FHI 059, Version 13	lssu	ed by: FHI		Date of it	ssue: 12/05/2020
Case No: 2022-0478			[Date of visit:	15/11/2022
Time spent on site: 5	1	Ма	in Inspector:		
Site No: FS0252 Business No: FB0119	Site Name: Business Name:	Cairidh Mowi Scotland Ltd			
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD 5		6	
Water Temp (°C): 12.5	Thermometer No:	T173	F	HI 045 comple	ted
Observations:	Region: HI	Water type:	S	CoGP MA:	M-28
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	n If yes, see addi n If yes, see addi n If yes, see addi n	tional informa	ation/clinical sco	ore sheet.
UNI/REG only - if unable to carry	out intended visit detail rea	son below:			

Additional Case Information:

2021 Sal mortalities wk 16 5197 (1.36%) CMS, wk 14 7160 (1.34%) CMS, wk 13 6911 (1.27%) CMS , wk 09 5094 hydrolicer and 2454 CMS (1.30%)

2020 Sal mortalities wk 52 2500 fw treatment, 4840 hydrolicer (1.36%)

2022 lumpfish mortalities wk 44 2498 (2.49%) mainly without diagnosis.

2021 lumpfish mortalities wk 05 2057 (2.33%) handling, wk 04 3830 (4.14%) handling and treatment.

2020 lumpfish mortalities wk 52 4526 (4.54%) handling , wk 51 2365 (2.32%) handling, wk 42 2179 (5.80%) handling, wk 31 1322 (5.13%) post transfer, wk 30 1069 (3.99%) post transfer

2021 wrasse mortalities, wk 01 295 (4.52%) handling

2020 wrasse mortalities, wk 42 3614 (30.82%) atypical frunc and handling, wk 41 1952 (14.27%) atypical frunc and handling

5 x 160m circles now on site. All fish input from the Scalpay site.

FHI 059, Version 13			lssu	ed by: FHI			Date of issue	e: 12/05/2020	
Case No:	2022-0478		Site No:	FS0252]				
Date of Visit:		15/11/2022	2		Inspector(s):			l	
Registration/Autho							-		
1. Business/site deta	•	checked by s	ite representa	ative?			Y		
2. Changes made to	o details?						Y		
Site Details (includ	le cleaner fis	sh for all sect	ions)						
Total No facilities		5	Facilities sto	cked	5	No facilitie	s inspected	5	
Species	SAL	lum							
Age group	2022 q1	2022							
No Fish	456,136	81,308							
Mean Fish Wt	2.1kg	n/a							
Next Fallow Date (S	,	Nov 2023		Next Input Da	_ ` `	Jan 2024			
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	(since last	visit)?	N	
If yes, detail:									
Movement Records 1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? If yes, is there a system in place for maintenance of transportation records?									
Mortality Records 1. Mortality records	available for	inspection?						Y	
2. How are mortalitie		•			Biogas - Ene	ergen, Cumb	ernauld		
If other detail:		-				<u> </u>			
3. Mortality records	complete and	d correctly ent	ered?					Y	
4. Recent mortality (•		The second se	ed as fish only	just been inp	ut (sw to sw	transfer)		
5. Evidence of recer		atypical morta				,	,	N/A	
If yes, facility nos/no	mortality pe	r facility/no sto	ock per facility	/reason:					
6. Any other peaks i	n mortality du	uring period ch	necked?					Y	
If yes, detail:	see addition	al comments							
7. Have increased (unexplained)	mortalities be	en reported to	o vet or FHI?				N/A	
If yes, detail action:									
8. Have 'mortality ev	vents' been re	eported to FHI	? If no, enter	details on mort	ality events sl	neet.		Y	

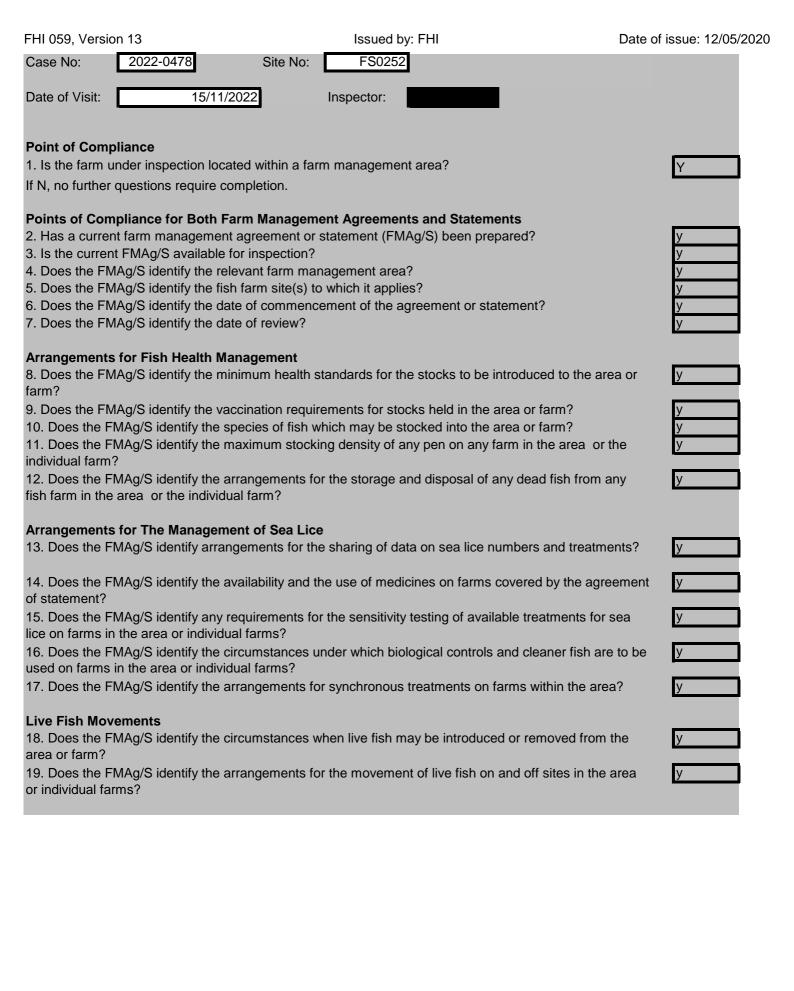
Treatments and Me	dicines Record	ds			
1. Recent treatments	(see comment)?			Y
If yes, detail:	T	MS			
If other, detail:					
2. Medicines records		•			Y
3. Are records compl		ly entered?			Y
4. Are fish in a withdr	•				Y
5. If yes, what treatm	ent(s)?		TMS		
If other, detail:					
6. Are medicines sto	red appropriate	ly?			Y
Biosecurity Record	S				
1. Biosecurity records	s available for i	nspection?			У
2. Has the manner a	nd frequency of	mortality removal, record	ding and safe c	disposal been considered?	У
3. Has the manner a	nd period in wh	ch the APB will notify Sc	ottish Ministers	or veterinary professional of any	
		t the site been included?			Y
4. Has the action tha	t will be taken in	the event that the prese	ence or suspicio	on of the presence of a listed disease	
is detected been incl	uded and how	and when that will be not	tified to Scottis	h Ministers?	Y
		-	d on the farm s	site been covered (equal or higher	Y
health status, certific	ation if required)?			
	•			ch epidemiological unit to minimise	Y
				ent, live or dead fish etc.)?	
	•	ling the measures in plac	e to maintain ti	he physical containment of	T T
aquaculture animals					
-	ity procedures i	peen adequately impleme	ented on site?		· ·
lf no, detail:					
Results of Surveilla					
1. Has any animal he	alth surveilland	e been carried out by, or	on behalf of, th	he business?	Y
2. If yes, are results a		pection?			Y
3. Any significant res	ults?				N
If yes, detail (if not de	etailed under re	cent disease problems).			
R	ecords checke	d between:	24/9/2019 to 1	5/11/2022	

F۲	II 059, Version 13							lss	ued by: F	FΗI			
	Case no:	2022-04	178	Site No:		FS0252			Date of v		15/1	11/2022	15/ ⁻
	Priority samples:	VI		BA		PA		MG	Samplin	g: HI			
	Time sampling starts/ends:		0:00		0:00		Inspecto	or:			VMD No	o. [20
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		BA		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
_	Pool/Fish No												
	Fish nos	1	2	3	4								_
	Pool Group												
	Species	SAL	SAL	SAL	SAL								
	Average weight Sex	2.2kg N/A	2.2kg N/A	2.2kg N/A	2.2kg N/A								
		IN/A SW	SW	IN/A SW	SW								
	Water Type	300	300	300	300								
S													
Details		ay	ay	ay	ay								
		Scalpay	Scalpay	alpi	Scalpay								
Stock	Stock Origin	S S S	S S	Scalpay	S S C								
Stc	Facility No	13	14	16	17								

11/2022	/2022 Additional Sample Information:												
	-												
0		Total Te	ests ass	igned	0								
	1												

FHI 059, Version 13		Issued by: FHI			Date		. 12/05/2020
Case Number:	2022-0478		Site No:	FS0252		Insp:	
Date of Visit	15/11/2022		No of mo	ovements/s	supp./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		14	0
Movements off	Frequency of n	novements off	0	3	6	10	10
	Number of des		0	3		10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or	ed (secure water supply through	0				
susceptible to same diseases)	Farm is on-line	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		2
	Farm is on-line	or in a coastal zone with category III	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				
	equivalent state		4				
	- C	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-		te only processed.	0				
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				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		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0	[
between sites, use of footbaths etc	No		1				1
CoGP/Regulator							· · ·
Practices in accordance	Yes		0				
with regulator or industry code of practice	No		3				3
Platform access to cages	Yes		0				0
	No		2				
					Total Rank		24 MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0478	Site No:	FS0252
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 y	/ear class basis? Y
Ŭ	enced in-feed and bath sea lice medications (in well as access to suitable biological and/or med d of time?	
4. Is there a signed documented farm manag 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 ins6. Do records adequately reflect the required	pection? (Legal SSI, CoGP Annex 6) standard specified in the SSI and the CoGP? (L	Legal SSI, CoGP Annex 6)
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	oGP during the period that N
8. Have average adult female sea lice (<i>L. sali</i> 2 or above (from w/b 10/6/19) during the perio	<i>monis</i>) numbers per fish been at a level of 3 or a od that records are inspected?	above (prior to w/b 10/6/19) or Y
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 probl	ems? (CoGP 4.3.81, 5.3.50) N
	stered or other actions taken when <i>L. salmonis</i> elongatus is considered to have welfare implicat	
 Are treatments, where conducted, carried Is there a harvesting strategy for the site, 	applicable)? 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 i	ement 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
Containment Inspection	ge due to predators in the current or previous pr	roduction cycles?
	he predation experienced on site? (Detail below	
Top Nets Froya rings	HDPE 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
-	orthwith (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 esc	apees? If yes give detail	
8. If gill nets were deployed was this action ag Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	greed with local wild fish interests and was perm	nission given by Scottish
9. What action was taken to prevent and mini	mise the risk of further escapes? (Not covered i	in code but could
be considered under satisfactory measure 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
Harvesting 20. Does the FMAg/S identify accepta	able harvest practices on farms in the area or individ	dual farms? y
0	es by which the area or individual farm will be fallow	v and the earliest y
date when a farm or area may be rest 22. Does the FMAg/S identify whethe agreement or statement?	tocked? r one or more year classes may be stocked onto site	tes covered by the y
23. Does the FMAg/S identify whethe covered by the agreement or stateme	er broodstock or potential broodstock are to be kept ent?	on any site y
Point of Compliance for Farm Mana 24. Does the farm management agree parties to the agreement?	agement Agreements Only ement include arrangements for persons to become	e, or cease to be, N/A
Management and operation 25. Is the fish farm being managed ar 26. What is the version no/date of iss	nd operated in accordance with the agreement or st sue of the FMAg/S? 15/02/2022	tatement? y

Case No:	2022-0478]		Date of visit:	15/11/2022	2					
Site No:	FS0252]		Inspector:		I					
Results Summary	Freq.		Date of Notification								
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
					-		-				
					-						
					-						
					-						
					-						
	ļ										

Report Summary			
	Date	Insp	2 nd Insp
ECI,CNI,SLI,VMD	05/12/2022		

marine scotland science



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS No
 FB0119

 SITE NO
 FS0252

 CASE NO
 20220478

DATE OF VISIT15/11/2022SITE NAMECairidhINSPECTORInspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

Signed:

Fish Health Inspector

Date: 05/12/2022

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

FHI 059, Version 13	lssu	ed by: FHI	Date of issue: 12/05/2020
Case No: 2022-0483			Date of visit: 16/11/2022
Time spent on site: 5	h	Main Insp	pector:
Site No:FS1343Business No:FB0579	Site Name: Business Name:	Culnacnoc Salmon Farm Organic Sea Harvest Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	4 DIA 5	6
Water Temp (°C): 12.5	Thermometer No:	T173	FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	y If yes, see additional	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail rea	son below:	

Micro jellyfish bloom during September, confirmed as Muggiaea atlantica. No morts directly attributed but some damage to gills likely.

AGD reported to be an issue with P4 being worst affected. A number of lethargic fish were observed in P4 and five were removed for diagnostic sampling. Site is below the mortality reporting threshold however it is likely that levels will be above the threshold by the end of the week.

All dead haul movements offsite.

