	١	ssued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0515			Date of visit: 18/11/2021
Time spent on site:	2.5 hours	Main Inspe	ctor:
Site No:SS0759Business No:SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Farms	Ltd
Case Types: 1 MOV	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed N/A
Observations:	Region: ST	Water type: S	
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken? UNI/REG only - if unable to carry	ed?	N If yes, see additional in N If yes, see additional in N	formation/clinical score sheet. formation/clinical score sheet. formation/clinical score sheet.

Inspection of 22 tonnes (18 bags) of mussels for export to Lenger Seafoods Ireland Ltd. Certificate MS2021/0049 signed and left on site. Mussels looked clean and in good condition. No other shellfish observed in the bags.

FHI 059, Version 13			lssu	ied by: FHI		D	ate of issue	: 12/05/2020
Case No:	2021-0515]	Site No:	SS0759)			
Date of Visit:		18/11/2021]		Inspector(s):			
Registration/Autho	orisation Det	ails						
1. Business/site det		checked by s	ite representa	ative?		Ν		
2. Changes made to	o details?					Ν	I/A	
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities	_	23	Facilities sto	ocked	23	No facilities i	nspected	0
Species	MED	MED						
Age group	2020	2021						
No Fish Mean Fish Wt	166 tonnes	10 tonnes				+		
Next Fallow Date (S	Juvenile	Spat No plans		Next Input Da	ata (Sita)	Natural spat	fall	
Recent (last 4 wks)					_ ` '	s (since last vis		N/A
If yes, detail:								1 1/7 1
 Movement record Date of last inspection Are records completed. Are movement records completed. Are records completed. Are health certified. Transport Records Are any movement for the system of the system. Mortality Records 	ection: blete and corr cords availab blete and corr cates for introc nts carried ou	ectly entered le for dead fis ectly entered ductions (outv it by (or on be	th and waste? vith GB) availa half) of the bu	able? usiness (not us		1	7/11/2021	Y N/A N/A N/A
1. Mortality records	available for i	nspection?					[Y
2. How are mortalitie					Other (detail)		
If other detail:		fall to sea be						N1/A
 Mortality records Recent mortality 	•	a correctly ent	No observed	d montality				N/A
5. Evidence of recei	. ,	atypical morta		amonality				N/A
If yes, facility nos/no				/reason:			-	
		-						
6. Any other peaks i	in mortality du	iring period cl	necked?					N/A
If yes, detail:		····						KL/A
7. Have increased (If yes, detail action:	unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
8. Have 'mortality ev	/ents' been re	ported to FH	? If no enter	details on mor	tality events s	heet		N/A
e. nave monuncy of			, ormor					

Treatments and Medicines Records	
1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
1. Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: last inspection - 18/11/2021	

Case No:	2021-0515			Date of visit:	18/11/2021]			
Site No:	SS0759]		Inspector:		I			
Results Summary	Freq.	Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
Report Summary									
Case Type MOV	Date	Insp	2 nd Insp						
MOV	02/02/2022								
	1								
	1								
	i								





SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No SB0530 SITE NO SS0759 20210515 CASE NO

DATE OF VISIT 18/11/2021 SITE NAME INSPECTOR

Fearna

Inspection for export

The above site was visited and a consignment of common mussel for export to Ireland was inspected. A health certificate was issued which must travel with the consignment to the destination.

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

Signed:

Date: 02/02/2022

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-servicecharter/

FHI 059, Version 13	lssu	ed by: FHI	Date of issue: 12/05/2020
Case No: 2021-0516			Date of visit: 19/11/2021
Time spent on site:	2.5 hours	Main Inspec	tor:
Site No: SS0759 Business No: SB0530	Site Name: Business Name:	Fearna Loch Striven Mussel Farms I	_td
Case Types: 1 MOV	23	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed N/A
Observations:	Region: ST	Water type: S	CoGP MA:
Dead/weak/abnormally behavin Clinical signs of disease observ Gross pathology observed? Diagnostic samples taken? UNI/REG only - if unable to car	ved?	N If yes, see additional info N If yes, see additional info N	ormation/clinical score sheet. ormation/clinical score sheet. ormation/clinical score sheet.

