FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020				
Case No: 2024-0056			Date of visit: 04/03/2024				
Time spent on site:	1	Main II	nspector:				
Site No: FS1336 Business No: FB0169	Site Name: Business Name:	Applecross Hatchery Bakkafrost Scotland					
Case Types: 1 ECI 2	2 CNI 3	4 5	6				
Water Temp (°C): 12.2 and 13	Thermometer No:	Site	FHI 045 completed Y				
Observations:	Region: HI	Water type: F	CoGP MA:				
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet.							
UNI/REG only - if unable to carry out intended visit detail reason below:							

2023 Fry elevated mortalities: Wk 45 25438 (1.35%) first feeding morts

Fry mortalities for the last 4 weeks wk 10 212 (0.01%), wk 9 2734 (0.17%), wk 8 24822 (1.50%) gut fungus, wk 7 14187 (0.85%)

2023 parr increased mortalities: wk 30 34626 (2.51%) caused by burrowing following a power failure and loss of light.

2023 July parr wk 9 309 (0.02%) wk 8 185 (0.01%) wk 7 140 (0.01%) wk 6 1127 (0.07%)

Gut fungus had caused an increase in fry morts salinity was increased to treat. Salt back ground level increased to 1.3ppt, normally sits at 0.6-0.8 ppt.

Paperwork inspected on the 4th and 5th March 2024, site inspection conducted 5th March 2024

Site thermometer used due to biosecurity protocols. Thermometers are regularly calibrated against a mercury thermometer.

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issue	e: 12/05/2020
Case No:	2024-0056		Site No:	FS1336				
Date of Visit:		04/03/2024]		Inspector(s):			
Registration/Autho	risation Deta	nils						
1. Business/site deta			ite representa	ative?			Υ	1
2. Changes made to	•						Y	
Site Details (include	e cleaner fis				1.5	7		10
Total No facilities		16	Facilities sto	cked	15	No facilitie	s inspected	16
Species	SAL	SAL						
Age group	Fry Nov	Parr 2023						
No Fish	1,630,246	1,585,168						
Mean Fish Wt	0.7	16.2						
Next Fallow Date (Si		Mid may 202	24	Next Input Da	_ ` `	27th May 2		
Recent (last 4 wks) of	disease probl	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
Movement Records 1. Movement records 2. Date of last inspect 3. Are records comp	s available fo ction:	·	,				29/05/2023	Y
4. Are movement red		•		•				Y
5. Are records comp	lete and corre	ectly entered?)					Y
6. Are health certification		•		able?				Y
Transport Records								
1. Are any movemen	nts carried ou	t by (or on be	half) of the bu	ısiness (not usi	ing a STB)?			Y
If yes, is there a syst	tem in place f	or maintenan	ce of transpor	rtation records	?			Y
Mortality Records								
1. Mortality records a	available for i	nspection?						Y
2. How are mortalitie		•			Whole fish -	Dundas Che	emicals	
If other detail:								
3. Mortality records of	complete and	correctly ente	ered?					Y
4. Recent mortality (•	,		al information				
5. Evidence of recen		typical mortal						N
If yes, facility nos/no		• •		/reason:				
			, ,					
6. Any other peaks in	n mortality du	ring period ch	necked?					Y
If yes, detail:		al information						
7. Have increased (u				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.		Y

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?		N
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
Biosecurity records available for inspection?		Y
2. Has the manner and frequency of mortality removal, recording	•	Y
3. Has the manner and period in which the APB will notify Scot	ttish 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 presen		
is detected been included and how and when that will be notified		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		Y
transmission of disease been covered (movement of staff, visit	tors, 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 implement	nted on site?	Y
If no, detail:		
Results of Surveillance		
1. Has any animal health surveillance been carried out by, or o	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: 2	29/5/2023 to 4/3/2024	

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2024-0056		Site No:	FS1336		Insp:	
Date of Visit	04/03/2024		No of me	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
opened .	Number of supp	cluding third country	0		10	14	
DA							10
Movements off	Frequency of m Number of dest		0		6	10	3
Exposure via water	Trambor or door	Site contacts			6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through porehole)	0				0
susceptible to same diseases)		or in a coastal zone with category I or within 1 tidal excursion	1	2	4		
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2	1			
	Processing fish equivalent statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0	1			
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	,]			0
Too or anpaotounous roods	Feeding unpast	•	5				0
Biosecurity		Number of sites	1	J 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2
	Sites sharing st	aff and equipment	0	1	2		2
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator				_			
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total		20
					Rank		MEDIUM