FHI 059, Version 13			Issue	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2022-0483]	Site No:	FS1343				
Date of Visit:		16/11/2022]		Inspector(s):			l
Registration/Autho								
1. Business/site deta	•	checked by s	ite representa	tive?			у	
2. Changes made to	details?						У	l
Site Details (include	e cleaner fis	h for all sect	ions)					
Total No facilities		8	Facilities stor	cked	4	No facilitie	s inspected	8
Species	SAL	LUM						
Age group	2022 Q4	2022						
No Fish	583,874	30,000						
Mean Fish Wt	229g	N/A						
Next Fallow Date (Si	te)	Feb 2024		Next Input Da	_ ` '	March 202		
Recent (last 4 wks) of	disease prob	lems?		Y	Any escapes	s (since last	visit)?	N
If yes, detail:	Chronic AG	D confirmed b	y gill swabs					
Movement Records								
1. Movement records		or inspection?						Ý
2. Date of last inspec							04/11/2020	X
3. Are records comp		•						ř
4. Are movement rec								ř
5. Are records comp				blo?				N/A
6. Are health certification			illi GD) avalla	DIE				
Transport Records								
1. Are any movemen	nts carried ou	it by (or on bel	half) of the bu	siness (not us	ing a STB)?			Y
If yes, is there a syst								Y
	•							
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalitie	s disposed o	of?			Ensiled - on	site		
If other detail:								
3. Mortality records of	complete and	correctly ente						Y
				last four week	s (AGD) Pen f	four most af	fected. No iss	ues with
4. Recent mortality (I			lumpfish note	ed.				
5. Evidence of recen		••		,				Ý
If yes, facility nos/no	mortality per	facility/no sto	ck per facility/	reason:				
As above AGD								N
6. Any other peaks in	n mortality du	iring period ch	ecked?					N
If yes, detail:	(novploined)	mortalitica ha	on reported to	Not or EUIO				N/A
7. Have increased (u	inexplained)	Inortalities be	en reported to	vel of FHI?				IN/A
If yes, detail action: 8. Have 'mortality evo	onte' boon re		2 If no ontor a	lotaile on mor	ality overte a	poot		N/A
o. have monality ev	ents been fe		: in no, enter (any events si	ieet.		IN/A

Treatments and Me	dicines Records		
1. Recent treatments	· · /		Y
If yes, detail:	TMS		
If other, detail:			
	s available for inspection?		Y
•	lete and correctly entered?		Y
4. Are fish in a withdr	•		Y
5. If yes, what treatm	lent(s)?	TMS	
If other, detail:			
6. Are medicines stor	red appropriately?		Y
Biosecurity Record			
•	s available for inspection?		Y
		emoval, recording and safe disposal been considered?	Y
	nd period in which the APB ned) mortality at the site be	B will notify Scottish Ministers or veterinary professional of any een included?	Y
		that the presence or suspicion of the presence of a listed disease	
		that will be notified to Scottish Ministers?	Y
5. Has the health star	tus of aquaculture animals	being stocked on the farm site been covered (equal or higher	Y
health status, certifica	ation if required)?		
	•	es implemented between each epidemiological unit to minimise	Y
		ent of staff, visitors, equipment, live or dead fish etc.)?	V
7. Is documentation a aquaculture animals	u	asures in place to maintain the physical containment of	1
	rity procedures been adequa	ately implemented on site?	Y
If no, detail:			
Results of Surveilla	ince		
		ried out by, or on behalf of, the business?	Y
•	available for inspection?		Y
3. Any significant res	•		Y
, ,	etailed under recent disease	e problems). AGD	
R	Records checked between:	4/11/2020 to 16/11/2022	

FHI 059, Version 13				Issued by: FHI		
Case no:	2022-0483	Site No:	FS1343	Date of visit/ Sampling:	/ 16/11/202	22 16/ [.]
Priority samples:	VI	BA	PA	MG	н	
Time sampling starts/ends:	13:00:00	14:00:00	Inspector:		VMD No.	0
Environmental conditions:	1 Indoors	2	3	4	5	
Summary samples	HIST Y	BA Y	MG Y	VI	PA Total	Samples

Add Fish/Pools - click

	Pool/Fish No	F1	F2	F3	F4	F5				
	Fish nos	1	2	3	4	5				
	Pool Group	P1	P1	P1	P1	P1				
	Species	SAL	SAL	SAL	SAL	SAL				
	Average weight	220g	220g	220g	220g	220g				
	Sex	N/A	N/A	N/A	N/A	N/A				
	Water Type	SW	SW	SW	SW	SW				
tock Details	Stock Origin Facility No	Clachbreac	4 Clachbreac	 Clachbreac 	Clachbreac	4 Clachbreac				
S		4	4	4	4	4				

11/2022	1/2022 Additional Sample Information:												
		T . () T			0								
5		Total Te	ests ass	ligned	3								

FHI 059, Versic	HI 059, Version 13		Issued by: FHI					Date of issue: 12/05/2			
Case no:	2022-0483 Site No: FS ²		FS134	Method of killing: Percussive				sive			
Date of visit:	16/11/20	22	22 Inspector(s):					Sheet Relevant: Y			
S for strong preser	nce: M for medium presence: W f	or weak pres	anca								
Fish Number		1 1		3	4	5					
	er death (if > 45 minutes)										
External Signs	· ·										
Behaviour	Moribund										
	Lethargic	S	S	S	S	S					
	Hanging vertical				_						
	Spiralling	_		_	_						
	Flashing Loss of equilibrium	_									
Body	Dark										
Dody	Distended abdomen										
	Anorexic										
	Scale Oedema										
Opercula	Shortened										
	Flared										
Haemorrhaging	Throat										
	Ventrum										
	Base of fins Elsewhere										
Eyes	Exophthalmic										
_,	Enophthalmic (sunken)										
	Cataract										
	Haemorrhagic										
Gills	Pale	m	m	m	m	m					
	Zoned										
	Necrotic	m	m	m	m	m					
Lesions	Flank	_									
Vont	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	_									
Dulania	Lesions										
Pyloric caeca	Petechial haem Tubules mauve										
	Lack of fat	-									
Spleen	Enlarged										
	Granulomas										
Gut	No food present										
	Yellow pseudo-faeces										
	External haem										
	Internal haem										
Body wall Swim bladder	Haemorrhaging										
Swim bladder	Haemorrhaging Fluid filled										
Kidney	Swollen										
	Grey										
	Granular										
	Liquefied										
General	Parasites present										
	Anaemia										

Case no:	2022-0483

Г

Date of visit:

16/11/2022

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

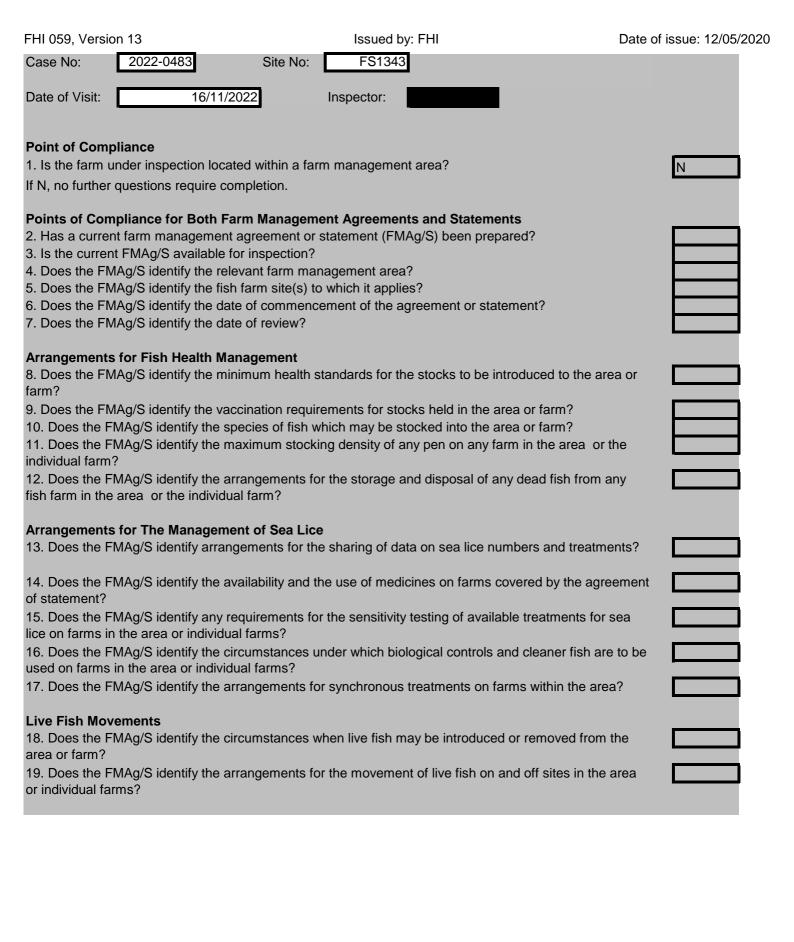
	ce: M for medium presence: W for v	٨					
Fish Number							
	er death (if > 45 minutes)						
External Signs							
Behaviour	Moribund						
	Lethargic						
	Hanging vertical						
	Spiralling						
	Flashing						
	Loss of equilibrium						
Body	Dark						
	Distended abdomen						
	Anorexic						
	Scale Oedema						
Opercula	Shortened						
	Flared						
Haemorrhaging	Throat						
	Ventrum						
	Base of fins						
Even	Elsewhere Exception						
Eyes	Exophthalmic						
	Enophthalmic (sunken)						
	Cataract Haemorrhagic						
Gills	Pale						
01113	Zoned						
	Necrotic						
Lesions	Flank						
Lesions	Elsewhere						
Vent	Inflamed						
Vent	Trailing faeces						
Lice Load	Estimate numbers						
Internal Signs							
Ascites	Clear						
	Bloody						
Oedema	In tissues						
Heart	Pale/anaemic						
	Granulomas						
	Deformed						
Liver	Petechial haem						
	Gross haem						
	Tissue breakdown						
	Enlarged						
	Colour number(s)						
	Granulomas						
	Lesions						
Pyloric caeca	Petechial haem						
	Tubules mauve						
	Lack of fat						
Spleen	Enlarged						
	Granulomas						
Gut	No food present						
	Yellow pseudo-faeces						
	External haem						
-	Internal haem						
Body wall	Haemorrhaging						
Swim bladder	Haemorrhaging						
	I Fluid filled						
	Fluid filled						
Kidney	Swollen						
Kidney	Swollen Grey						
Kidney	Swollen Grey Granular						
	Swollen Grey Granular Liquefied						
Kidney General	Swollen Grey Granular						

Additional comments:

Gills showed signs of AGD, difficult to assess due to lighting conditions. Adhesions were apparent in all fish examined. No gross pathology observed. Artifacts likely in histo gill samples due to percussive stunning.

FHI 059, Version 13		Issued by: FHI			Date C	or issue	: 12/05/2020
Case Number:	2022-0483		Site No:	FS1343		Insp:	
Date of Visit	16/11/2022		No of mo	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or nucleon network of the country	0	9	18	26	0
	Number of sup		0	5	10	14	0
Movements off	Frequency of m	novements off	0	3	6	10	0
	Number of des		0	3	6	10	0
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or l	ed (secure water supply through porehole)	0				
susceptible to same diseases)		or in a coastal zone with category I 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 processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				
	Processing own	n fish (re-cycling risk)	1				0
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0				0
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0				0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of 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		
Disinfection of equipment	Yes		0				
between sites, use of footbaths etc	No		1				1
CoGP/Regulator							
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total		7
					Rank		LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0483	Site No:	FS1343
Sea Lice Inspection (Seawater Sites Only)	
1. Has the site experienced sea lice problem	ns in the previous 4 years?	Ν
2. Is the CoGP Farm Management Area (or	equivalent) fallowed synchronously on a single y	rear class basis? Y
· · · · ·	icenced in-feed and bath sea lice medications (in s well as access to suitable biological and/or mec od of time?	
4. Is there a signed documented farm mana Management Area (or equivalent)?	gement agreement or statement relevant to the s	ite and CoGP Farm Y
5. Are sea lice count records available for in6. Do records adequately reflect the require	spection? (Legal SSI, CoGP Annex 6) d standard specified in the SSI and the CoGP? (L	egal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels b records are inspected? (CoGP Annex 6)	elow the suggested criteria for treatment in the Co	oGP during the period that N
8. Have average adult female sea lice (<i>L. sa</i> 2 or above (from w/b 10/6/19) during the period	almonis) numbers per fish been at a level of 3 or a riod that records are inspected?	above (prior to w/b 10/6/19) or N
-	Health Inspectorate? If no, FHI see comment. h is considered to cause significant welfare problem.	ems? (CoGP 4.3.81, 5.3.50) N
	nistered or other actions taken when <i>L. salmonis</i> elongatus is considered to have welfare implicat	
11. Has any other action been taken (where		N/A
	ons taken had a significant impact upon the lice le	
	ed out in cooperation between participating farms?	
14. Is there a harvesting strategy for the site sea lice?	e, where fewer populations or part populations are	e held without treatment for Y
15. Is there a site specific written lice manages scenarios during the escalation of a sea lice	gement procedure with waypoints describing set a infestation?	actions to deal with recognised Y
16. Do the sea lice levels observed on stock	s reflect sea lice count data? If no please detail r	easons. Y
Containment Inspection		
•	age due to predators in the current or previous pr	oduction cycles? N
	t the predation experienced on site? (Detail below	
Top nets tensioned nets		
If other, detail below:		
3. Have escape incidents or events been es	xperienced on or in the vicinity of the site since th	e last FHI inspection? N
If Yes proceed with questions 4 – 9. If No sk		
4. Have these been reported to Scottish Min	nisters?	
5. Have these been reported to local DSFB	forthwith (where they exist)? (CoGP - 4.4.37, 5.4	1.17)
6. Have these been reported to the SSPO a	nd local fisheries trusts forthwith (where they exis	t)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover es	scapees? If yes give detail	
	agreed with local wild fish interests and was perm	ission given by Scottish
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)		
	nimise the risk of further escapes? (Not covered i	n code but could
be considered under satisfactory meas		
10. Is the site inspected as satisfactory with	regards to containment? If no, please detail reas	on(s) Y



FHI 059, Version 13 Issued by: FHI	Date of issue: 12/05/2
Harvesting 20. Does the FMAg/S identify acceptable harvest practices on farms in the area or individual farms	\$?
Fallowing	
21. Does the FMAg/S identify the dates by which the area or individual farm will be fallow and the e date when a farm or area may be restocked?	earliest
22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covere agreement or statement?	d by the
23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?	e
Point of Compliance for Farm Management Agreements Only 24. Does the farm management agreement include arrangements for persons to become, or cease parties to the agreement?	e to be,
Management and operation	
25. Is the fish farm being managed and operated in accordance with the agreement or statement?26. What is the version no/date of issue of the FMAg/S?	

2 Date of issue: 12/05/2020

Case No:	2022-0483			Date of visit:	16/11/2022			
Site No:	FS1343]		Inspector:		I		
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
AGD	5/5	23/11/2022		23/11/2022		09/12/2022		
IHN	0/5	23/11/2022		23/11/2022		09/12/2022		
IPN	4/5	23/11/2022		23/11/2022		09/12/2022		
ISA	0/5	23/11/2022		23/11/2022		09/12/2022		
Paranucleospora	5/5	23/11/2022		23/11/2022				
theridion						09/12/2022		
Salmon gill poxvirus	5/5	23/11/2022		23/11/2022		09/12/2022		
SAV	0/5	23/11/2022		23/11/2022		09/12/2022		
VHS	0/5	23/11/2022		23/11/2022		09/12/2022		
CMS	0/5	23/11/2022		23/11/2022		09/12/2022		
AGD histo	5/5	05/12/2022		05/12/2022		09/12/2022		
GPAT	5/5	05/12/2022		05/12/2022		09/12/2022		
Epitheliocystis	5/5	05/12/2022		05/12/2022		09/12/2022		
Adhesions/peritonitis	1/5	05/12/2022		05/12/2022		09/12/2022		
Vibrio species (culture)	3/5	05/12/2022		05/12/2022		00/40/0000		
						09/12/2022		
Report Summary		-		1				
Case Type	Date	Insp	2 nd Insp	1				
ECI,CNI,SLI,VMD	05/12/2022		z insp					
DIA	09/12/2022							
DIA	00/12/2022							
	 							
	1							
	1							
	1							
	1							
	1							
	1							
	1							





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0579 SITE NO FS1343 CASE NO 20220483 **DATE OF VISIT** 16/11/2022 SITE NAME INSPECTOR

Culnacnoc Salmon Farm

Section 1: Summary

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

Histopathology examination revealed marked hyperplasic branchitis. Epitheliocystis (likely Ca. Branchiomonas cysticola) and marked amoebic gill disease (AGD) were also observed. Moderate peritonitis (potentially associated with vaccine administration) was also observed.