Inspection of 22 tonnes (18 bags) of mussels for export to Lenger Seafoods Ireland Ltd. Certificate MS2021/0050 signed and left on site. Mussels looked clean and in good condition. No other shellfish observed in the bags.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	ie: 12/05/2020
Case No:	2021-0516]	Site No:	SS0759				
Date of Visit:		19/11/2021			Inspector(s)			1
Registration/Autho								
1. Business/site deta	•	checked by sit	e representa	ative?			N	
2. Changes made to	details?						N/A	1
Site Details (includ	e cleaner fis	h for all section	ons)					
Total No facilities		and the second se	Facilities sto	ocked	23	No facilitie	s inspected	0
Species	MED	MED					1	
Age group	2020	2021						
No Fish	144 tonnes	10 tonnes						
Mean Fish Wt	Juvenile	Spat						
Next Fallow Date (S		No plans		Next Input Da	_ ` `	Natural sp		
Recent (last 4 wks)	disease prob	ems?		N	Any escapes	s (since last	visit)?	N/A
If yes, detail:								
Movement Records 1. Movement record 2. Date of last inspe 3. Are records comp 4. Are movement re 5. Are records comp 6. Are health certific Transport Records 1. Are any movement If yes, is there a systement	s available fo ction: blete and corr cords availab blete and corr ates for introc nts carried ou	ectly entered? le for dead fish ectly entered? ductions (outwin t by (or on beh	th GB) availa alf) of the bu	able? usiness (not us			18/11/2021	Y N/A N/A N/A
Mortality Records								
 Mortality records How are mortalitie 		•			Other (detail	1		Ý
If other detail:	· ·				Other (detail)		
3. Mortality records		fall to sea bed	red?					N/A
4. Recent mortality (•	-	No observed	1 mortality				
5. Evidence of recer								N/A
If yes, facility nos/no				/reason:				
		-						
6. Any other peaks i	n mortality du	iring period che	ecked?					N/A
If yes, detail:								
7. Have increased (unexplained)	mortalities bee	n reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI?	If no, enter	details on mort	tality events s	heet.		N/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
1. Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	
health status, certification if required)?	
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site? If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	
Records checked between: last inspection - 19/11/2021	

Case No:	2021-0516			Date of visit:	19/11/2021]		
Site No:	SS0759	l		Inspector:		I		
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
	Date	Insp	2 nd Insp					
Case Type MOV	02/02/2022	msp	z msp					
	0_,0_,0_							





SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS
 No
 SB0530

 SITE NO
 SS0759

 CASE NO
 20210516

DATE OF VISIT 19/11/2021 SITE NAME Fearna INSPECTOR

Inspection for export

The above site was visited and a consignment of common mussel for export to Ireland was inspected. A health certificate was issued which must travel with the consignment to the destination.

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



Date: 02/02/2022

FHI 059, Version 13	ls	sued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0549			Date of visit: 09/11/2021
Time spent on site:	hr	Main Inspecto	r:
Site No: FS1333 Business No: FB0169	Site Name: Business Name:	Applecross Incubation Unit The Scottish Salmon Company	ý
Case Types: 1 REG	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: F	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional infor	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail r	reason below:	

Additional Case Information:

Site inspected in order to gather information for the authorisation of a new watersource and a full records check was not completed. Only registration and authorisation, stocking details and movement records were checked.

Inspection completed by and, accompanied by

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020				
Case No: 2021-0549	Site No:	FS1333				
Date of Visit: 09	/11/2021	Inspector(s):				
Registration/Authorisation Details 1. Business/site details summary checked by site 2. Changes made to details?	representative?					
Site Details (include cleaner fish for all section	ns)					
Total No facilities 10 units	Facilities stocked	9 units				
Species SAL						
Age group 2022 Q3						
No Fish 1.8million Mean Fish Wt 0.1g						
5.1g	Next	Innut Data (Sita)				
Next Fallow Date (Site) Jan 2022 Recent (last 4 wks) disease problems?	INEXL	Input Date (Site) N Any escapes (since				
If yes, detail:		Any escapes (since				
 Movement Records Movement records available for inspection? Date of last inspection: Are records complete and correctly entered? Are movement records available for dead fish and waste? Are records complete and correctly entered? Are health certificates for introductions (outwith GB) available? Transport Records 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 Mortality records available for inspection? How are mortalities disposed of? 						
If other detail:						
3. Mortality records complete and correctly entered						
4. Recent mortality (last 4 wks):	Mortality records not che	cked				
5. Evidence of recent increased/atypical mortalitie						
If yes, facility nos/no mortality per facility/no stock	per racility/reason:					
6. Any other peaks in mortality during period check If yes, detail:	ked?					

7. Have increased (unexplained) mortalities been reported to vet or FHI?

If yes, detail action:

It 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?
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 <i>increase</i> 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 do 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 s
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transm (movement of staff, visitors, equipment, live or dead fish etc.)?
 Is documentation available regarding the measures in place to maintain the physical containment of aquaculture ar 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:

Dec20 - Nov 21 - movements only

	V	•
	Y Y	
No facilities increas	tod	9
No facilities inspec		5
Feb 2022		
e last visit)?		N
	00/40/0000	Y
	08/12/2020	Y
		Y Y
		Y Y
		Ť
s Chemicals		Y
is chemicals		
		Y
		N/A
		N/A
		N/A
		N/A
		N/A

ed (unexplained) mortality at the site	
etected been included and how and	
status, certification if required)?	
nission of disease been covered	
nimals held on site?	