Case No:	2024-0056		Site No:	FS1336	
Sea Lice Inspection (Seawater Sites Only)				
•	nced sea lice problems in the	revious 4 vears?			
·	Management Area (or equivaler	·	n a single ve	ar class basis?	
	access to a range of licenced in				
azamethiphos and em	amectin benzoate) as well as a lin a reasonable period of time	access to suitable biological			es, and
4. Is there a signed do Management Area (or	cumented farm management a equivalent)?	greement or statement relev	ant to the site	e and CoGP Farm	
5. Are sea lice count re	ecords available for inspection?	(Legal SSI, CoGP Annex 6))		
6. Do records adequat	ely reflect the required standar	d specified in the SSI and the	e CoGP? (Le	gal SSI, CoGP Annex	(6)
7. Are sea lice (<i>L. saln</i> records are inspected?	nonis) record levels below the entry (CoGP Annex 6)	suggested criteria for treatme	ent in the Co	GP during the period	that
_	female sea lice (<i>L. salmonis</i>) r 0/6/19) during the period that r	-	evel of 3 or al	pove (prior to w/b 10/6	6/19) or
If yes, have these bee	n reported to the Fish Health In	spectorate? If no, FHI see co	omment.		
9. Is C. elongatus infe	station at a level which is cons	dered to cause significant w	elfare probler	ms? (CoGP 4.3.81, 5.	3.50)
	reatments been administered creatment or where <i>C. elongatu</i>				
11. Has any other action	on been taken (where applicab	e)?			
12. Have therapeutic t	reatments or the actions taken	had a significant impact upo	n the lice leve	els recorded?	
13. Are treatments, wh	nere conducted, carried out in c	ooperation between participa	ating farms?		
14. Is there a harvestir sea lice?	ng strategy for the site, where f	ewer populations or part pop	ulations are l	neld without treatmen	t for
	cific written lice management proscered to scalation of a sea lice infestation		cribing set ac	ctions to deal with reco	ognised
16. Do the sea lice lev	els observed on stocks reflect	sea lice count data? If no ple	ease detail rea	asons.	
Containment Inspect	ion				
	nced equipment damage due t	n predators in the current or	nrevious nro	duction cycles?	N
·	ace to mitigate against the pred		•	addition by cico:	Y
site indoors	too to magato agamet the prod	ation experienced on oite. (I	Dotall Dolow)		
If other, detail below	:				
,					
3. Have escape incide	ents or events been experience	d on or in the vicinity of the s	site since the	last FHI inspection?	N
If Yes proceed with qu	estions 4 – 9. If No skip to que	stion 10			
4. Have these been re	ported to Scottish Ministers?				
5. Have these been re	ported to local DSFB forthwith	(where they exist)? (CoGP -	4.4.37, 5.4.	17)	
6. Have these been re	ported to the SSPO and local f	sheries trusts forthwith (whe	re they exist)	? (CoGP – 4.4.37, 5.4	4.17)
7. Were methods (if ar	ny) used to recover escapees?	If yes give detail			
O If will make	lavoral visco this getter arms 1 1	the local suital field interest	d	aian airean ber Occur	L.
Ministers? (Legal, CoC	, and the second		·		
	cen to prevent and minimise the		ot covered in	code but could	
	er satisfactory measures of the				
10. Is the site inspecte	ed as satisfactory with regards t	o containment? If no, please	detail reason	n(s)	Υ

Issued by: FHI

FHI 059, Version 13

Case No:	2024-0056			Date of visit:	04/03/2024				
Site No:	FS1336	Inspector:							
Results Summary	Freq.	Database	Insp	Phone Da	te of Notifica Insp	tion Writing	Insp	and I	
		Dalabase	шър	FIIONE	шър	vviitiig	шър	2 nd Insp	
							-		
							-		
							-		
Report Summary				1					
Case Type	Date	Insp	2 nd Insp	1					
ECI,CNI	15/03/2024								

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0169 Date of Visit 04/03/2024

SITE NO FS1336 SITE NAME Applecross Hatchery

CASE NO 20240056 INSPECTOR

Approores Flatori

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 Directorate 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.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 15/03/2024
Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at <u>Fish Health Inspectorate Service Charter - gov.scot</u> (www.gov.scot)

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020				
Case No: 2024-0057			Date of visit: 04/03/2024				
Time spent on site:	Om .	Main In	spector:				
Site No: FS1333 Business No: FB0169	Site Name: Business Name:	Applecross Incubation U Bakkafrost Scotland	Init				
Case Types: 1 ECI 2	2 CNI 3	4 5	6				
Water Temp (°C): 5.1	Thermometer No:	Site	FHI 045 completed Y				
Observations:	Region: HI	Water type: F	CoGP MA:				
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet.							
UNI/REG only - if unable to carry out intended visit detail reason below:							

Mortalities for the last three weeks: wk 9 4153 (0.27%), wk 8 32279 (2.07%), wk 7 11274 0.72%) (site only stocked three weeks ago).

Site recently stocked with Stofenfiskur and Aquagen ova, inputs earlier in the year from Ormsary (Hebridean stock type).

Stock only moved to Applecross Hatchery for on-growing.

Site thermometer used due to biosecurity protocols.

Paperwork completed on the 4/3/2024 and site inspected on the 5/3/2024.

FHI 059, Version 13	i e		Issu	ed by: FHI			Date of issu	ue: 12/05/2020
Case No:	2024-0057		Site No:	FS1333	В			
Date of Visit:		04/03/2024]		Inspector(s)			•
Registration/Author	orisation Deta	ails						
1. Business/site det			ite representa	ative?			Υ	7
2. Changes made to	o details?	·					Υ	1
Site Details (includ	de cleaner fis	h for all sect	ions)					
Total No facilities	0.000	Hatchery	Facilities sto	ocked	7	No facilitie	es inspected	10
Species	Ova	,		T		110 100	Г	
Age group	Feb-24							
No Fish	1,524,112							
Mean Fish Wt	N/a							
Next Fallow Date (S		Mid May 202	4	Next Input Da	ate (Site)	27/5/2024		
Recent (last 4 wks)	•				Any escapes			N
If yes, detail:					, , ,		,	
2. Date of last inspect 3. Are records complete. Are movement respectively. Are records complete. Are health certification. Transport Records 1. Are any movement of yes, is there a system.	plete and correctords availabelete and corrected for introduced in the corrected output to the correct	le for dead fis ectly entered? ductions (outwork to by (or on be)	h and waste? vith GB) availa	able? usiness (not us	-		05/10/2022	Y
Mortality Records 1. Mortality records	available for i	aanaatian?						
•		•			Whole fish -	Dundae Ch	omicals	<u>'</u>
How are mortaliti If other detail:	es disposed o	1 f			WHOLE HISTI -	Dunuas Cn	erricais	
3. Mortality records	complete and	correctly ent	ared?					
4. Recent mortality		Correctly erite		al commente				'
 Kecent mortality Evidence of receive 	•	typical mortal		al comments				I N
If yes, facility nos/no		* *		dreason:				
ir yes, racility 1105/110	Thortainly per	Tacility/110 Sto	ck per racility	71605011.				
6. Any other peaks	in mortality du	ring period ch	ecked?					N
If yes, detail:	upovaloinod)	martalitias ba	on reported to	o yet or EUI2				N/A
7. Have increased (If yes, detail action:	unexplained)	mortanties be	en reported to	Vel OI FII!				IN/A
8. Have 'mortality e	vents' been re	ported to FHI	? If no enter	details on mor	tality events s	heet		N/A
o lavo mortality c	. 57110 5001110	P31104 10 1 1 11	,	astano on mon	canty of onto			1.771