Samples tested positive for gill related pathogens: Paranucleospora theridion (5/5), salmon gill poxvirus (SGPV) (5/5) and Neoparamoeba perurans (AGD) (5/5).

In addition, samples tested positive for Infectious pancreatic necrosis virus (IPNV) (4/5), this is not supported by the histology observations and is likely to have been isolated from the recent vaccination for IPN.

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

It was during a routine site inspection that the manger reported that there was a recent increase in mortality levels in pen four suspected to be due to AGD. On inspection a high number of lethargic fish were observed, five were removed for further examination and subsequent diagnostic sampling.

All five fish were lethargic and high in the water column. Externally all fish had pale, slightly necrotic gills with visible signs of AGD. Internally, adhesions were noted in all fish but no other gross pathology was noted.

Samples

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

Fish number	Facility number	Species	Stage	Origin	
F1-F5	4	Atlantic salmon	2022 Q4	Clachbreac (FS0892)	

R09

Results

Bacteriology: Kidney and gill material from F1-F5 were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated:

- *Vibrio* sp. (Isolate A) found in fish: F1, F4 and F5 (kidney);
- Vibrio sp. (Isolate B) found in fish: F1, F4 and F5 (kidney); •
- Vibrio sp. (Isolate C) found in fish: F1 and F4 (Kidney). •

The level and purity of growth of the three isolates of Vibrio sp. identified, would not suggest these bacteria would be implicated in morbidity.

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

Salmon gill	poxvirus (SGP	′V)			
Fish Number	Endogenous control Cp value		Cp Values		Reported Result (PCR)
F1	21.46	25.77	25.93	26.07	POSITIVE
F2	20.93	25.76	26.28	26.14	POSITIVE
F3	21.53	28.81	29.04	28.98	POSITIVE
F4	20.36	25.61	25.71	25.56	POSITIVE
F5	20.32	24.80	25.01	24.75	POSITIVE

Infectious pancreatic necrosis virus (IPNV)

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	18.75	35.84	35.57	35.53	POSITIVE
F2	19.29	35.65	35.80	35.66	POSITIVE
F3	17.22	36.03	35.67	35.59	POSITIVE
F4	17.24	35.53	35.33	35.66	POSITIVE
F5	-	-	-	-	NEGATIVE

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

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

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	21.46	24.81	24.71	24.93	POSITIVE
F2	20.93	24.60	25.13	25.22	POSITIVE
F3	21.53	25.30	25.49	25.09	POSITIVE

Neoparamoeba perurans (AGD)

R09

F4	20.36	25.49	25.54	24.97	POSITIVE
F5	20.32	25.60	25.80	25.61	POSITIVE

Fish Number	Endogenous control Cp value		Reported Result (PCR)		
F1	21.46	31.42	31.55	31.64	POSITIVE
F2	20.93	31.29	31.19	30.99	POSITIVE
F3	21.53	30.95	31.22	31.11	POSITIVE
F4	20.36	29.99	30.18	30.17	POSITIVE
F 5	20.32	28.22	28.32	28.50	POSITIVE

Paranucleospora theridion

Histology: Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from F1-F5. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination by light microscopy revealed the following:

<u>Gill:</u> Filament hyperplasia and lamellar fusion marked, multifocal, filament branchitis, mild, multifocal (F1-F5). Presence of several amoeboid cells resembling Neoparamoeba perurans observed in all fish and few basophilic epithelial inclusions (likely epitheliocystis) (F1-F5). Lamellar telangiectasia with multifocal thrombosis and free blood among gill filaments (F1-F5). Bacteria observed associated with cell debris among gill filaments.

<u>Skin & Muscle:</u> Absence of epidermis (potentially associated with processing artefacts) (F4). <u>Heart:</u> Mild epicarditis (F1).

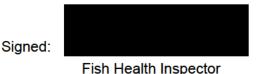
Gut and pyloric caeca: Peritonitis, mild to moderate, multifocal (F4).

Pancreas: Some peritonitis (F3).

Liver: Some cuffing (F3, F5).

<u>Kidney:</u> Slight increase of melanomacrophage (F3). Some renal tubules with hyaline droplets (F4 & F5).

Spleen: Peritonitis, mild (F1, F3). Some to moderate cuffing (F1, F2, F4).



Date: 09/12/2022

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/

marine scotland science



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS No
 FB0579

 SITE NO
 FS1343

 CASE NO
 20220483

DATE OF VISIT16/11/2022SITE NAMECulnacnoc Salmon FarmINSPECTORInspector

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory with regards to parasites, 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: 05/12/2022

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

FHI 059, Version 13	Issue	ed by: FHI	Date of issue: 12/05/2020
Case No: 2022-0540			Date of visit: 24/11/2022
Time spent on site: 2	2 hrs	Main Inspecto	pr:
Site No: FS0598 Business No: FB0007	Site Name: Business Name:	Trossachs Trout Ltd Invicta Trout Ltd	
Case Types: 1 ECI	2 CNI 3	45	6
Water Temp (°C): 9.2	Thermometer No:	T148	FHI 045 completed
Observations:	Region: CE	Water type: F	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken? UNI/REG only - if unable to carry	ed?	Y If yes, see additional infor N If yes, see additional infor N	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.
UNI/REG Only - II unable to carry	7 out intended visit detail reas		

FHI 059, Version 13 Additional Case Information:

Paperwork inspected with the exception of the movement records and waste transfer inspected remotely 23/11/2022. Physical inspection conducted on 24/11/2022. Case inspector was accompanied by UKAS auditors during site inspection.

Increase in mortality August 2021 and was only occurring in the female stock. Fish were below mean weight of 750g and mortality percentage was never above 1.5%. Was thought to be enteric redmouth disease (ERM) but was confirmed to be a case of furunculosis after vet was called and diagnostic samples taken. Mortality levels dropped back down to normal levels during September after water temperatures dropped. No treatment was required.

Stock on site all comes from Invicta Trout (FS0537) with fish on site currently ranging in size from a minimum mean weight of 32g to 1,155g. With mean weight of site currently at 287g.

Some dead fish observed during inspection but numbers were low. One fish was spotted with a fungal lesion on the side of the head. Internal examination of this fish showed no signs of clinical disease so no diagnostic samples were taken.

Only 2 of the stocked ponds contain female RTR with the remaining stock all triploid. Site only intends to hold triploid stock once remaining female stock have been removed. Site has seen a reduction in disease issues since the move to holding triploid stock.

Site has experienced some equipment damage due to badgers but this was only damage to the fence around the site with the health and the containment of the fish not being compromised. A new perimeter fence is to be installed. Site used to suffer from heron but this has since stopped after bird nets were installed.

Invoices/receipts for purchased treatments/medication not held on site but at companies main office.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	e: 12/05/2020
Case No:	2022-0540		Site No:	FS0598	3			
Date of Visit:		24/11/2022]		Inspector(s):			I
Registration/Autho								_
 Business/site det Changes made to 	-	checked by s	ite representa	ative?			Y V	4
2. Onanges made it							1	1
Site Details (includ	le cleaner fis		ions)			_		
Total No facilities		35	Facilities sto	cked	25	No facilitie	s inspected	35
Species	RTR							
Age group	2020/22							
No Fish	237,615							
Mean Fish Wt	287.4g							
Next Fallow Date (S	,	never fallow		Next Input Da	_ 、 /	Early 2023		
Recent (last 4 wks)	disease prob	iems?			Any escapes	s (since last	visit)?	N
If yes, detail:								
Movement Record	s							
1. Movement record	ls available fo	or inspection?						Y
2. Date of last inspe		·					26/05/2021	<u> </u>
3. Are records comp	plete and corr	ectly entered?	>					Y
4. Are movement re	cords availab	ole for dead fis	h and waste?)				Y
5. Are records comp	plete and corr	ectly entered?	>					Y
6. Are health certific	ates for intro	ductions (outw	/ith GB) availa	able?				N/A
Transport Records		it by (or on bo	half) of the hu	uningga (not up				· · · · · · · · · · · · · · · · · · ·
1. Are any moveme If yes, is there a sys								
		ior maintenan		riation records				
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortalitie					Other (detail	·		
				ank Waste Ma	nagement Ltd	for incinera	tion	
3. Mortality records	complete and	d correctly ente						Y
1. Desert mentality				(0.22%), wk 4	4 - 511 (0.189	%), wk 45 - 3	304 (0.10%),	wk 46 - 380
 Recent mortality Evidence of recent 		aturnical mortal	(0.16%)					N
If yes, facility nos/no				/reason:				
	montality pe			/1643011.				
6. Any other peaks i	in mortality du	uring period ch	necked?					Y
If yes, detail: Aug. 2021. Increase in morts in female stocks. Not above reporting level. See additional info.								
7. Have increased (unexplained) mortalities been reported to vet or FHI?								Y
If yes, detail action: Reported to vet and diagnostic samples taken. Confirmed as furunculosis								
8. Have 'mortality ev	vents' been re							N/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	N
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	N
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
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?	N
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 26/05/2021 - 24/11/2022	

FRI 059, Version 13		Issued by. FHI			Date t	/ 133ue.	12/05/2020
Case Number:	2022-0540		Site No:	FS0598		Insp:	
Date of Visit	24/11/2022		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		14	0
Movements off	Frequency of n	novements off	0	3	6	10	10
	Number of des		0	3	6	10	10
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or l	ed (secure water supply through	0				
susceptible to same diseases)	Farm is on-line	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		1
		or in a coastal zone with category III	1	3	6		
		or in a coastal zone with category V nor 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				0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0				0
	Feeding unpas	teurised feed	5				
Biosecurity	-	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total		21
					Rank		MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0540	Site No:	FS0598
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problem 2. Is the CoCP Form Management Area (or o		
3. Does the site have access to a range of lid	cenced in-feed and bath sea lice medications (well as access to suitable biological and/or me	including deltamethrin,
4. Is there a signed documented farm management Area (or equivalent)?	gement agreement or statement relevant to the	site and CoGP Farm
 5. Are sea lice count records available for ins 6. Do records adequately reflect the required 	spection? (Legal SSI, CoGP Annex 6) I standard specified in the SSI and the CoGP?	(Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels be records are inspected? (CoGP Annex 6)	elow the suggested criteria for treatment in the	CoGP during the period that
8. Have average adult female sea lice (<i>L. sa.</i> 2 or above (from w/b 10/6/19) during the peri	<i>Imoni</i> s) numbers per fish been at a level of 3 c iod that records are inspected?	r above (prior to w/b 10/6/19) or
•	Health Inspectorate? If no, FHI see comment. h is considered to cause significant welfare pro	blems? (CoGP 4.3.81, 5.3.50)
	istered or other actions taken when <i>L. salmon</i> elongatus is considered to have welfare implic	
 Has any other action been taken (where Have therapeutic treatments or the action 	applicable)? ns taken had a significant impact upon the lice	levels recorded?
	d out in cooperation between participating farm , where fewer populations or part populations a	
15. Is there a site specific written lice manag recognised scenarios during the escalation c	ement procedure with waypoints describing se of a sea lice infestation?	t actions to deal with
16. Do the sea lice levels observed on stocks	s reflect sea lice count data? If no please detai	l reasons.
Containment Inspection		
	ge due to predators in the current or previous	
2. Are measures in place to mitigate against Perimeter	the predation experienced on site? (Detail belo	ow) Y
If other, detail below:		
	perienced on or in the vicinity of the site since	the last FHI inspection? N
If Yes proceed with questions 4 – 9. If No ski 4. Have these been reported to Scottish Mini	· · ·	
·	orthwith (where they exist)? (CoGP – 4.4.37, 5	5.4.17)
	nd local fisheries trusts forthwith (where they ex	
7. Were methods (if any) used to recover eso	capees? If yes give detail	
8. If gill nets were deployed was this action a Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	greed with local wild fish interests and was pe	rmission given by Scottish
9. What action was taken to prevent and min	imise the risk of further escapes? (Not covered	d in code but could
be considered under satisfactory measured		
10. Is the site inspected as satisfactory with	regards to containment? If no, please detail rea	ason(s) Y

Case No:	2022-0540			Date of visit:	24/11/2022			
Site No:	FS0598	I		Inspector:		I		
Results Summary	Freq.			Da	te of Notifica	tion		
-	·	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
								-
Report Summary								
Case Type ECI, CNI	Date	Insp	2 nd Insp					
ECI, CNI	28/11/2022							
	1							





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0007

 SITE NO
 FS0598

 CASE NO
 20220540

DATE OF VISIT24/11/2022SITE NAMETrossachs TroutINSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

R04

Medicine records were inspected and found to be inadequately maintained.

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

Medicine records are to include the following information:

• Lot No. of product when acquired.

This information should be kept for all future treatments. No further action is required.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed:

Fish Health Inspector

Date: 28/11/2022

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

FHI 059, Version 13	Issue	ed by: FHI	Date of issue: 12/05/2020
Case No: 2022-0542			Date of visit: 07/11/2022
Time spent on site:	hours	Main Inspecto	r:
Site No: FS1062 Business No: FB0119	Site Name: Business Name:	Ardifuir Mowi Scotland Ltd	
Case Types: 1 ECI	2 CNI 3 SLI	45	6
Water Temp (°C): 12.4	Thermometer No:	Site	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA: M-40
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken? UNI/REG only - if unable to carry	d?	Y If yes, see additional inform N If yes, see additional inform N	nation/clinical score sheet. nation/clinical score sheet. nation/clinical score sheet.

Additional Case Information:

Poor gill health attributed to micro jellyfish- gill health improving.

Slice treatments carried out in August and this week (31/10/22). They have plans for salmosan tarp treatments, but the last two days the sea has been too rough to safely treat and they are standing by for a good weather gap

Site thermometer used for biosecurity reasons

Sea lice average adult female wk40 1.17; wk41 1.69, wk42 1.75, wk43 2.14

From health reports; primary cause of gill health challenge during this period starting August, and continues to be present today albeit in much lower concentrations. The main species identified is Muggeia atlantica, a hydrozoan species.

Dundas and Barkip for mort disposal final destination.

Mort level week 44 lower - 0.44% as divers were unavailable to work on site due to covid issues. Week 45 will be up over reporting as divers will be back on site but general gill health improved in larger fish but population of poor doers continues be cause increased mort levels.

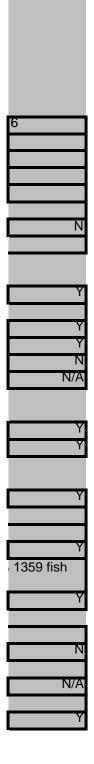
Lethargic poor doers observed in pens but not moribund, Some dead fish observed in pens. Are all removed daily but had appeared in afternoon as divers not available to remove dead fish that have not ended up in the dead baskets.

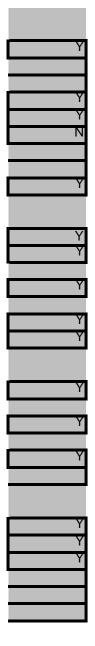
Planned tarp salmosan treatment week 14/11/22 - 5 cages to do. Not being done this week due strong tides.