FHI 059, Version 13

Case No:	2021-0549	Date of visit: 09/11/2021						
Site No:	FS1333	Inspector:						
Results Summary	Freq.			Dat	te of Notificat	ion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp

Date	Insp	2 nd Insp
27/01/2022		
		Date Insp 27/01/2022





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS
 No
 FB0169

 SITE NO
 FS1333

 CASE NO
 20210549

DATE OF VIS SITE NAME INSPECTOR

DATE OF VISIT SITE NAME 09/11/2021 Applecross Incubation Unit

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

Records

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

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

Signed:

Fish Health Inspector

Date: 27/01/2022

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

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2021-0564			Date of visit: 30/11/2021
Time spent on site:	1 hour	Main Inspecto	or:
Site No: FS0265 Business No: FB0061	Site Name: Business Name:	Inverkerry Smolt Unit Landcatch Natural Selection L	td
Case Types: 1 MOV	23	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: HI	Water type: F	CoGP MA
Dead/weak/abnormally behavir Clinical signs of disease obser Gross pathology observed? Diagnostic samples taken?		N If yes, see additional infor	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG only - if unable to car	ry out intended visit detail	l reason below:	

Additional Case Information:

Physical Inspection conducted by and, shadowed by and. No clinical signs of disease observed on site. Export certificate signed by and 5,500 SAL at 20g exported to Aquatech Group, Malta by Migdale Transport.

FHI 059, Version 13	r.		Issu	ued by: FHI			Date of issu	ie: 12/05/2020
Case No:	2021-0564		Site No:	FS0265	<u> </u>			
Date of Visit:		30/11/2021			Inspector(s):			
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite represent	ative?			Y N	1
Site Details (includ		sh for all secti	ions)					
Total No facilities		117	Facilities sto	ocked	117	No faciliti	ies inspected	25
Species	SAL							
Age group	2022 S1							
No Fish	650,000							
Mean Fish Wt	62g	Nenlana		Next Innut Dr				
Next Fallow Date (Si Recent (last 4 wks) of	· · · · · · · · · · · · · · · · · · ·	No plans		Next Input Da	ate (Site) Any escapes	Unknown (since last		N
If yes, detail:	disease prob	lems?		"	Any escapes	(SINCE Iast	VISIt)?	N
 Date of last inspect Are records comption Are movement records comption Are records comption Are health certification Are any movement If yes, is there a system Montality Records 	plete and corr ecords availab plete and corr cates for introc s ents carried ou	ble for dead fish rectly entered? oductions (outwi ut by (or on beh	h and waste? /ith GB) availa half) of the bu	lable? ousiness (not usi			25/04/2021	Y Y Y N/A
Mortality Records 1. Mortality records a	available for	inspection?						Y
2. How are mortalitie		•			Ensiled - on s	site		
If other detail:		ste taken to Hig	hland Waste	e by Hazco.				
3. Mortality records of	complete and	d correctly ente	ered?					Y
4. Recent mortality (· · ·).31%), Week 46	/6 (0.41%), W€	eek 45 (0.5	6%), Week 44	
5. Evidence of recen		••						N
If yes, facility nos/no	mortality per	r facility/no stor	ck per facility	/reason:				
	tality of		12					N
 Any other peaks in If yes, detail: 	n mortality of	uring period che	ecked?					N
7. Have increased (u	(in a vin lained)	martalities be	an reported t	to vot or EHI2				N/A
If yes, detail action:	• • •	mortanties bee	sh reported to	o ver or r m:				1.07.
8. Have 'mortality ev		eported to FHI	? If no. enter	details on mor	tality events sl	neet.		N/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
 Biosecurity Records 1. Biosecurity records available for inspection? 2. Has the manner and frequency of mortality removal, recording and safe disposal been considered? 3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> mortality at the site been included? 4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers? 5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)? 	
 6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)? 7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site? 8. Have the biosecurity procedures been adequately implemented on site? If no, detail: 	
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).	N
Records checked between: 25/04/2021 - 30/11/2021	

FHI 059, Version 13

Case No:	2021-0564			Date of visit:	30/11/2021			
Site No:	FS0265	1		Inspector:		I I		
Results Summary	Freq.			Da	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	1							

Report Summary		1	
Case Type	Date	Insp	2 nd Insp
MOV	27/01/2022		
	_		
	_		
	_		





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No FB0061 SITE NO FS0265 CASE NO 20210564 DATE OF VISIT 30/11/2021 SITE NAME INSPECTOR

Inverkerry Smolt Unit

Inspection for export

The above site was visited and a consignment of Atlantic salmon for export to Malta was inspected. A health certificate was issued which must travel with the consignment to the destination.

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



Date: 27/01/2022

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-servicecharter/