Touristic and I May Parkers Bases In
Treatments and Medicines Records 1. Recent treatments (see comment)?
Triboon a saunono (see semmony).
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? Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any
increased (unexplained) mortality at the site been included?
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher
health status, certification if required)?
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?
7. Is documentation available regarding the measures in place to maintain the physical containment of
aquaculture animals held on site?
8. Have the biosecurity procedures been adequately implemented on site?
If no, detail:
Results of Surveillance
Nas 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).
ir you, actair (ir not actailed ander recent discuss problems).
Records checked between: 5/10/2022 to 4/3/2024

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2024-0057		Site No:	FS1333		Insp:	
Date of Visit	04/03/2024		No of m	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species		novements on from equivalent zone or	0	0	4.0	26	0
Species	Number of sup	ncluding third country	0		18 10	26 14	9
Movements off	Frequency of m		0		6	10	3
Exposure via water	Individues	Site contacts			6-10		
Water contacts with other	Farm is protect	ed (secure water supply through					
farms (holding species	disinfection or l	porehole)	0				0
susceptible to same 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 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	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	Ī			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	1			0
	Feeding unpas	teurised feed	5				
Biosecurity	•	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2
	Sites sharing s	taff and equipment	0	1	2		2
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	1			0
	No		2				
					Total		27
					Rank		HIGH

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2
Case No: 2024-00	057 Site	No: FS1333
Sea Lice Inspection (Seawater	Sites Only)	
-	ice problems in the previous 4 years?	
·	nt Area (or equivalent) fallowed synchronously on a sir	ngle vear class basis?
·	a range of licenced in-feed and bath sea lice medication	
	enzoate) as well as access to suitable biological and/or	
4. Is there a signed documented Management Area (or equivalent	farm management agreement or statement relevant to)?	the site and CoGP Farm
	ilable for inspection? (Legal SSI, CoGP Annex 6) the required standard specified in the SSI and the CoG	P? (Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) records are inspected? (CoGP A	ord levels below the suggested criteria for treatment in t	the CoGP during the period that
•	a lice (<i>L. salmonis</i>) numbers per fish been at a level of ring the period that records are inspected?	3 or above (prior to w/b 10/6/19) or
•	to the Fish Health Inspectorate? If no, FHI see comme a level which is considered to cause significant welfare	
	been administered or other actions taken when <i>L. salm</i> or where <i>C. elongatus</i> is considered to have welfare im	
11. Has any other action been ta	ken (where applicable)?	
12. Have therapeutic treatments	or the actions taken had a significant impact upon the I	ice levels recorded?
13. Are treatments, where condu	cted, carried out in cooperation between participating fa	arms?
14. Is there a harvesting strategy sea lice?	for the site, where fewer populations or part population	ns are held without treatment for
15. Is there a site specific written scenarios during the escalation of	lice management procedure with waypoints describing of a sea lice infestation?	set actions to deal with recognised
16. Do the sea lice levels observ	ed on stocks reflect sea lice count data? If no please de	etail reasons.
Containment Inspection		
	oment damage due to predators in the current or previo	nus production cycles?
	ate against the predation experienced on site? (Detail I	
site indoors	J. J	,
If other, detail below:		
•	nts been experienced on or in the vicinity of the site sin	nce the last FHI inspection?
If Yes proceed with questions 4 -	• •	
4. Have these been reported to \$		7.5.4.47\
	ocal DSFB forthwith (where they exist)? (CoGP – 4.4.3	
6. Have these been reported to t	ne SSPO and local fisheries trusts forthwith (where the	y exist)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to	recover escapees? If yes give detail	
8 If all nets were deployed was	this action agreed with local wild fish interests and was	permission given by Scottish
Ministers? (Legal, CoGP – 4.4.38		politicolori given sy decition
	ent and minimise the risk of further escapes? (Not cove	ered in code but could
be considered under satisfac		
10. Is the site inspected as satisf	actory with regards to containment? If no, please detail	reason(s)

Case No:	2024-0057			Date of visit:	04/03/2024				
Site No:	FS1333	Inspector:							
Results Summary	Freq.	Date of Notification							
resource Summary	. 104.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
Report Summary									
Case Type	Date	Insp	2 nd Insp						
ECI,CNI	15/03/2024								

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0169 Date of Visit 04/03/2024

SITE NO FS1333 SITE NAME Applecross Incubation Unit

CASE NO 20240057 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 high. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted annually. The category of the site will be reassessed on a routine basis and updated as required.

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

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

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

Mortality records were inspected and found to be adequately maintained.