All processing done at Loch Duart in Dingwall - recorded in Harvest schedule reports. Destination not specified but all fish go to Dingwall and going forward will record destination.

FHI 059, Version 13			Issue	ed by: FHI			Date of issue:	12/05/2020
Case No:	2022-0542]	Site No:	FS1062	2			
Date of Visit:		07/11/2022]		Inspector(s):			
Registration/Author 1. Business/site deta 2. Changes made to	ails summary		ite representa	tive?			Y Y	
Site Details (includ Total No facilities		h for all secti 6	i ons) Facilities sto	cked	6	No facilitie	s inspected	
Species Age group	RTR growers							
No Fish	205,914							
Mean Fish Wt	2.7	00/0/00						
Next Fallow Date (S Recent (last 4 wks)	,	28/2/23 ems?		Next Input Da	Any escapes	Jul-24 (since last	visit)?	
If yes, detail:	gill health			<u> </u>		(000 .0.01		
Movement Records 1. Movement records available for inspection? 2. Date of last inspection: 05/11/2018 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? If yes, is there a system in place for maintenance of transportation records?								
Mortality Records 1. Mortality records	available for i	nspection?						
2. How are mortalitie	es disposed o	f?			Biogas - Bark	kip		
If other detail: 3. Mortality records complete and correctly entered?								
4. Recent mortality (last 4 wks): 2022 wk43 1.18%- 2469 fish; wk42 1.42% 3013 fish. Wk41 0.64% wk40 1.52% 3279 fish								
5. Evidence of recent increased/atypical mortalities? If yes, facility nos/no mortality per facility/no stock per facility/reason:								
If yes, facility nos/no across site - see figu	• •	•		reason:				
6. Any other peaks i								
If yes, detail:								
7. Have increased (unexplained) mortalities been reported to vet or FHI? If yes, detail action:								
8. Have 'mortality ev	vents' been re	ported to FHI	? If no, enter o	details on mort	ality events sh	eet.		

	Treatments and Medicines Records
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)? Biosecurity Records 1. 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 helen adequately implemented on site? 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). branchiad disease suggestive of chronic gill damage possibly 2ndry environmental factor.	1. Recent treatments (see comment)?
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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:	health status, certification if required)?
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 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 Has any animal health surveillance been carried out by, or on behalf of, the business? If yes, are results available for inspection? Any significant results? If yes, detail (if not detailed under recent disease problems). branchial disease suggestive of chronic gill damage possibly 2ndry environmental factor.	
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). branchial disease suggestive of chronic gill damage possibly 2ndry environmental factor.	
 8. Have the biosecurity procedures been adequately implemented on site? If no, detail: Results of Surveillance Has any animal health surveillance been carried out by, or on behalf of, the business? If yes, are results available for inspection? Any significant results? If yes, detail (if not detailed under recent disease problems). branchial disease suggestive of chronic gill damage possibly 2ndry environmental factor. 	
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). branchial disease suggestive of chronic gill damage possibly 2ndry environmental factor.	
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). branchial disease suggestive of chronic gill damage possibly 2ndry environmental factor.	
 Has any animal health surveillance been carried out by, or on behalf of, the business? If yes, are results available for inspection? Any significant results? If yes, detail (if not detailed under recent disease problems). branchial disease suggestive of chronic gill damage possibly 2ndry environmental factor. 	If no, detail:
 Has any animal health surveillance been carried out by, or on behalf of, the business? If yes, are results available for inspection? Any significant results? If yes, detail (if not detailed under recent disease problems). branchial disease suggestive of chronic gill damage possibly 2ndry environmental factor. 	
 2. If yes, are results available for inspection? 3. Any significant results? If yes, detail (if not detailed under recent disease problems). branchial disease suggestive of chronic gill damage possibly 2ndry environmental factor. 	
3. Any significant results? If yes, detail (if not detailed under recent disease problems). branchial disease suggestive of chronic gill damage possibly 2ndry environmental factor.	•
If yes, detail (if not detailed under recent disease problems). branchial disease suggestive of chronic gill damage possibly 2ndry environmental factor.	· ·
branchial disease suggestive of chronic gill damage possibly 2ndry environmental factor.	
Records checked between: 5/11/18- 7/11/22	
	Records checked between: 5/11/18-7/11/22





Issued by: FHI

FRI 059, Version 13		Issued by. FHI			Dale	or issue.	12/05/2020
Case Number:	2022-0542		Site No:	FS1062		Insp:	
Date of Visit	07/11/2022		No of m	ovements/s	supp./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	
	Number of sup		0	5			
Movements off	Frequency of n	novements off	0	3	6	10	3
	Number of des		0	3	6	10	3
Exposure via water	1	Site contacts	0	1-5	6-10	I	
Water contacts with other farms (holding species	Farm is protect disinfection or	ed (secure water supply through porehole)	0				
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
	farms upstream	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 nor 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	No on farm pro	cessing	0				
the rules of the directive	Processing ow	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent stat	n from zone or compartment of	4				
	Processing fish	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	ĺ			
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				0
	Feeding unpas	teurised feed	5				
Biosecurity	-	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites		from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator			•				
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total		15
					Rank		LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0542	Site No: FS1062	
Date of Visit: 07/11/2022	Inspector:	
Deint of Compliance		
Point of Compliance 1. Is the farm under inspection located v	within a farm management area?	Y
If N, no further questions require comple	etion.	
•	Management Agreements and Statement	
 Has a current farm management agreed. Is the current FMAg/S available for in 	eement or statement (FMAg/S) been prepare spection?	ed? Y Y
4. Does the FMAg/S identify the relevant 5. Does the FMAg/S identify the fish far	-	Y
6. Does the FMAg/S identify the date of	commencement of the agreement or staten	nent?
7. Does the FMAg/S identify the date of	review?	Y
Arrangements for Fish Health Manag	jement um health standards for the stocks to be intro	oduced to the area or Y
farm?		
	ation requirements for stocks held in the area es of fish which may be stocked into the area	
11. Does the FMAg/S identify the maximindividual farm?	num stocking density of any pen on any farm	n in the area or the Y
12. Does the FMAg/S identify the arrang	gements for the storage and disposal of any	dead fish from any
fish farm in the area or the individual fa	.rm ?	
Arrangements for The Management of 13. Does the FMAg/S identify arrangem	of Sea Lice hents for the sharing of data on sea lice numl	bers and treatments? Y
agreement of statement?	bility and the use of medicines on farms cov	
15. Does the FMAg/S identify any requiration lice on farms in the area or individual fa	rements for the sensitivity testing of available rms?	e treatments for sea Y
	nstances under which biological controls and	d cleaner fish are to be Y
	gements for synchronous treatments on farm	ns within the area?
Live Fish Movements		
18. Does the FMAg/S identify the circun area or farm?	nstances when live fish may be introduced o	or removed from the Y
19. Does the FMAg/S identify the arrang	gements for the movement of live fish on and	d off sites in the area Y
or individual farms?		

Harvesting 20. Does the FMAg/S identify acceptable harvest practices on farms in the area or individual farms?	Y
Fallowing 21. Does the FMAg/S identify the dates by which the area or individual farm will be fallow and the earliest	Y
date when a farm or area may be restocked? 22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covered by the agreement or statement?	Υ
23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?	Υ
Point of Compliance for Farm Management Agreements Only 24. Does the farm management agreement include arrangements for persons to become, or cease to be, parties to the agreement?	Y
Management and operation25. Is the fish farm being managed and operated in accordance with the agreement or statement?26. What is the version no/date of issue of the FMAg/S?Lower Lorn FPA Apr22 V1	Y

Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0542	Site No:	FS1062
3. Does the site have access to a range of lice	quivalent) fallowed synchronously on a single ye enced in-feed and bath sea lice medications (inc well as access to suitable biological and/or mech	cluding deltamethrin, Y
4. Is there a signed documented farm manage Management Area (or equivalent)?	ement agreement or statement relevant to the si	te and CoGP Farm Y
5. Are sea lice count records available for insp6. Do records adequately reflect the required s	pection? (Legal SSI, CoGP Annex 6) standard specified in the SSI and the CoGP? (Le	egal SSI, CoGP Annex 6) Y
7. Are sea lice (<i>L. salmonis</i>) record levels belor records are inspected? (CoGP Annex 6)	ow the suggested criteria for treatment in the Co	GP during the period that N
8. Have average adult female sea lice (<i>L. saln</i> 2 or above (from w/b 10/6/19) during the perio	<i>nonis</i>) numbers per fish been at a level of 3 or a od that records are inspected?	bove (prior to w/b 10/6/19) or Y
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 proble	ems? (CoGP 4.3.81, 5.3.50) N
suggested criteria for treatment or where <i>C</i> . e 11. Has any other action been taken (where a 12. Have therapeutic treatments or the actions 13. Are treatments, where conducted, carried	stered or other actions taken when <i>L. salmonis l</i> <i>longatus</i> is considered to have welfare implication pplicable)? s taken had a significant impact upon the lice lev out in cooperation between participating farms? where fewer populations or part populations are	ons? (CoGP 4.3.82, 5.3.51) vels recorded? Y
	ment procedure with waypoints describing set a nfestation?	ctions to deal with recognised Y
-	reflect sea lice count data? If no please detail re	easons. Y
	ge due to predators in the current or previous pro he predation experienced on site? (Detail below) false net bottoms	
If Yes proceed with questions 4 – 9. If No skip 4. Have these been reported to Scottish Minis 5. Have these been reported to local DSFB fo		.17)
7. Were methods (if any) used to recover esca	apees? If yes give detail	
 Ministers? (Legal, CoGP – 4.4.38, 5.4.18) 9. What action was taken to prevent and mining be considered under satisfactory measureme	reed with local wild fish interests and was permi mise the risk of further escapes? (Not covered ir res of the Act) egards to containment? If no, please detail reasc	n code but could

Case No:	2022-0542]		Date of visit:	07/11/2022]		
Site No:	FS1062]		Inspector:		I		
Results Summary	Freq.			Da	te of Notifica	ition		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
							-	
							-	
Report Summary			nd					
Case Type ECI, CNI, SLI	Date	Insp	2 nd Insp					
ECI, CINI, SLI	29/11/2022							

marine scotland science



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0119

 SITE NO
 FS1062

 CASE NO
 20220542

DATE OF VISIT07/11/2022SITE NAMEArdifuirINSPECTORInspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

Aquaculture animal and aquaculture animal product movement records were inspected and found to be inadequately maintained. The destination of the harvested fish was not detailed in the records. It was agreed during the visit that this would be recorded for future harvests.

Records in relation to aquaculture animals transported by the business 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 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: 25/11/2022

Fish Health Inspector

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

FHI 059, Version 13	ls	Date of issue: 12/05/2020				
Case No: 2022-0545			Date of visit: 10/11/2022			
Time spent on site:	2.5 Hours	Main Inspec	tor:			
Site No: FS0890 Business No: FB0341	Site Name: Business Name:	Jubilee Loch Shin Migdale Smolts Ltd				
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6			
Water Temp (°C): 9.06	Thermometer No:	T309	FHI 045 completed			
Observations:	Region: HI	Water type: F	CoGP MA			
Dead/weak/abnormally behaving fish present? N If yes, see additional information/clinical score sheet. Clinical signs of disease observed? N If yes, see additional information/clinical score sheet. Gross pathology observed? N If yes, see additional information/clinical score sheet. Diagnostic samples taken? N If yes, see additional information/clinical score sheet.						
UNI/REG only - if unable to car	ry out intended visit detail r	eason below:				
Dead/weak/abnormally behavir Clinical signs of disease obser Gross pathology observed? Diagnostic samples taken?	ng fish present? ved?	N If yes, see additional info N If yes, see additional info N If yes, see additional info N	ormation/clinical score sheet. ormation/clinical score sheet.			

Additional Case Information:

Site inspection and paper work conducted by setting, observed by

Visibility was poor due to dark and peaty water. A few fish were observed with light fungus in a few pens but the vast majority of fish observed appeared healthy. Fish sampled for VMD appeared healthy externally and internally.

Fish are currently in withdrawal for AQUACEN (Formalin).

FHI 059, Version 13			lssu	ed by: FHI			Date of issu	e: 12/05/2020
Case No:	2022-0545]	Site No:	FS0890]			
Date of Visit:		10/11/2022	2		Inspector(s):			I
Registration/Autho 1. Business/site deta			ite representa	ative?			Y	1
2. Changes made to	-						Y	1
Site Details (includ	e cleaner fis	h for all sect	ions)					
Total No facilities		32	Facilities sto	cked	18	No facilitie	s inspected	32
Species	SAL							
Age group	2023							
No Fish	990,023					-		
Mean Fish Wt	85g							
Next Fallow Date (S		03/2023		Next Input Da	ate (Site)	07/2023		
Recent (last 4 wks)					Any escapes		visit)?	N
If yes, detail:		iems.			Any cooupes		viole):	
n yes, actan.								
Movement Records	5							
1. Movement record		r inspection?						Y
2. Date of last inspe							07/12/2021	
3. Are records comp		ectly entered?	7					Y
4. Are movement re		•		,				Y
5. Are records comp								Y
6. Are health certific		•		able?				N/A
			,,					
Transport Records	;							
1. Are any movemen	nts carried ou	t by (or on be	half) of the bu	isiness (not us	ing a STB)?			N
If yes, is there a syst								
Mortality Records								
1. Mortality records a		•						Y
2. How are mortalitie	es disposed o	of?			Incinerated -	on site		
If other detail:								
3. Mortality records of	complete and	correctly ente						Y
				9, 0.40%), Wk	43 (2923, 0.39	%), Wk 42 (*	1700, 0.2%),	Wk 41 1593,
4. Recent mortality (· · · · ·		0.2%).					
5. Evidence of recen								N
If yes, facility nos/no	mortality per	Tacility/no sto	ock per facility	/reason:				
		· · · · ·						N
6. Any other peaks in	n mortality du	iring period ch	necked?					N
If yes, detail:								NI/ A
7. Have increased (u	unexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:			0.14					
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mor	tality events sl	neet.		N/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	N
If yes, detail:	
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)? Aquacen	
If other, detail: T.M.S	
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	
 Has any animal health surveillance been carried out by, or on behalf of, the business? 	Y
2. If yes, are results available for inspection?	Y
3. Any significant results?	N
If yes, detail (if not detailed under recent disease problems).	
Records checked between: 07/12/2021 - 10/11/022	

Fł	HI 059, Version 13							lssu	ed by: F⊦	11			
	Case no:	2022-0	545	Site No:	F	FS0890			Date of vis		10/1	11/2022	10/*
l	Priority samples:	VI		BA		PA		MG	Sampling:	н			
	Time sampling starts/ends:	12:3	80:00	13:0	0:00		Inspector	r:			VMD No	р. [6
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		BA		MG		VI		PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-6	7-12										
	Pool Group												
	Species	SAL	SAL						_				
	Average weight	80g	80g										
	Sex	N/A	N/A										
	Water Type	FW	FW										
Stock Details	Stock Origin Facility No	7 Mill Burn (Old Mill) (FS0831)	6 Mill Burn (Old Mill) (FS0831)										
S		12	19										