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 Directorate since the last Marine Directorate 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.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 15/03/2024
Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at <u>Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)</u>

FHI 059, Version 13	Is	sued by: FHI	Date of issue: 12/05/2020				
Case No: 2024-0058			Date of visit: 04/03/2024				
Time spent on site:	1	Main Ir	nspector:				
Site No: FS1360 Business No: FB0169	Site Name: Business Name:	Applecross Smolt Ongre Bakkafrost Scotland	owing 1				
Case Types: 1 REP 2	REG 3 WEL	4 5	6				
Water Temp (°C):	Thermometer No:		FHI 045 completed				
Observations:	Region: HI	Water type: F	CoGP MA:				
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed?	·	N/A If yes, see additional information/clinical score sheet. N/A If yes, see additional information/clinical score sheet. N/A If yes, see additional information/clinical score sheet. N/A					
Diagnostic samples taken?							
UNI/REG only - if unable to carry out intended visit detail reason below:							

Site visit conducted accompanied by APHA Vet following reports of significant mortalities.

Initial mortality event report was wk 3 50,620 (3.56%), wk 4 30,488 (2.22%), wk 5 147,668 (11.01%).

During stocking of the site there was an issue with the pipework, a burr on a reducer resulted in some physical damage this was replaced and transfers continued without further issue. Mortalities continued to increase post transfer, some fungus was reported but following disease screening furunculosis was identified as the underlying cause of the elevated mortalities. In week 5, on veterinary advice, the fish were transferred to sea (Aird) to reduce the infection pressure within the system. The site was fallowed on the 6/2/2024, A full clean and disinfect was to be completed.

Due to the issues that have occurred onsite, the surveillance frequency could not be assessed appropriately as the frequency of movements on and off site were not representative of normal site operations, the site will remain medium risk.

FHI 059, Version 13		Issued by: FHI Date of issue:						e: 12/05/2020
Case No:	2024-0058		Site No:	FS1360				
Date of Visit:		04/03/2024			Inspector(s):			
Registration/Autho	risation Deta	ils						
1. Business/site deta	ails summary	checked by si	te representa	ative?			Υ	
2. Changes made to details?								
Site Details (includ	e cleaner fisl	n for all secti	ons)					
Total No facilities		4	Facilities sto	cked	0	No facilities	s inspected	4
Species								
Age group								
No Fish								
Mean Fish Wt								
Next Fallow Date (S	ite)	currently fallo)W	Next Input Da	te (Site)	potentially	July 2024	
Recent (last 4 wks)	disease proble	ems?		N/A	Any escapes	(since last v	/isit)?	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 a		•			DAG 1 (* 1	D 1 01		Y
2. How are mortalitie	es disposed of	i?			Whole fish - I	Dundas Che	emicals	
If other detail:		(1 (10					V
3. Mortality records		-						Y
4. Recent mortality (•		Fallow					N1/A
5. Evidence of recent increased/atypical mortalities?							N/A	
If yes, facility nos/no mortality per facility/no stock per facility/reason:								
C. Assorthan made in resortality during maried sheetle dO								V
6. Any other peaks in mortality during period checked? If yes, detail: see additional information								I
oo damend mornador							V	
7. Have increased (unexplained) mortalities been reported to vet or FHI?							1	
If yes, detail action: see additional information 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.								Y
o. Have mortality events been reported to First into, enter details on mortality events sheet.								

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/A				
5. If yes, what treatment(s)?						
If other, detail:						
6. Are medicines stored appropriately?		Y				
c. The medianes stored appropriately:						
Biosecurity Records						
Biosecurity records available for inspection?						
2. Has the manner and frequency of mortality removal, reco	rding and safe disposal been considered?					
3. Has the manner and period in which the APB will notify So	cottish Ministers or veterinary professional of any					
increased (unexplained) mortality at the site been included?	· · · · · · · · · · · · · · · · · · ·					
4. Has the action that will be taken in the event that the pres	sence or suspicion of the presence of a listed disease					
is detected been included and how and when that will be no	otified to Scottish Ministers?					
5. Has the health status of aquaculture animals being stocked	ed on the farm site been covered (equal or higher					
health status, certification if required)?						
6. Have the husbandry and biosecurity measures implement	ted between each epidemiological unit to minimise					
transmission of disease been covered (movement of staff, v	risitors, equipment, live or dead fish etc.)?					
7. Is documentation available regarding the measures in pla	ce to maintain the physical containment of					
aquaculture animals held on site?	'					
8. Have the biosecurity procedures been adequately implem	nented on site?					
If no, detail:						
Results of Surveillance						
1. Has any animal health surveillance been carried out by, o	r on behalf of, the business?					
2. If yes, are results available for inspection?						
3. Any significant results?						
If yes, detail (if not detailed under recent disease problems).						
Records checked between:	27/11/2023 to 9/2/2024					

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2
Case No: 2024-0058	Site No:	FS1360
Sea Lice Inspection (Seawater Sites Only		
Has the site experienced sea lice problem		
·	equivalent) fallowed synchronously on a single	vear class basis?
3. Does the site have access to a range of lie	cenced in-feed and bath sea lice medications (ir s well as access to suitable biological and/or medications)	ncluding 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 ins6. Do records adequately reflect the required	spection? (Legal SSI, CoGP Annex 6) d 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 C	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 per	Ilmonis) numbers per fish been at a level of 3 or iod that records are inspected?	above (prior to w/b 10/6/19) or
•	Health Inspectorate? If no, FHI see comment. h is considered to cause significant welfare prob	lems? (CoGP 4.3.81, 5.3.50)
	nistered or other actions taken when <i>L. salmonis</i> elongatus is considered to have welfare implica	
11. Has any other action been taken (where	applicable)?	
12. Have therapeutic treatments or the actio	ns taken had a significant impact upon the lice le	evels recorded?
13. Are treatments, where conducted, carrie	d out in cooperation between participating farms	9?
14. Is there a harvesting strategy for the site sea lice?	, where fewer populations or part populations ar	e held without treatment for
15. Is there a site specific written lice manag scenarios during the escalation of a sea lice	pement procedure with waypoints describing set infestation?	actions to deal with recognised
16. Do the sea lice levels observed on stock	s reflect sea lice count data? If no please detail	reasons.
Containment Inspection		
1. Has the site experienced equipment dama	age due to predators in the current or previous p	roduction cycles?
2. Are measures in place to mitigate against	the predation experienced on site? (Detail below	v)
Site indoors.		
If other, detail below:		
3 Have escape incidents or events been ex	sperienced on or in the vicinity of the site since the	ne last FHI inspection?
If Yes proceed with questions 4 – 9. If No sk	•	it last i i i inspection:
4. Have these been reported to Scottish Min		
•	forthwith (where they exist)? (CoGP - 4.4.37, 5.	4 17)
•	nd local fisheries trusts forthwith (where they exi	
7. Were methods (if any) used to recover es	capees? If yes give detail	
8. If gill nets were deployed was this action a Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	agreed with local wild fish interests and was perr	nission given by Scottish
9. What action was taken to prevent and mir	nimise the risk of further escapes? (Not covered	in code but could
be considered under satisfactory measurements	ures of the Act)	
10. Is the site inspected as satisfactory with	regards to containment? If no, please detail reas	son(s)

Case No:	2024-0058	Date of visit: 04/03/2024								
Site No:	FS1360	1			Inspector:					
Results Summary	Freq.	Database	Insp	Phone Da	te of Notifica Insp	tion Writing	Insp	and I		
		Dalabase	шър	FIIONE	шър	vviitiig	шър	2 nd Insp		
							-			
							-			
							-			
Report Summary	1		1	1						
Case Type	Date	Insp	2 nd Insp							
REG,REP,WEL	05/04/2024									

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0169 Date of Visit 04/03/2024

SITE NO FS1360 SITE NAME Applecross Smolt Ongrowing 1

CASE NO 20240058 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected following reports of increased mortality by the farm operator. The inspection was conducted in conjunction with a veterinary officer from the Animal and Plant Health Agency (APHA). A separate report will be issued by the Animal and Plant Health Agency.

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.

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

Records

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 Directorate were available for inspection.

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

Medicine records were inspected and found to be inadequately maintained.

The following point was raised with the site representative during the inspection:

 Tricaine Methanesulfonate (TMS) had been administered to stock to conduct check weights, its usage was not recorded in the medicine records. The administration of TMS must be recorded appropriately in the medicine records. Records will be checked at the next inspection.

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 fallow and the measures in place for the containment of stock could not be assessed.

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



The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at <u>Fish Health Inspectorate Service Charter - gov.scot</u> (www.gov.scot)

FHI 059, Version 13	ŀ	ssued by: FHI	Date of issue: 12/05/2020		
Case No: 2024-0059			Date of visit: 04/03/2024		
Time spent on site:	n	Main	Inspector:		
Site No: FS0500 Business No: FB0169	Site Name: Business Name:	Applecross Smolt Unit Bakkafrost Scotland			
Case Types: 1 ECI 2	2 CNI 3 REP	4 WEL 5 VI	MD 6		
Water Temp (°C): 12.7	Thermometer No:	Site	FHI 045 completed Y		
Observations:	Region: HI	Water type: F	CoGP MA:		
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?		n If yes, see additional information/clinical score sheet. n If yes, see additional information/clinical score sheet. n If yes, see additional information/clinical score sheet. n			
UNI/REG only - if unable to carry	out intended visit detail	reason below:			

Inspection conducted with APHA Vet due to elevated mortalities.

Fungus became an issue in January post vaccination with mortality event notifications submitted to the FHI, 2024 wk 5 165,230 (24.53%), wk 6 42,855 (4.47%).

Mortalities for the last four weeks wk 9 36,638 (4.82%), wk 8 16498 (2.12%), wk 7 5965 (0.76%), wk 6 42855 (4.47%)

Two populations within the system LHS March 2023 and LHS May 2023 predominantly May 2023 cohort recorded the highest mortalities.

3 tanks were culled using ms222. 132,682 from tank 4, 68947 from tank 2 and 54024 from tank 7.

Treatments with formalin and salt for the saprolegnia however an issue with the supplier of salt prevented higher levels of salinity being achieved impacting on effectiveness

Furunculosis was confirmed by PCR (report issued on 23/2/2024) a treatment of Aquatet prescribed this was on-going on the day of inspection.

On inspection of the stocks no moribunds were observed, fish were showing a strong feeding response to the medicated feed.

Site thermometer used due to biosecurity protocols, thermometers are regularly checked against a mercury thermometer.

Paperwork inspected on the 4th and 5th March 2024, site inspection and VMD sampling on the 5th March 2024.