11/2022	Additio	nal Sam	pie intor	mation:							
0	I	Total T	ests ass	igned	0	I					

Issued by: FHI

		Issued by. FHI			Date	JI ISSUE	. 12/05/2020
Case Number:	2022- <mark>0</mark> 545		Site No:	FS0890		Insp:	
Date of Visit	10/11/2022		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible		novements on from equivalent MS	0	5	10	14	0
species		novements on from equivalent zone or ncluding third country	0	9	18	26	0
	Number of sup		0		10	14	0
Movements off	Frequency of n	novements off	0	3	6	10	3
	Number of des	tinations	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
		or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0]			0
	Processing ow	n fish (re-cycling risk)	1				
	Processing fish	n from MS of equivalent status	2				
	Processing fish equivalent stat	n from zone or compartment of us	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	te only processed.	0				0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0]			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of 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		1
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total Rank		9 LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0545	Site No:	FS0890
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems 2. Is the CoGP Farm Management Area (or e	s in the previous 4 years? quivalent) fallowed synchronously on a single y	year class basis?
	enced in-feed and bath sea lice medications (in well as access to suitable biological and/or med d of time?	
4. Is there a signed documented farm manage Management Area (or equivalent)?	ement agreement or statement relevant to the s	site and CoGP Farm
 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? (I	Legal SSI, CoGP Annex 6)
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
8. Have average adult female sea lice (<i>L. sali</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
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	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 implications	
13. Are treatments, where conducted, carried 14. Is there a harvesting strategy for the site,	applicable)? s taken had a significant impact upon the lice le out in cooperation between participating farms where fewer populations or part populations are	?
sea lice? 15. Is there a site specific written lice manage scenarios during the escalation of a sea lice i	ement procedure with waypoints describing set a	actions to deal with recognised
-	reflect sea lice count data? If no please detail i	reasons.
Containment Inspection		
 Has the site experienced equipment damage Are measures in place to mitigate against t 	ge due to predators in the current or previous p the predation experienced on site? (Detail belov	
Top nets tensioned nets If other, detail below:	small mesh	
 Have escape incidents or events been explicitly for the second sec	•	ne last FHI inspection? N
•	orthwith (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 esc	apees? If yes give detail	
8. If gill nets were deployed was this action ag Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	greed with local wild fish interests and was pern	nission given by Scottish
9. What action was taken to prevent and mini be considered under satisfactory measure	mise the risk of further escapes? (Not covered 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	son(s) Y

Site No: FS0890

Case No: 2022-0545

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2022-0545]		Date of visit:	10/11/2022	2							
Site No:	FS0890]		Inspector:									
Results Summary	Freq.		Date of Notification										
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp					
			-				-						
					-								

Report Summary			
Case Type	Date	Insp	2 nd Insp
ECI, CNI, VMD	15/11/2022		





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0341 SITE NO FS0890 CASE NO 20220545 **DATE OF VISIT** 10/11/2022 SITE NAME INSPECTOR

Jubilee Loch Shin

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

R04

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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



Date: 15/11/2022

Fish Health Inspector

Signed:

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

FHI 059, Version 13	lssเ	ied by: FHI	Date of issue: 12/05/2020
Case No: 2022-0546			Date of visit: 10/11/2022
Time spent on site: 2	Hours	Main Inspecto	pr:
Site No: FS0612 Business No: FB0341	Site Name: Business Name:	Loch Merkland Migdale Smolts Ltd	
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6
Water Temp (°C): 9.12	Thermometer No:	Т309	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?	-	N 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 rea	ason below:	

Additional Case Information:

Site inspection and paper work conducted by **setting**, supervised by **setting**.

Only 3 stocked cages left onsite. Site is due to fallow by the end of November. Mortality has been very low throughout the current production cycle.

From the physical inspection of the site, the water was very dark and peaty, therefore visibility was limited. Fish sampled for VMD appeared healthy.

Fish currently in withdrawl for AQUACEN (Formalin)

FHI 059, Version 13			Issu	ied by: FHI			Date of issu	e: 12/05/2020
Case No:	2022-0546]	Site No:	FS0612	2			
Date of Visit:		10/11/2022	2		Inspector(s)	:		I
Registration/Author 1. Business/site det			ite represent:	ative?			V	1
2. Changes made to	-	checked by a	ine representa	ative :			Y	1
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities		20	Facilities sto	ocked	3	No facilitie	s inspected	20
Species	SAL						1	
Age group	2022							
No Fish	114,833							
Mean Fish Wt	55g					-		
Next Fallow Date (S		11/2022		Next Input Da	ate (Site)	05/2023		
Recent (last 4 wks)					Any escape		visit)?	N
If yes, detail:								
Movement Record	s							
1. Movement record		or inspection?						Y
2. Date of last inspe							29/10/2019	
3. Are records comp		ectly entered?	7					Y
4. Are movement re		•		>				Y
5. Are records comp								Y
6. Are health certific		-		able?				Y
								-
Transport Records	5							
1. Are any moveme		it by (or on be	half) of the bu	usiness (not us	ing a STB)?			N
If yes, is there a sys								
					•			
Mortality Records								
1. Mortality records	available for i	inspection?						Y
2. How are mortalitie		•			Ensiled - on	site		
If other detail:		te collected b	v Billy Bowie					
3. Mortality records								I Y
				.01%), Wk 41	(32 0 01%) V	Vk 42 (0 01%	6) Wk 43 (0 0) Wk 44 (5
4. Recent mortality	(last 4 wks):		0.01%)		(02 0.0170) 1	11 42 (0,017	o) The 40 (0,0) WR 44 (0 ,
5. Evidence of recei	• • •	atypical morta						N
If yes, facility nos/no		••		/reason:				
	internating per		in per laointy					
6. Any other peaks i	in mortality du	ring period ch	necked?					N
If yes, detail:		ing period of						
7. Have increased (unexplained)	mortalities be	en reported to	o vet or EHI2				N/A
If yes, detail action:	(intercention)		en reported to					
8. Have 'mortality ev	ents' been re	eported to EHI	? If no enter	details on mor	tality events a	heet		N/A
o. Have mortality et	ionto beenne		. In no, enter		tailty events s			

Treatments and Medicines Records	
1. Recent treatments (see comment)?	N
If yes, detail:	
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)? Aquacen	
If other, detail: T.M.S	
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	Ŷ
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	Ŷ
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Ŷ
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?	N
3. Any significant results? If yes, detail (if not detailed under recent disease problems).	IN
n yes, detail (il not detailed under lecent disease problems).	
Records checked between: 29/10/2022 - 10/10/2022	

F	HI 059, Version 13							lss	ued by:	FHI			
	Case no:	2022-0	546	Site No:		FS0612			Date of	visit/	10/	11/2022	10/*
	Priority samples:	1/1		BA		PA		MG	Samplin	g: HI			
	r nonty samples.	VI				' ^		MO				I	
	Time sampling starts/ends:	12:0	0:00	12:3	0:00		Inspecto	or:				o.	10
	Environmental conditions:	1	Indoors	2		3		4		5		l –	
	Summary samples	HIST		BA		MG		VI		PA		Total Sa	amples
A	dd Fish/Pools - click												
Г	Pool/Fish No												
	Fish nos	1-6	7-14	15-20									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	85g	85g	85g									
	Sex	N/A	N/A	N/A									
	Water Type	FW	FW	FW									
		≡	≡	≡									
		Σ	Σ	Σ									
		ő	õ	Ö									
ails		- - - - - - - - - - - - - -	÷ ÷	-) -									
eta		83 gru	83 gru	3un 83									
$\overline{\mathbf{O}}$		Mill Burn (Old Mill (FS0831)	Mill Burn (Old Mill (FS0831)	SO									
Stock Details	Stock Origin			Mill Burn (Old Mill (FS0831)									
S	Facility No	18	19	20									

1/2022 Additional Sample Information:													
0	0 Total Tests assigned 0												

Issued by: FHI

FHI 059, Version 13		Issued by: FHI			Date	l issue	12/05/2020
Case Number:	2022-0546		Site No:	FS0612		Insp:	
Date of Visit	10/11/2022		No of mo	ovements/s	supp./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 ncluding 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	3
	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	Farm is protect disinfection or	ed (secure water supply through	0				
susceptible to same diseases)	Farm is on-line	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
	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 own	n fish (re-cycling risk)	1				
	Processing fish	n from MS of equivalent status	2				
	Processing fish equivalent state	n from zone or compartment of us	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	te only processed.	0				0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0				0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of 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		1
Disinfection of equipment	Yes		0				0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total Rank		10 LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0546	Site No:	FS0612
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems 2. Is the CoGP Farm Management Area (or e		year class basis?
	enced in-feed and bath sea lice medications (in well as access to suitable biological and/or med d of time?	
4. Is there a signed documented farm manag Management Area (or equivalent)?	ement agreement or statement relevant to the s	site and CoGP Farm
 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? (I	Legal SSI, CoGP Annex 6)
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
8. Have average adult female sea lice (<i>L. sali</i> 2 or above (from w/b 10/6/19) during the perio	<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
If yes, have these been reported to the Fish H 9. Is <i>C. elongatus</i> infestation at a level which	Health Inspectorate? If no, FHI see comment. is considered to cause significant welfare probl	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> slongatus is considered to have welfare implication	
13. Are treatments, where conducted, carried 14. Is there a harvesting strategy for the site,	applicable)? Is taken had a significant impact upon the lice le I out in cooperation between participating farms where fewer populations or part populations are	?
sea lice? 15. Is there a site specific written lice manage scenarios during the escalation of a sea lice i	ement procedure with waypoints describing set a	actions to deal with recognised
-	reflect sea lice count data? If no please detail i	reasons.
Containment Inspection		
 Has the site experienced equipment dama Are measures in place to mitigate against 	ge due to predators in the current or previous pathe the predation experienced on site? (Detail below	
Top Nets Tensioned net If other, detail below:		
 Have escape incidents or events been explicitly of the second with questions 4 – 9. If No skip Have these been reported to Scottish Ministry 	•	ne last FHI inspection? N
	orthwith (where they exist)? (CoGP – 4.4.37, 5.4 d local fisheries trusts forthwith (where they exist	
7. Were methods (if any) used to recover esc	apees? If yes give detail	
8. If gill nets were deployed was this action ag Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	greed with local wild fish interests and was pern	nission given by Scottish
9. What action was taken to prevent and mini be considered under satisfactory measu	imise the risk of further escapes? (Not covered res of the Act)	in code but could
10. Is the site inspected as satisfactory with r	egards to containment? If no, please detail reas	son(s) Y

Site No: FS0612

Case No: 2022-0546

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2022-0546]	Date of visit: 10/11/2022							
Site No:	FS0612]	Inspector:							
Results Summary	Freq.		Date of Notification							
				Da	te of Hounda					
		Database	Insp	Phone		Writing	Insp	2 nd Insp		
		Database	Insp				Insp	2 nd Insp		

Case Type Date Insp 2 nd Insp ECI, CNI, VMD 15/11/2022 Image: Straight of the st	Report Summary				
ECI, CNI, VMD 15/11/2022	Case Type	Date	Insp	2 nd Insp	
	ECI, CNI, VMD	15/11/2022			





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0341 SITE NO FS0612 CASE NO 20220546 **DATE OF VISIT** 10/11/2022 SITE NAME INSPECTOR

Loch Merkland

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

R04

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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



Date: 15/11/2022

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		Issued by: FHI	Date of issue: 12/05/2020				
Case No: 2022-0548			Date of visit: 08/11/2022				
Time spent on site:	2.5 Hours	Main Inspec	tor:				
Site No: SS0893 Business No: SB0539	Site Name: Business Name:	Keoldale Kyle of Durness Cowrie Associates Ltd					
Case Types: 1 ECI	23_	4 5	6				
Water Temp (°C): N/A	Thermometer No:		FHI 045 completed				
Observations:	Region: HI	Water type: S	CoGP MA				
Dead/weak/abnormally behaving fish present? N If yes, see additional information/clinical score sheet. Clinical signs of disease observed? N If yes, see additional information/clinical score sheet. Gross pathology observed? N If yes, see additional information/clinical score sheet. Diagnostic samples taken? N							
UNI/REG only - if unable to carry out intended visit detail reason below:							

Additional Case Information:

Site inspection and paper work conducted by supervised by

The site currently holds 800 tressles, the site plans to thin the stock into an additional 100 tressels. Historically the site has experienced high mortality in the early stages following initial stocking due to heat stroke. The site is currently trailing hanging bags vertically from the tressels to allow for greater submersion time by the tides.

From the physical inspection of the site, a varied state of fouling by sea weed and other marine plant material was observed. A few empty shells observed in some bags although the vast majority were healthy.

The site currently holds approximately 1000 native oysters held from a single stock in 2015. The site has plans to bring in a further stock of natives this year.

150 native oysters were sampled in 2020 and tested for the presence of Bonamia ostreae, all samples tested negative.

FHI 059, Version 13	i		ls	sued by: FHI		I	Date of issue: 12	/05/2020
Case No:	2022-0548		Site No:	SS08	93			
Date of Visit:		08/11/20	22		Inspector(s)			
Registration/Autho	orisation Def	tails						
1. Business/site det	ails summary	y checked by	/ site represer	ntative?		ľ	Y	
2. Changes made to	o details?						Y	
Site Details (includ	le cleaner fi	sh for all se	ctions)					
Total No facilities		800	Facilities s	tocked	800	No facilities	inspected 800	
Species	CGI	CGI	CGI	CGI	OED			
Age group	2022	2021	2020	2019	2015			
No Fish	600,000	400,000	300,000	200,000	1,000			
Mean Fish Wt	0.4g	5g	40g	60g	25g			
Next Fallow Date (S	· · · ·	N/A		Next Input I	· · · ·	June 2023		
Recent (last 4 wks) If yes, detail:	disease prob	olems?			N Any escapes	s (since last vi	isit)?	N
 Movement record Date of last inspected Are records completed Are movement records completed Are records completed Are health certified Transport Records Are any movement If yes, is there a system Mortality Records 	ection: olete and cor cords availal olete and cor cates for intro s nts carried of tem in place	rectly entere ble for dead rectly entere oductions (ou ut by (or on t for maintena	d? fish and wast d? itwith GB) ava behalf) of the	iilable? business (not ι		[26/04/2021	Y Y N/A N/A Y
1. Mortality records		•				<u></u>		Y
How are mortalitie If other detail:			luced on loca	l minato no odo	Other (detai)		
3. Mortality records				al private roads	•			N/A
4. Recent mortality	•	a concerty e	None obse	anved				
5. Evidence of recei	• • •	atypical mor		erveu.				N
If yes, facility nos/no		••		itv/reason:				
				ily/redectil				
6. Any other peaks i	in mortality d	uring period	checked?					N/A
If yes, detail:								
7. Have increased (unexplained)	mortalities l	been reported	to vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	vents' been re	eported to F	HI? If no, ente	er details on mo	ortality 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 Biosecurity records available for inspection? Has the manner and frequency of mortality removal, recording and safe disposal been considered? 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? 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? Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)? 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.)? 	Y Y Y Y
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?	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: 26/04/2021 - 08/11/2022	

FHI 059, Version 13	Issued by: FHI			Date	e of issue: 12/0	05/202
Case Number:	2022-0548 Site No:	SS08	93			
Date of Visit	08/11/2022 Inspector:					
Number of Susceptil	ble species on site			-		
•	ies present = <u>LOW</u> risk					
	present, score for each pathogen		No	Yes		
	Susceptible to Bonamia ostrea (OED)		0	25	25	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3	
	Susceptible to OsHV (CGI)		0	3	3	
Sites within a tidal e	xcursion	1	2-5	>6		
Site contacts	Number of sites holding susceptible species within a tid	al				
	excursion	0	2	10	0	
Live shellfish mover	nents	0	1-2	>3		
Movements on	Frequency of movements on from equivalent MS	T Õ	5	10	0	
	Frequency of movements on from equivalent zone or					
	compartment including third country	0	10	20	10	
	Number of suppliers	0	5	10	5	
Movements off						
	Frequency of movements off within MSS Management					
	Areas	0	1	2	2	
	Frequency of movements off outwith MSS Management		2	6		
	Areas Number of destinations	0	3	6 6	0	
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)		
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	2	
	Depuration of stock from other businesses sites within MSS management area	0	2	6	0	
	Depuration of stock from sites outwith MSS management area	nt 0	4	8	0	
Biosecurity	Number of sites	1	2 or 3	≥ 4		
Contacts with other	Sites operating from single shorebase	0	1	2	0	
sites	Sites sharing staff and equipment	0	1	5	0	
			Yes	No		
	Disinfection of equipment between sites, use of footba	0	2	0		
			Total		56	
			Total Risk		56 HIGH	

Case No:	2022-0548	Date of visit: 08/11/2022
Site No:	SS0893	Inspector:

Results Summary	Freq.	Date of Notification							
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
					_		_		
					_		_		
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Case TypeDateInsp2nd InspECI15/11/2022Image: Straight of the straight	Report Summary			
ECI 15/11/2022	Case Type	Date	Insp	2 nd Insp
	ECI	15/11/2022		





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0539 SITE NO SS0893 CASE NO 20220548

SITE NAME INSPECTOR

DATE OF VISIT 08/11/2022 Keoldale Kyle of Durness

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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



Date: 15/11/2022

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FHI 059, Version 13	l:	ssued by: FHI	Date of issue	e: 12/05/2020
Case No: 2022-0550			Date of visit: 07/1	1/2022
Time spent on site: 2	nrs	Mai	n Inspector:	
Site No: FS1352 Business No: FB0586	Site Name: Business Name:	Rastech St Andrews Rastech CIC (Fish)	Scottish Oceans Institute (SOI))
Case Types: 1 ECI	23	4 5	6	
Water Temp (°C): 12	Thermometer No:	T152	FHI 045 completed	
Observations:	Region: FI	Water type:	B CoGP MA:	
Dead/weak/abnormally behaving	fish present?	N If yes, see addit	ional information/clinical score s	sheet.
Clinical signs of disease observed	1?	N If yes, see addit	ional information/clinical score s	sheet.
Gross pathology observed?		N If yes, see addit	ional information/clinical score s	sheet.
Diagnostic samples taken?		Ν		
UNI/REG only - if unable to carry	out intended visit detail	reason below:		

Additional Case Information:

Site is currently being broken down, with equipment and fish being transferred to new Eden site (prior approval for movements was sought as required). Once all fish and equipment have been moved to Eden, this site is to be deregistered at the request of the business.

All intake water is from mains, and is pumped into IBCs where it is passed through a sand filter, ozone, UV and activated carbon before it enters the holding facilities containing the fish. All effluent water is captured in floor drains, which all lead to a mains storage tank. Here, chlorine is added to the water and it is also treated with ozone prior to discharge into mains sewage.

The rooms and corridor are bunded and all rooms are key coded for controlled access. Only staff can access these rooms and their movements are digitally recorded for tracability.

All the fish appeared in good physical health and were active in the tanks.

FHI 059, Version 13			lssu	ied by: FHI			Date of issue	e: 12/05/2020
Case No:	2022-0550]	Site No:	FS1352	2			
Date of Visit:		07/11/2022]		Inspector(s):			I
Registration/Autho								
 Business/site deta Changes made to 		checked by s	ite representa	ative?			Y	
2. Changes made to								1
Site Details (includ	e cleaner fis	h for all sect				_		
Total No facilities		6	Facilities sto	ocked	4	No faciliti	es inspected	6
Species	Charr							
Age group No Fish	2021					-	_	
Mean Fish Wt	922 62a				<u> </u>			
Next Fallow Date (Si	63g ite)	End Nov		Next Input Da	ate (Site)	None.		
Recent (last 4 wks) of					Any escapes		visit)?	N
If yes, detail:					,	(0		
Movement Records 1. Movement records 2. Date of last inspect 3. Are records comp 4. Are movement records 5. Are records comp 6. Are health certificat Transport Records 1. Are any movement If yes, is there a system Montality Records	s available fo ction: lete and corr cords availab lete and corr ates for introc	ectly entered? le for dead fis ectly entered? ductions (outw t by (or on be	h and waste? vith GB) availa half) of the bu	able? usiness (not us			First inspect	Y ion. Y Y Y
Mortality Records 1. Mortality records a	available for i	nspection?						Y
2. How are mortalitie					Other (detail)			
1			and disposed	d of via the univ			ute.	
3. Mortality records of								Y
4. Recent mortality (last 4 wks):		None.					
5. Evidence of recen								N
If yes, facility nos/no	mortality per	facility/no sto	ock per facility	//reason:				
	· · · · · · · · · · · · · · · ·	<u></u>						N
Any other peaks in If yes, detail:	n mortality du	iring period cr	necked?					N
7. Have increased (u	(nexplained)	mortalities be	en reported t	o vet or FHI2				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mort	tality events sh	neet.		N/A

Treatments and Medicines Records		
1. Recent treatments (see comment)?		N
If yes, detail:		
If other, detail:		
2. Medicines records available for inspection?		N/A
3. Are records complete and correctly entered?		
4. Are fish in a withdrawal period?		N
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?	L	N/A
Biosecurity Records		
1. Biosecurity records available for inspection?	Ē	Y
 3. Has the manner and period in which the APB will notify Scottish Min <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 su is detected been included and <i>how</i> and <i>when</i> that will be notified to So 5. Has the health status of aquaculture animals being stocked on the fehalth status, certification if required)? 6. Have the husbandry and biosecurity measures implemented betweet transmission of disease been covered (movement of staff, visitors, equivalent of the status). 	spicion of the presence of a listed disease cottish Ministers? arm site been covered (equal or higher n each epidemiological unit to minimise ipment, live or dead fish etc.)?	Y Y Y Y
aquaculture animals held on site?	tain the physical containment of	1
8. Have the biosecurity procedures been adequately implemented on s If no, detail:	ite?	Y
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: 04/06/20	21 - 07/11/2022	

FRI 059, Version 13		ISSUED by. FHI			Duio		12/05/2020
Case Number:	2022-0550		Site No:	FS1352		Insp:	
Date of Visit	07/11/2022		No of mo	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	5
with GB) of susceptible species		novements on from equivalent zone or including third country	0	9	18	26	
	Number of sup		0	5	10		5
Movements off	Frequency of n	novements off	0	3	6	10	6
	Number of des		0		6		3
Exposure via water		Site contacts	0	1-5	6-10		•
Water contacts with other		ed (secure water supply through	0				0
farms (holding species susceptible to same diseases)		or in a coastal zone with category I	1	2			
	-	n or within 1 tidal excursion or in a coastal zone with category III	1	2			
	farms upstrean	n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing ow	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	from zone or compartment of	4				
		from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	1			0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	1			0
	Feeding unpas	•	5				
Biosecurity	-	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance	Yes		0				
with regulator or industry code of practice	No		3				3
Platform access to cages	Yes		0				0
	No		2				
					Total Rank		22 MEDIUM

Case No:	2022-0550]		Date of visit:	07/11/2022]			
Site No:	FS1352]		Inspector:		I			
Results Summary	Freq.		Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
	+								
		ļ							
		I							
Report Summary				1					

Report Summary			
Case Type	Date	Insp	2 nd Insp
ECI	16/11/20)22	
	_		
	_		





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0586

 SITE NO
 FS1352

 CASE NO
 20220550

DATE OF VISIT07/11/2022SITE NAMERastech St Andrews (SOI)INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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



Signed:

Date: 16/11/2022

Fish Health Inspector

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

FHI 059, Version 13	lse	sued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0551			Date of visit: 07/11/2022
Time spent on site: 2	hrs	Main	Inspector:
Site No:SS0940Business No:SB0569	Site Name: Business Name:	Rastech St Andrews Rastech CIC (Shellfish	n)
Case Types: 1 ECI	23	4 5	6
Water Temp (°C): 30	Thermometer No:	T152	FHI 045 completed
Observations:	Region: FI	Water type: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		N If yes, see additio	nal information/clinical score sheet. nal information/clinical score sheet. nal information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail r	eason below:	

FHI 059, Version 13 Additional Case Information:

Site is currently being prepared for breakdown. A new site is being developed at the universities Eden campus, which is currently under construction. The intention is to transfer all stock from this site to the new site (subject to authorisation) where they will be involved in feed trials using insect protein as a substitute for fishmeal to determine the benefits (if any) to growth rates. Once all animals and equipment have been transferred, this site is to be deregistered at the request of the business.

All intake water is natural seawater which is pumped into IBCs where it is passed through a sand filter, ozone, UV and activated carbon before it enters the holding facilities containing the shrimp. All effluent water is captured in floor drains, which all lead to a mains storage tank. Here, chlorine is added to the water and it is also treated with ozone prior to discharge into mains sewage.

The rooms and corridor are bunded and all rooms are key coded for controlled access. Only staff can access these rooms and their movements are digitally recorded for tracability.

FHI 059, Version 13			lssu	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2022-0551]	Site No:	SS0940]			
Date of Visit:		07/11/2022	l		Inspector(s):			
Registration/Autho								
 Business/site deta Changes made to 	-	checked by si	te representa	ative?			Y	
2. Changes made to	uetalis :						IN	
Site Details (includ	e cleaner fis	h for all secti			-	_		
Total No facilities		1	Facilities sto	ocked	1	No faciliti	es inspected	1
Species Age group	LPV 2021							
No Fish	2021							
Mean Fish Wt	40-100g							
Next Fallow Date (S	V	End of Nov.		Next Input Da	ate (Site)	None.		
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	: visit)?	Ν
If yes, detail:								
Movement Records	•							
1. Movement record		r inspection?						Y
2. Date of last inspec		i inopoonorri					26/11/2020	-
3. Are records comp		ectly entered?						Y
4. Are movement re	cords availab	le for dead fis	h and waste?)				Y
5. Are records comp		-						Y
6. Are health certification	ates for introd	ductions (outw	ith GB) availa	able?				Y
Transport Records								
1. Are any movemen		t by (or on bel	nalf) of the bu	usiness (not usi	ing a STB)?			
If yes, is there a syst								
							-	
Mortality Records	wailahla far i	a a na action 2						V
 Mortality records a How are mortalitie 					Other (detail)			1
			and disposed	l of via the univ	. ,		Ite	
3. Mortality records of								Y
4. Recent mortality (last 4 wks):		2 mortalities	•				
5. Evidence of recen								N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	r/reason:				
6. Any other peaks in	o mortality du	ring pariod ab	ookod2					N
If yes, detail:	I monality du	ning period ch	eckeu?					IN
7. Have increased (u	(inexplained)	mortalities bee	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 mort	ality events sh	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?	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 diseas	e
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?	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: 26/11/2020 - 07/11/2022	

FHI 059, Version 13	Issued by: FHI			Date	of issue: 1	2/05/20
Case Number:	2022-0551 Site No:	SS094	0			
Date of Visit	07/11/2022 Inspector:			l		
Number of Susceptil	ble species on site					
-	ies present = <u>LOW</u> risk					
	present, score for each pathogen		No	Yes		
	Susceptible to Bonamia ostrea (OED)		0	25	0	
	Susceptible to Marteilia refringens (OED, MED)		0	3	0	
	Susceptible to OsHV (CGI)		0	3	0	
Sites within a tidal e	xcursion	1	2-5	>6		
Site contacts	Number of sites holding susceptible species within a tidal					
	excursion	0	2	10	0	
ive shellfish moven.		0	1-2	>3		
Novements on	Frequency of movements on from equivalent MS	0	5	10		
	Frequency of movements on from equivalent zone or					
	compartment including third country	0	10	20		
	Number of suppliers	0	5	10	5	
Novements off						
	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	0	
	Frequency of movements off outwith MSS Management					
	Areas	0	3	6	0	
		0	3 3	6 6	0 0	
-	Areas					
oractices	Areas Number of destinations Depuration of stock from own sites within MSS	0 None	3 Secure (effluent treatment)	6 Unsecure (no effluent treatment)	0	
Water contacts with	Areas Number of destinations	0	3 Secure (effluent	6 Unsecure (no effluent		
Water contacts with	Areas Number of destinations Depuration of stock from own sites within MSS management area	0 None	3 Secure (effluent treatment)	6 Unsecure (no effluent treatment)	0	
Water contacts with	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within	0 None 0	3 Secure (effluent treatment) 1	6 Unsecure (no effluent treatment) 2	0	
vater contacts with depuration facilities	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management	0 None 0	3 Secure (effluent treatment) 1 2	6 Unsecure (no effluent treatment) 2 6	0 0 0	
vater contacts with depuration facilities	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites	0 None 0 0	3 Secure (effluent treatment) 1 2 4	6 Unsecure (no effluent treatment) 2 6 8	0 0 0	
Water contacts with depuration facilities	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites Sites operating from single shorebase	0 None 0 0 0	3 Secure (effluent treatment) 1 2 4 2 or 3	6 Unsecure (no effluent treatment) 2 6 8 8 ≥ 4	0 0 0	
Water contacts with depuration facilities Biosecurity Contacts with other	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites	0 None 0 0 0 0 1	3 Secure (effluent treatment) 1 2 4 4 2 or 3 1	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2	0 0 0 0	
Water contacts with depuration facilities	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites Sites operating from single shorebase	0 None 0 0 0 1 0	3 Secure (effluent treatment) 1 2 4 2 or 3 1 1	6Unsecure (no effluent treatment)268≥ 425	0 0 0 0	
Water contacts with depuration facilities	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites Sites operating from single shorebase Sites sharing staff and equipment	0 None 0 0 0 1 0	3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes 0	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No		
depuration facilities Biosecurity Contacts with other	Areas Number of destinations Depuration of stock from own sites within MSS management area Depuration of stock from other businesses sites within MSS management area Depuration of stock from sites outwith MSS management area Number of sites Sites operating from single shorebase Sites sharing staff and equipment	0 None 0 0 0 1 0	3 Secure (effluent treatment) 1 2 4 2 or 3 1 1 1 Yes	6 Unsecure (no effluent treatment) 2 6 8 ≥ 4 2 5 No		

Case No:	2022-0551]		Date of visit:	07/11/2022]		
Site No:	SS0940]		Inspector:		I		
Results Summary	Freq.				te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	_							
			-					
	_		-		-			
			-		-			
	_							
	_							

Report Summary		1	
Case Type	Date	Insp	2 nd Insp
ECI	16/11/202	2	
		-	
		_	
		_	





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO SB0569 SITE NO SS0940 CASE NO 20220551 DATE OF VISIT 07/11/2022 SITE NAME INSPECTOR

Rastech St Andrews

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Signed:

Date: 16/11/2022

Fish Health Inspector

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

FHI 059, Version 13	lssu	ued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0552			Date of visit: 08/11/2022
Time spent on site:	hr	Main I	nspector:
Site No: FS0168 Business No: FB0388	Site Name: Business Name:	Belton Ford Belhaven Trout Compa	any Ltd
Case Types: 1 ECI	2 CNI 3	4 5	6
Water Temp (°C): 12.1	Thermometer No:	T152	FHI 045 completed
Observations:	Region: LO	Water type: F	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?		Y If yes, see addition	nal information/clinical score sheet. nal information/clinical score sheet. nal information/clinical score sheet.
UNI/REG only - if unable to carry	/ out intended visit detail rea	ason below:	

FHI 059, Version 13 Additional Case Information:

Site is flow through and is fed by Biel Water. Screens are positioned at each inlet and outlet to prevent escape of stock. The site is surrounded by a perimeter fence, lockable gate and is monitored with CCTV 24/7. Individual top nets are available to cover the ponds and protect the stock from predation by birds if required.