FHI 059, Version 13		_	Issu	ed by: FHI		Date of is	sue: 12/05/2020
Case No:	2024-0059		Site No:	FS0500			
Date of Visit:		04/03/2024	l		Inspector(s):		
Registration/Autho	risation Deta	nils					
1. Business/site deta			ite representa	tive?		Y	
2. Changes made to	details?					Υ	
Site Details (includ	o cleaner fis	h for all secti	ions)				
Total No facilities	c cicarici iis	7	Facilities sto	cked	4	No facilities inspected	d 7
Species	SAL	SAL	r dominos sto			Tto radiiii.co iriopodio.	
Age group	Mar-23	May-23					
No Fish	643,943	80,000					
Mean Fish Wt	55.6g	45g					
Next Fallow Date (S	- U	April 2024		Next Input Da	te (Site)	27 May 2024	
Recent (last 4 wks)	•	•		•	, ,	(since last visit)?	N
If yes, detail:		some fungus	3			<u> </u>	
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 a	available for in	nspection?					Y
2. How are mortalities	es disposed o	f?			Whole fish - I	Dundas Chemicals	
If other detail:							
3. Mortality records of	•	correctly ente					Y
4. Recent mortality (see additiona	al comments			
5. Evidence of recer		* *					Y
If yes, facility nos/no mortality per facility/no stock per facility/reason:							
see additional comments							
6. Any other peaks in mortality during period checked?							N
If yes, detail:							
7. Have increased (unexplained) mortalities been reported to vet or FHI? If yes, detail action: disease screening conducted, furunculosis identified and antibiotic administered							Y
If yes, detail action:							
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.							Y

Treatments and Medicines Records						
1. Recent treatments (see comment)?						
If yes, detail: Aquatet and Aquacen						
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)? Aquatet and Aquacen						
If other, detail:						
6. Are medicines stored appropriately?						
Biosecurity Records						
Biosecurity records available for inspection? y						
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?						
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any						
increased (unexplained) mortality at the site been included?						
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease						
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?						
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher						
health status, certification if required)?						
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise						
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?						
7. Is documentation available regarding the measures in place to maintain the physical containment of						
aquaculture animals held on site?						
8. Have the biosecurity procedures been adequately implemented on site?						
If no, detail:						
Results of Surveillance						
1. Has any animal health surveillance been carried out by, or on behalf of, the business?						
2. If yes, are results available for inspection?						
3. Any significant results?						
If yes, detail (if not detailed under recent disease problems).						
Records checked between: 8/11/2023 to 4/3/2024						

Г	HI 059, Version 13							188	ued by: F	ПІ			
	Case no:	2024-00)59	Site No:		FS0500			Date of v Sampling		04/0	03/2024	05/0
	Priority samples:	VI		ВА		PA		MG	Jampiing	HI			
	Time sampling starts/ends:	14:0	0:00	15:0	0:00		Inspecto	or:			VMD No).	15
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
Δ	dd Fish/Pools - click												
	Fish nos	1-25	26-50	51-75	76-100								
		1-23	20-50	31-73	76-100								
	Pool Group Species	SAL	SAL	SAL	SAL								
	Average weight	55g	55g		55g								
	Sex	N/A		N/A	N/A								
	Water Type	FW	FW	FW	FW								
Stock Details		o Couldoran hatchery	Couldoran hatchery	ഗ Couldoran hatchery	Applecross hatchery								
V.	oli acility NO	O	I	ວ	S								

03/2024 Additional Sample Information:													
0 Total Tests assigned 0													
				١									

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2024-0059		Site No:	FS0500		Insp:	
Date of Visit	04/03/2024		No of me	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
	Number of supp	cluding third country	0		10	14	0
DA							10
Movements off	Frequency of m Number of dest		0		6	10	3
Exposure via water	Trambor or door	Site contacts			6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through porehole)	0				0
susceptible to same diseases)		or in a coastal zone with category I or within 1 tidal excursion	1	2	4		
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2	1			
	Processing fish equivalent statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0	1			
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	,]			0
oos or ampaoroamooa roodo	Feeding unpast	•	5				- C
Biosecurity		Number of sites	1	J 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		2
	Sites sharing st	aff and equipment	0	1	2		2
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator				_			
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0]			0
	No		2				
					Total		20
					Rank		MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2
Case No: 2024-0059	Site No:	FS0500
Sea Lice Inspection (Seawater Sites Only)		
Has the site experienced sea lice problem		
	equivalent) fallowed synchronously on a single	vear class basis?
3. Does the site have access to a range of lice	cenced in-feed and bath sea lice medications (is well as access to suitable biological and/or me	ncluding 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	spection? (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 be records are inspected? (CoGP Annex 6)	elow the suggested criteria for treatment in the 0	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>Imonis</i>) numbers per fish been at a level of 3 or iod that records are inspected?	r above (prior to w/b 10/6/19) or
If yes, have these been reported to the Fish	Health Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level which	n is considered to cause significant welfare prob	olems? (CoGP 4.3.81, 5.3.50)
	nistered or other actions taken when <i>L. salmonis</i> elongatus is considered to have welfare implications.	
11. Has any other action been taken (where	applicable)?	
	ns taken had a significant impact upon the lice I	
	d out in cooperation between participating farms	
14. Is there a harvesting strategy for the site, sea lice?	, where fewer populations or part populations a	re held without treatment for
15. Is there a site specific written lice manag scenarios during the escalation of a sea lice	ement procedure with waypoints describing set infestation?	actions to deal with recognised
16. Do the sea lice levels observed on stocks	s reflect sea lice count data? If no please detail	reasons.
Containment Inspection		
•	age due to predators in the current or previous p	production cycles?
	the predation experienced on site? (Detail belo	
Site indoors	The production of positions are the control (2 ordin 2010)	,
If other, detail below:		
· · · · · · · · · · · · · · · · · · ·	perienced on or in the vicinity of the site since t	he last FHI inspection?
If Yes proceed with questions 4 – 9. If No ski	• •	
4. Have these been reported to Scottish Mini		4.47)
·	forthwith (where they exist)? (CoGP – 4.4.37, 5	,
6. Have these been reported to the SSPO ar	nd local fisheries trusts forthwith (where they ex	ist)? (CoGP – 4.4.37, 5.4.17)
7. Were methods (if any) used to recover esc	capees? If yes give detail	
If gill nets were deployed was this action a	agreed with local wild fish interests and was per	mission given by Scottish
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)		
	nimise the risk of further escapes? (Not covered	l in code but could
be considered under satisfactory measured to the cital inspected as actisfactory with		near(a)
To. is the site inspected as satisfactory with I	regards to containment? If no, please detail rea	y y

Case No:	2024-0059			Date of visit:	04/03/2024			
Site No:	FS0500	1		Inspector:				
Results Summary	Freq.	Date of Notification					nd	
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
			-					
Papart Summary				1				
Report Summary Case Type	Date	Insp	2 nd Insp					
ECI,CNI, WEL,REP, VM			2 IIISP					

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0169
 Date of Visit
 04/03/2024 & 5/3/2024

 Site No
 FS0500
 Site Name
 Applecross Smolt Unit

 Case No
 20240059
 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected following reports of increased mortality by the farm operator. The inspection was conducted in conjunction with a veterinary officer from the Animal and Plant Health Agency (APHA). A separate report will be issued by the Animal and Plant Health Agency.

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 Directorate 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.

Signed: Date: 15/03/2024
Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at <u>Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)</u>

FHI 059, Version 13	Ī	Issued by: FHI	Date of issue: 12/05/2020		
Case No: 2024-0060			Date of visit: 05/03/2024		
Time spent on site:	1	Main Inspe	ector:		
Site No: FS0301 Business No: FB0169	Site Name: Business Name:	Couldoran Hatchery Bakkafrost Scotland			
Case Types: 1 ECI 2	2 CNI 3	4 5	6		
Water Temp (°C): 11.9	Thermometer No:	Site	FHI 045 completed Y		
Observations:	Region: HI	Water type: F	CoGP MA:		
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet.					
UNI/REG only - if unable to carry	out intended visit detail	reason below:			

Issues with stock in April following a change in feed, poor growth and increased mortalities were reported, disease screening was conducted no significant pathogens identified. This continued through May with elevated mortalities reported. The fish were transferred to a new diet by the end of May with mortalities reducing.

ERM was identified during June 2023, a second dip vaccination was administered and issue resolved without further treatment though July.

Recirc unit is at 11.5 degrees, remaining tanks at 11.9 degrees. site thermometer used for biosecurity, thermometers are calibrated by biology department, also hand held probe used to calibrate as well.

Peaks in mortality 2023 wk 9 2643 (1.24%) Fungus, wk 17 13641 (0.97%), wk 18 66599 (4.77%), wk 19 72492 (5.45%), wk 20 96736 (7.96%), wk 21 (95941 (8.26%), wk 22 51208 (4.81%),

Mort last four weeks wk 10 828 (0.03%), wk 9 3599 (0.14%), wk 8 8762 (0.33%), wk 7 5978 (0.23%) mainly first feeding poor doers.

FHI 059, Version 13		_	Issu	ed by: FHI		D	ate of issue	e: 12/05/2020
Case No:	2024-0060		Site No:	FS0301				
Date of Visit:		05/03/2024			Inspector(s):			
Registration/Autho	risation Deta	nils						
1. Business/site deta			te representa	ative?		Y		
2. Changes made to	details?	·	·			Y	,	
Site Details (includ	o cloanor fie	h for all socti	onel					
Total No facilities		58	Facilities sto	cked	32	No facilities in	nspected	58
Species	SAL	SAL	r domines sto	okea	<u></u>	140 Idollities II	порсотса	
Age group	fry	August						
No Fish	1,683,827	908,411						
Mean Fish Wt	0.7g	5.2g						
Next Fallow Date (Si		on-going cyc	e	Next Input Dat	te (Site)	20th April		
Recent (last 4 wks)	,				, ,	(since last visi	it)?	N
If yes, detail:		e recirc unit A	ugust 2023 s		, ,		,	
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
Mortality Records								
1. Mortality records a	available for in	nspection?		_				Y
2. How are mortalitie	es disposed o	f?			Whole fish - I	Dundas Chem	icals	
If other detail:								
3. Mortality records of	•	correctly ente	ered?					Y
4. Recent mortality (al information				
5. Evidence of recen		* *						N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
			1 10					V
6. Any other peaks in		<u> </u>	ecked?					Y
If yes, detail:		al information		.1				V
7. Have increased (u								Y
If yes, detail action:				pecific disease			to be feed i	
8. Have 'mortality ev	ents' been re	ported to FHI	r if no, enter o	details on morta	ality events sh	ieet.		Y

Treatments and Medicines Records	
1. Recent treatments (see comment)?	Y
If yes, detail: Aquacen	
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:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed 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)?	
	V
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	T.
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	V
7. Is documentation available regarding the measures in place to maintain the physical containment of	T
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	T
If no, detail:	
Danilla of Ormicallana	
Results of Surveillance 1. Has any animal health surveillance been carried out by or on behalf of the business?	
Has any animal health surveillance been carried out by, or on behalf of, the business? If you are regults available for inspection?	
2. If yes, are results available for inspection?3. Any significant results?	
	o d
If yes, detail (if not detailed under recent disease problems). ERM identified no treatments require	ed
Records checked between: 12/5/2022 to 5/3/2024	
Necolus checked between.	