Site hasn't conducted any treatments since the last inspection. No medicine is held on site.

Site receives fish from England and supplies local put and take fisheries.

Fish on site were active in the ponds and responded well to feed. However, there were several blind fish and fish with fin damage observed in all the ponds. 2-3 mortalities were also observed in almost every pond. These were not fresh dead so were not sampled. No moribunds were observed in any of the ponds.

Some fish were observed with parasites on the flank and others were noted to be suffering from a fungal infection.

FHI 059, Version 13			lssu	ed by: FHI			Date of issu	ıe: 12/05/2020
Case No:	2022-0552]	Site No:	FS0168				
Date of Visit:		08/11/2022			Inspector(s):			
Registration/Autho							-	
1. Business/site deta	•	checked by si	ite representa	ative?			Y	
2. Changes made to	details?						Y	
Site Details (includ	e cleaner fis	sh for all secti	ions)					
Total No facilities		20	Facilities sto	cked	14	No facilitie	es inspected	20
Species	RTR	TRO						
Age group	2020	2020						
No Fish	12,429	221						
Mean Fish Wt	830g	450g						
Next Fallow Date (S		No plan.		Next Input Da		Jan 23		
Recent (last 4 wks)	disease prob	lems?		I N	Any escapes	(since last	visit)?	N
If yes, detail:								
5. Are records complete and correctly entered?								Y N/A N/A N/A
1. Mortality records a		•						Y
2. How are mortalitie	es disposed o	of?			Domestic wa	ste - <25kg	J	
If other detail:								
3. Mortality records	•							Y
4. Recent mortality (last 4 wks): 15 fish in the last 4 week period. 278 since last inspection. 5. Evidence of recent increased/atypical mortalities? N								
		••						N
If yes, facility nos/no mortality per facility/no stock per facility/reason:								
6 Any other peaks in	n mortality d	uring pariod ch	aakad2					N
 Any other peaks in If yes, detail: 	n montaility ut	uning period ch	eckeu					T N
7. Have increased (u	(nevolained)	mortalities be	en reported to	ovet or FHI?				N/A
If yes, detail action:) /0101111.				
8. Have 'mortality ev	ents' been re	eported to FHI	? If no. enter	details on mort	ality events sh	neet.		N/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	N
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	N
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	N/A
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?	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: 13/10/2021 - 08/11/2022	

FHI 059, Version 13		issued by: FHI			Date	or issue.	12/05/2020
Case Number:	2022-0552		Site No:	FS0168		Insp:	
Date of Visit	08/11/2022		No of mo	ovements/supp./dest.			Score
Live fish movements			0	1-5	6-10	>10	_
Movements on (from out with GB) of susceptible species	-	novements on from equivalent MS	0	5	10	14	0
		novements on from equivalent zone or neuronal neuron neuronal neuron	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
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or	ed (secure water supply through borehole)	0				
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		1
		or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing ow	n fish (re-cycling risk)	1				
	Processing fish	n from MS of equivalent status	2				
	Processing fish equivalent state	n from zone or compartment of us	4				
	Processing fish	n from Category III farm	8				
	Processing fish	n from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0				0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	Inpasteurised feed	0				0
	Feeding unpas	teurised feed	5				
Biosecurity	•	Number of 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 footbaths etc	No		1				1
CoGP/Regulator							
Practices in accordance	Yes		0				
with regulator or industry code of practice	No		3				3
Platform access to cages	Yes		0				0
	No		2				
					Total		25
					Rank		MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020							
Case No: 2022-0552	Site No:	FS0168							
Sea Lice Inspection (Seawater Sites Only)									
 Has the site experienced sea lice problems Is the CoGP Farm Management Area (or ed) 		a vear class basis?							
 Does the site have access to a range of lice azamethiphos and emamectin benzoate) as a can these be deployed in a reasonable period 	enced in-feed and bath sea lice medications (well as access to suitable biological and/or me	including deltamethrin,							
4. Is there a signed documented farm manage Management Area (or equivalent)?	4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?								
5. Are sea lice count records available for insp	pection? (Legal SSI, CoGP Annex 6)								
6. Do records adequately reflect the required	standard specified in the SSI and the CoGP?	(Legal SSI, CoGP Annex 6)							
7. Are sea lice (<i>L. salmonis</i>) record levels believels are inspected? (CoGP Annex 6)	ow the suggested criteria for treatment in the	CoGP during the period that							
8. Have average adult female sea lice (<i>L. salr.</i> 2 or above (from w/b 10/6/19) during the period		or above (prior to w/b 10/6/19) or							
If yes, have these been reported to the Fish H 9. Is <i>C. elongatus</i> infestation at a level which	· ·	blems? (CoGP 4.3.81, 5.3.50)							
10. Have therapeutic treatments been administ suggested criteria for treatment or where <i>C. e</i>									
 Has any other action been taken (where a Have therapeutic treatments or the actions Are treatments, where conducted, carried 	s taken had a significant impact upon the lice								
14. Is there a harvesting strategy for the site, sea lice?									
15. Is there a site specific written lice manage scenarios during the escalation of a sea lice in		t actions to deal with recognised							
16. Do the sea lice levels observed on stocks	reflect sea lice count data? If no please detai	I reasons.							
Containment Inspection 1. Has the site experienced equipment damage	ge due to predators in the current or previous	production cycles? N							
2. Are measures in place to mitigate against the	· · · ·	ow) Y							
Perimeter fence Top nets If other, detail below:	Sceens at inlets and outlets								
 Have escape incidents or events been exp If Yes proceed with questions 4 – 9. If No skip 	-	the last FHI inspection?							
4. Have these been reported to Scottish Minis	•								
5. Have these been reported to local DSFB fo		5 4 17)							
6. Have these been reported to the SSPO and									
7. Were methods (if any) used to recover esca	apees? If yes give detail								
8. If gill nets were deployed was this action ag	reed with local wild fish interests and was per	rmission given by Scottish							
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)									
9. What action was taken to prevent and minin		d in code but could							
be considered under satisfactory measur									
10. Is the site inspected as satisfactory with re	garus to containment? It no, please detail rea	ason(s) Y							

Case No:	2022-0552]		Date of visit:	08/11/2022]		
Site No:	FS0168]		Inspector:		1		
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	ļ							
		<u> </u>						
Report Summary		I	1					

Report Summary			
Case Type	Date	Insp	2 nd Insp
ECI, CNI	11/11/2022		
	_		
	_		





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0388

 SITE NO
 FS0168

 CASE NO
 20220552

DATE OF VISIT08/11/2022SITE NAMEBelton FordINSPECTORInspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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



Signed:

Date: 11/11/2022

Fish Health Inspector

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

FHI 059, Version 13	lse	sued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0553			Date of visit: 08/11/2022
Time spent on site:	30mins	Main Inspecto	or:
Site No: FS0258	Site Name:	Abbey St Bathans Trout Farm	
Business No: FB0127	Business Name:	Abbey St Bathans Trout Farm	
Case Types: 1 OTH	2 3	4 5	6
Water Temp (°C):	Thermometer No:		FHI 045 completed
Observations:	Region: BO	Water type: F	CoGP MA:
Dead/weak/abnormally behavir	ng fish present?	If yes, see additional infor	mation/clinical score sheet.
Clinical signs of disease observ	/ed?		mation/clinical score sheet.
Gross pathology observed?		If yes, see additional infor	mation/clinical score sheet.
Diagnostic samples taken?			
UNI/REG only - if unable to car	ry out intended visit detail re	eason below:	

FHI 059, Version 13 Additional Case Information:

Site was attended to conduct a VMD MIX inspection, however, inspector was informed upon arrival that site hasn't mixed medicated feedstuff for at least 10 years and that the VMD licence to mix medicated feedstuff expired in March 22 and was intentionally not renewed. There is no intention to mix medicated feedstuff at the site in the future.

Case No:	2022-0553	Date of visit: 08/11/2022						
Site No:	FS0258]		Inspector:		I		
Results Summary	Freq.				te of Notifica			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
			-					
			-					
			-					
	1							
Report Summary								

Report Summary			
Case Type	Date	Insp	2 nd Insp
OTHER	11/11/2022	2	
		-	
		-	
	-	-	
		-	
	-		
	+		





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No FB0127 SITE NO FS0258 CASE NO 20220553

SITE NAME INSPECTOR

DATE OF VISIT 08/11/2022 Abbey St Bathans Trout Farm

Date: 15/11/2022

Site was attended to conduct a VMD MIX inspection, however, inspector was informed upon arrival that the site hasn't mixed medicated feedstuff for at least 10 years and that the VMD licence to mix medicated feedstuff expired in March 22 and was intentionally not renewed. There is no intention to mix medicated feedstuff at the site in the future.

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



Signed:

R10

Fish Health Inspector

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

FHI 059, Version 13	Issue	ed by: FHI	Date of issue: 12/05/2020			
Case No: 2022-0554			Date of visit: 09/11/2022			
Time spent on site:	45mins	Main Inspec	otor:			
Site No: FS1314 Business No: FB0568	Site Name: Business Name:	Roslin Institute Hatchery The Roslin Institute				
Case Types: 1 REG	23	4 5	6			
Water Temp (°C):	Thermometer No:		FHI 045 completed			
Observations:	Region: CE	Water type: F	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 car	ry out intended visit detail reas	son below:				
	Site curr	rently fallow.				

FHI 059, Version 13 Additional Case Information:

Ova that successfully hatch are moved to the businesses AGRF-A site where they were rasied and culled on site prior to disposal via the universities clinical waste route.

The site was fallow at the time of inspection and the business is currently petitioning for an alternative site for the hatchery. Site is to be made inactive at the request of the business.

Staff are shared between the businesses 3 sites, but will only ever be on one site per day. Site specific PPE is available for staff at each site.

FHI 059, Version 13			lssu	ied by: FHI			Date of issue	e: 12/05/2020
Case No:	2022-0554]	Site No:	FS1314	ŀ			
Date of Visit:		09/11/2022	2		Inspector(s):			
Registration/Author							-	
 Business/site deta Changes made to 	•	checked by s	ite representa	ative?			Y Y	
2. Onungeo made le	dotano.							
Site Details (include	e cleaner fis	h for all sect						
Total No facilities		1	Facilities sto	cked	0	No facilitie	es inspected	1
	N/A							
Age group No Fish								
Mean Fish Wt								
Next Fallow Date (Sit	ta)	Currently fall		Next Input Da	ata (Site)	No plan.		
Recent (last 4 wks) d	•		0.		Any escapes		visit)?	N
If yes, detail:		61113 :			Any escapes		visit):	
Movement Records 1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? If yes, is there a system in place for maintenance of transportation records? Mortality Records								Y N/A N/A Y
1. Mortality records a		•						Y
2. How are mortalitie	· ·				Other (detail)			
				ocation on camp	pus (but off sit	te).		X
3. Mortality records c	•	•						Ŷ
4. Recent mortality (I	,		None.					N
5. Evidence of recent If yes, facility nos/no		· ·		droocon:				N
	monality per	Tacility/10 Sto	CK per lacinty	/leason.				
6. Any other peaks in	n mortality du	rina period ch	necked?					N
If yes, detail:		1113 Polito	100.100.1					
7. Have increased (u	inexplained)	mortalities be	en reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality eve	ents' been re	ported to FHI	? If no, enter	details on mort	tality events sl	neet.		N/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	N
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	N/A
4. Are fish in a withdrawal period?	N/A
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	N/A
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?	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: 12/10/2021 - 09/11/2022	

Case Number:	2022-0554		Site No:	FS1314		Insp:	
Date of Visit	09/11/2022		No of m	supp./dest.		Score	
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	C
with GB) of susceptible species	compartment in	novements on from equivalent zone or ncluding third country	0	9	18	26	g
	Number of sup	pliers	0	5	10	14	5
Movements off	Frequency of n		0			10	6
	Number of des		0			10	3
Exposure via water	I= · · ·	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same	disinfection or		0				0
diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		
	farms upstream	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		C
On farm processing within the rules of the directive	No on farm pro	ocessing	0				0
	Processing ow	n fish (re-cycling risk)	1				
	Processing fish	n from MS of equivalent status	2				
	Processing fish equivalent state	n from zone or compartment of us	4				
	Processing fish	n from Category III farm	8				
	Processing fish	n from Category V farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0				0
products	Common proce	esses with other farms	3				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	Inpasteurised feed	0				0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	5 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		1
Disinfection of equipment	Yes		0				C
between sites, use of footbaths etc	No		1				
CoGP/Regulator	<u> </u>			<u>_</u>			
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				C
	No		2				
					Total Rank		25 MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0554	Site No	p: FS1314
Sea Lice Inspection (Seawater Sites Only)		
1. Has the site experienced sea lice problems	in the previous 4 years?	
2. Is the CoGP Farm Management Area (or e	quivalent) fallowed synchronously on a sing	le year class basis?
3. Does the site have access to a range of lic		
azamethiphos and emamectin benzoate) as can these be deployed in a reasonable period		nechanical control measures, and
4. Is there a signed documented farm manag Management Area (or equivalent)?	ement agreement or statement relevant to th	e site and CoGP Farm
5. Are sea lice count records available for ins		
6. Do records adequately reflect the required	standard specified in the SSI and the CoGP	? (Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels be records are inspected? (CoGP Annex 6)	ow the suggested criteria for treatment in the	e CoGP during the period that
8. Have average adult female sea lice (<i>L. sali</i> 2 or above (from w/b 10/6/19) during the period		or above (prior to w/b 10/6/19) or
If yes, have these been reported to the Fish H	lealth Inspectorate? If no, FHI see comment	
9. Is <i>C. elongatus</i> infestation at a level which	is considered to cause significant welfare pr	oblems? (CoGP 4.3.81, 5.3.50)
10. Have therapeutic treatments been admini suggested criteria for treatment or where <i>C</i> .		
11. Has any other action been taken (where a		
12. Have therapeutic treatments or the action	s taken had a significant impact upon the lic	e levels recorded?
13. Are treatments, where conducted, carried	out in cooperation between participating far	ms?
14. Is there a harvesting strategy for the site, sea lice?	where fewer populations or part populations	are held without treatment for
15. Is there a site specific written lice manage scenarios during the escalation of a sea lice it		et actions to deal with recognised
16. Do the sea lice levels observed on stocks	reflect sea lice count data? If no please deta	ail reasons.
Containment Inspection 1. Has the site experienced equipment damage	a due to produtors in the current or provinu	a production evolog?
2. Are measures in place to mitigate against t		
If other, detail below:		
 Have escape incidents or events been exp 	perienced on or in the vicinity of the site since	e the last FHI inspection?
If Yes proceed with questions 4 – 9. If No skip	•	
4. Have these been reported to Scottish Minis	sters?	
5. Have these been reported to local DSFB for		
6. Have these been reported to the SSPO and	d local fisheries trusts forthwith (where they e	exist)? (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 ag Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	greed with local wild fish interests and was p	ermission given by Scottish
9. What action was taken to prevent and mini	mise the risk of further escapes? (Not cover	ed in code but could
be considered under satisfactory measure		
10. Is the site inspected as satisfactory with re		eason(s)

Case No:	2022-0554]		Date of visit:	09/11/2022]			
Site No:	FS1314]	Inspector:						
Results Summary	Freq.	1		Da	te of Notifica	tion			
,	•	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
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			-				-		
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Report Summary				1					
Report Summary Case Type REG Amended EHR	Date	Insp	2 nd Insp						
REG	16/11/2022		z 1115p						
Amended FHR	25/01/2023								





AMENDED FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0568

 SITE NO
 FS1314

 CASE NO
 20220554

DATE OF VISIT09/11/2022SITE NAMERoslin Institute HatcheryINSPECTOR

This report replaces the fish health report R04 issued on 17th November 2022. The previous report should be discarded.

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

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.

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

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

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

R04

Signed:

Date: 25/01/2023

Fish Health Inspector

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

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2022-0555			Date of visit: 09/11/2022			
Time spent on site:	45mins	Main In	spector:			
Site No: FS1347 Business No: FB0568	Site Name: Business Name:	AGRF (Hatchery - RAS The Roslin Institute	A)			
Case Types: 1 ECI	2 CNI 3	4 5	6			
Water Temp (°C): 12.1	Thermometer No:	Site	FHI 045 completed			
Observations:	Region: LO	Water type: F	CoGP MA:			
Dead/weak/abnormally behaving fish present?NIf yes, see additional information/clinical score sheet.Clinical signs of disease observed?NIf yes, see additional information/clinical score sheet.Gross pathology observed?NIf yes, see additional information/clinical score sheet.Diagnostic samples taken?N						
UNI/REG only - if unable to carr	y out intended visit deta	il reason below:				

Additional Case Information:

Stock on site appeared in good physical health at the time of inspection and were active in the tanks. RTR are scheduled to be moved off to CEFAS before February 23, at which point the remaining SAL stock will be split among all the tanks to reduce stocking densities.

Business plan was to move the SAL off onto FS1353 which was intended to be the disease challenge room. However, there have been difficulties with the home office license so currently the business is unsure when this will happen, but hopes by the begining of 2023.

No movements off site. Animals are culled on site, stored in autoclave bags in a freezer located on site and disposed of via the universities approved clinical waste route.

No treatments are conducted on the site and so no medicines are stored.

Staff are shared between the businesses 3 sites, but will only ever be on one site per day. Site specific PPE is available for each site that is shared by staff.

FHI 059, Version 13			lssu	ued by: FHI			Date of issue	e: 12/05/2020
Case No:	2022-0555]	Site No:	FS1347				
Date of Visit:		09/11/2022]		Inspector(s):			
Registration/Autho								
 Business/site deta Changes made to 	•	checked by si	ite representa	ative?			Y	
Ŭ								
Site Details (includ	e cleaner fis		_ *	-lead	10		increated	17
Total No facilities Species	SAL	16 & hatch RTR	Facilities sto	cked	12	No facilitie	es inspected	17
Age group	2022	2022						
No Fish	2,092	640						
Mean Fish Wt	40g	35g						
Next Fallow Date (S		Unsure.		Next Input Da	ate (Site)	No plan.		
Recent (last 4 wks)	disease prob	lems?		N	Any escapes	s (since last	visit)?	N
If yes, detail:								
Movement Records 1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? If yes, is there a system in place for maintenance of transportation records?								Y Y N/A N/A Y
1. Mortality records a		•						Y
2. How are mortalitie					Other (detail)	,		
				ocation on cam	pus (but off sit	te).		V
3. Mortality records of	•							
 4. Recent mortality (5. Evidence of recent 	• •			he last 4 weeks	5.			N
If yes, facility nos/no		••		droason:				
	monality pe	Tacility/no sto	ck per lacinty	/leason.				
6. Any other peaks in If yes, detail:	n mortality du	uring period ch	ecked?					N
7. Have increased (u	unexplained)	mortalities bee	en reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	eported to FHI	? If no, enter	details on mor	tality events sl	heet.		N/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	N/A
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	N/A
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	N/A
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 aquaculture animals held on site?	Y
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?	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: 21/10/2021 - 09/11/2022	

FHI 059, Version 13		Issued by: FHI			Date	orissue	: 12/05/2020
Case Number:	2022-0555		Site No:	FS1347		Insp:	
Date of Visit	09/11/2022		No of mo	ovements/s	supp./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 not	0	9	18	26	0
	Number of sup		0	5	10	14	0
Movements off	Frequency of n	novements off	0	3	6	10	0
	Number of des		0	3	6	10	0
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or	ed (secure water supply through corehole)	0				0
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		
		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				
	Processing fish	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				
	Collection poin	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0				0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites		from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total		2
					Rank		LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2022-0555	Site N	p: FS1347
Sea Lice Inspection (Seawater Sites Only)		
1. Has the site experienced sea lice problems		
 Is the CoGP Farm Management Area (or e Does the site have access to a range of lice azamethiphos and emamectin benzoate) as can these be deployed in a reasonable period 	enced in-feed and bath sea lice medications well as access to suitable biological and/or r	(including deltamethrin,
4. Is there a signed documented farm manage Management Area (or equivalent)?	ement agreement or statement relevant to th	ne site and CoGP Farm
 5. Are sea lice count records available for ins 6. Do records adequately reflect the required 		? (Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels bel records are inspected? (CoGP Annex 6)	low the suggested criteria for treatment in th	e CoGP during the period that
8. Have average adult female sea lice (<i>L. sali</i> 2 or above (from w/b 10/6/19) during the perio	· ·	or above (prior to w/b 10/6/19) or
If yes, have these been reported to the Fish H 9. Is <i>C. elongatus</i> infestation at a level which	-	
10. Have the rapeutic treatments been admini suggested criteria for treatment or where C .		
 Has any other action been taken (where a Have therapeutic treatments or the action 	s taken had a significant impact upon the lic	
13. Are treatments, where conducted, carried14. Is there a harvesting strategy for the site, sea lice?		
15. Is there a site specific written lice manage scenarios during the escalation of a sea lice i		et actions to deal with recognised
16. Do the sea lice levels observed on stocks	reflect sea lice count data? If no please det	ail reasons.
Containment Inspection		
1. Has the site experienced equipment damage		
2. Are measures in place to mitigate against t	he predation experienced on site? (Detail be	elow) Y
Site indoors Access controlled If other, detail below:		
3. Have escape incidents or events been explicitly a second with guestions 4 . 0. If Ne skir	•	e the last FHI inspection?
If Yes proceed with questions 4 – 9. If No skip 4. Have these been reported to Scottish Minis	-	
5. Have these been reported to local DSFB for		5 4 17)
6. Have these been reported to the SSPO and	· · · · · ·	· · · · · · · · · · · · · · · · · · ·
7. Were methods (if any) used to recover esc	apees? If yes give detail	
8. If gill nets were deployed was this action ag	greed with local wild fish interests and was p	ermission given by Scottish
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)		
9. What action was taken to prevent and mini		ed in code but could
be considered under satisfactory measure 10. Is the site inspected as satisfactory with re-		eason(s)

Case No:	2022-0555			Date of visit:	09/11/2022]		
Site No:	FS1347	l		Inspector:		1		
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp

Report Summary			
Case Type	Date	Insp	2 nd Insp
Case Type ECI	17/11/2022		





FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0568 SITE NO FS1347 CASE NO 20220555 **DATE OF VISIT** 09/11/2022 SITE NAME INSPECTOR

AGRF (Hatchery - RAS A)

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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



Signed:

Date: 17/11/2022

Fish Health Inspector

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

FHI 059, Version 13	Issue	ed by: FHI	Date of issue: 12/05/2020	
Case No: 2022-0556			Date of visit: 09/11/2022	
Time spent on site:	30mins	Main Inspect	or:	
Site No: FS1353 Business No: FB0568	Site Name: Business Name:	AGRF (RAS B) The Roslin Institute		
Case Types: 1 REG	2 3	45	6	
Water Temp (°C):	Thermometer No:		FHI 045 completed	
Observations:	Region: LO	Water type: F	CoGP MA:	
Dead/weak/abnormally behaving fish present? If yes, see additional information/clinical score sheet. Clinical signs of disease observed? If yes, see additional information/clinical score sheet. Gross pathology observed? If yes, see additional information/clinical score sheet. Diagnostic samples taken? If yes, see additional information/clinical score sheet.				
UNI/REG only - if unable to car	•			
	Site cur	rently fallow.		

This site was intended to be used for disease challenge work, however due to difficulties with the home office licence, the site hasn't been used since authorisation in 2021.

Business is aware of requirement to notify the FHI in advance of any disease work beginning.

Business is hoping the site will be operational by early 2023.

No movements on or off site since authorisation.

FHI 059, Version 13		Issue	ed by: FHI			Date of issue	e: 12/05/2020
Case No: 20	22-0556	Site No:	FS1353]			
Date of Visit:	09/11/2022			Inspector(s):			I
Registration/Authorisa						_	_
 Business/site details Changes made to details 		te representa	tive?			Y Y	-
						1	J
Site Details (include c		ons)		-	_		
Total No facilities	16	Facilities stor	cked	0	No facilitie	es inspected	16
Species N//	A						
Age group							
No Fish							
Mean Fish Wt							
Next Fallow Date (Site)	Currently falle	ow.	Next Input Da		Unsure.	:-:()0	N1/A
Recent (last 4 wks) dise	ease problems?		IN/A	Any escapes	(since last	VISIT)?	N/A
Movement Records 1. Movement records av 2. Date of last inspectio 3. Are records complete 4. Are movement record 5. Are records complete 6. Are health certificates Transport Records 1. Are any movements of	n: e and correctly entered? ds available for dead fish e and correctly entered? s for introductions (outw carried out by (or on beh	ith GB) availa nalf) of the bu	siness (not usi			12/10/2021	N/A N/A N/A N/A N/A
If yes, is there a system	in place for maintenance	e of transpor	tation records?	(N/A
Mortality Records							
1. Mortality records available							N/A
2. How are mortalities d	•		.,.	Other (detail)			
If other detail: Mo 3. Mortality records com	ortalities will be incinerat		versities appro	oved clinical w	aste route.		N/A
4. Recent mortality (last	· · · ·		er been stocke				
5. Evidence of recent in			er been slocke	u.			N/A
If yes, facility nos/no mo	•••		reason.				
		on por raointy,					
6. Any other peaks in m	ortality during period ch	ecked?					N/A
If yes, detail:							<u> </u>
7. Have increased (une	xplained) mortalities bee	en reported to	vet or FHI?				N/A
If yes, detail action:							
8. Have 'mortality events	s' been reported to FHI?	If no, enter o	details on mort	ality events sh	neet.		N/A

Treatments and Medicines Records	
1. Recent treatments (see comment)?	N/A
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	N/A
3. Are records complete and correctly entered?	N/A
4. Are fish in a withdrawal period?	N/A
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	N/A
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?	N/A
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N/A
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: 12/10/2021 - 09/11/2022	

Case Number:	2022-0556	Site No:	FS1353		Insp:	
Date of Visit	09/11/2022	No of m	ovements/s	supp./dest.		Score
Live fish movements		0	1-5	6-10	>10	
Movements on (from out	Frequency of movements on from equivalent MS	0	5	10	14	C
with GB) of susceptible species	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	C
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	0
	Number of destinations	0	3	6	10	0
Exposure via water	Site contact	s 0	1-5	6-10		
Water contacts with other farms (holding species	Farm is protected (secure water supply through disinfection or borehole)	0				0
susceptible to same diseases)	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	s O	1	2		0
On farm processing within	No on farm processing]			0
the rules of the directive	Processing own fish (re-cycling risk)	1	-			
	Processing fish from MS of equivalent status	2	-			
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8	5			
	Processing fish from Category V farm	10				
	Site's own waste only processed.	0				
products	Common processes with other farms	3	5			3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0	1			0
	Feeding unpasteurised feed	5	5			
Biosecurity	Number of site	s 1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		1
	Sites sharing staff and equipment	0	1	2		1
Disinfection of equipment between sites, use of	Yes	0	,			0
footbaths etc	No	1]			
CoGP/Regulator		_	-			
Practices in accordance with regulator or industry	Yes	0				
code of practice	No	3				3
Platform access to cages	Yes	0				0
	No	2				
				Total		8
				Rank		LOW

Case No:	2022-0556			Date of visit:	09/11/2022]		
Site No:	FS1353			Inspector:				
	1-	_						
Results Summary	Freq.	Database	Insp	Da Phone	te of Notifica Insp	tion Writing	Insp	o nd Is an
		Dalabase	шэр	FIIUIIE	шэр	witting	пър	2 nd Insp
							-	
							-	
							-	
Report Summary								
Case Type REG	Date	Insp	2 nd Insp					
REG	17/11/2022							
Amended FHR	25/01/2023							





SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0568

 SITE NO
 FS1353

 CASE NO
 20220556

DATE OF VISIT 09/11/2022 SITE NAME AGRF (RAS B) INSPECTOR

This report replaces the fish health report R04 issued on 17th November 2022. The previous report should be discarded.

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

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

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

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

Signed:

Date: 25/01/2023

Fish Health Inspector

R04

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/