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2024-0060		Site No:	FS0301		Insp:	
Date of Visit	05/03/2024		No of m	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	0	10	26	
	Number of supp	ncluding third country	0		18 10	26 14	
h				-	!		10
Movements off	Frequency of m		0		6	10	3
Exposure via water	Trainibor or door	Site contacts			6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through porehole)	0				
susceptible to same diseases)	farms upstream	or in a coastal zone with category I or within 1 tidal excursion	1	2	4		1
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V 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		0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	te only processed.	0				
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0				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 st	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		Το	1			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		19 MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2
Case No: 2024-0060	Site No:	FS0301
Sea Lice Inspection (Seawater Sites Onl	v)	
Has the site experienced sea lice proble		
	r equivalent) fallowed synchronously on a single	vear class basis?
	licenced in-feed and bath sea lice medications (ir	
	as well as access to suitable biological and/or me	
4. Is there a signed documented farm man Management Area (or equivalent)?	agement agreement or statement relevant to the	site and CoGP Farm
5. Are sea lice count records available for i	nspection? (Legal SSI, CoGP Annex 6)	
6. Do records adequately reflect the require	ed standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels records are inspected? (CoGP Annex 6)	below the suggested criteria for treatment in the C	CoGP during the period that
8. Have average adult female sea lice (L . s 2 or above (from w/b 10/6/19) during the period of the sea lice (L . s	calmonis) numbers per fish been at a level of 3 or eriod that records are inspected?	above (prior to w/b 10/6/19) or
If yes, have these been reported to the Fish	n Health Inspectorate? If no, FHI see comment.	
9. Is C. elongatus infestation at a level whi	ch is considered to cause significant welfare prob	olems? (CoGP 4.3.81, 5.3.50)
	inistered or other actions taken when <i>L. salmonis c. elongatus</i> is considered to have welfare implica	
11. Has any other action been taken (wher	e applicable)?	
	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 sit sea lice?	e, where fewer populations or part populations ar	e held without treatment for
15. Is there a site specific written lice mana scenarios during the escalation of a sea lic	agement procedure with waypoints describing set e infestation?	actions to deal with recognised
16. Do the sea lice levels observed on stoo	eks reflect sea lice count data? If no please detail	reasons.
Containment Inspection	nage due to predators in the current or previous p	production cycles?
	st the predation experienced on site? (Detail below	
	ks are fully enclosed with tarp lids securely ti	
If other, detail below:	ks are rully enclosed with tarp has securely the	cu
Have escape incidents or events been 6	experienced on or in the vicinity of the site since the	he last FHI inspection?
If Yes proceed with questions 4 – 9. If No s	•	it last i i i inspection.
4. Have these been reported to Scottish Mi		
· · · · · · · · · · · · · · · · · · ·	forthwith (where they exist)? (CoGP - 4.4.37, 5.	4.17)
	and local fisheries trusts forthwith (where they exi	
7. Were methods (if any) used to recover e	scapees? If yes give detail	
8. If gill nets were deployed was this action Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	agreed with local wild fish interests and was perr	mission given by Scottish
	inimise the risk of further escapes? (Not covered	in code but could
be considered under satisfactory measurements. 10. Is the site inspected as satisfactory with	sures of the Act) n regards to containment? If no, please detail rease	son(s)
	To go to containion. If no, please detail rea-	

Date of issue: 12/05/2020

Case No:	2024-0060			Date of visit:	05/03/2024				
Site No:	FS0301	Inspector:							
Results Summary	Freq.	Database	li		te of Notifica		II	nd	
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
							-		
							-		
							=		
							=		
Report Summary				1					
Case Type	Date	Insp	2 nd Insp	1					
ECI,CNI	15/03/2024								
-									

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0169 Date of Visit 05/03/2024

SITE NO FS0301 SITE NAME Couldoran Hatchery
CASE NO 20240060 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

Reports detailing the results of animal health surveillance carried out by or on behalf of the business and/or Marine Directorate 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.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed: Date: 15/03/2024
Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at <u>Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)</u>

FHI 059, Version 13	Is	sued by: FHI	Date of issue: 12/05/2020	
Case No: 2024-0061			Date of visit: 05/03/2024	
Time spent on site:		Main Ins	spector:	
Site No: FS1051 Business No: FB0169	Site Name: Business Name:	Couldoran Incubation Un Bakkafrost Scotland	nit	
Case Types: 1 ECI 2	CNI 3	4 5	6	
Water Temp (°C): 4.4	Thermometer No:	Site	FHI 045 completed Y	
Observations:	Region: HI	Water type: F	CoGP MA:	
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? If yes, see additional information/clinical score sheet in life yes, see additio				
UNI/REG only - if unable to carry o	out intended visit detail r	reason below:		

Site thermometer used for biosecurity reasons the thermometer calibrated every two years by the lab, checked regularly with hand held probe.

Native Hebridean stock on site.

Four inputs each year.

Peaks in mortality 2023 wk 39 26378 (2.15%) (issue with a blocked pipe one tray affected). 2024 wk 01 58605 (3.24%) water quality due to blocked pipe, wk 4 37694 (2.14%) water quality issue due to blocked pipe.

Morts last 4 weeks w9 9 153592 (9.22%) failed hatch, wk 8 15216 (0.91%) failed hatch, wk 7 3653 (0.22%), wk 6 Fallow.

Buffodiene the only treatment used on site.

FHI 059, Version 13			Issu	ed by: FHI			Date of issue	e: 12/05/2020
Case No:	2024-0061		Site No:	FS1051				
Date of Visit:		05/03/2024]		Inspector(s):			
Registration/Autho	risation Deta	ils						
1. Business/site deta	ails summary	checked by s	ite representa	ative?			Υ	
2. Changes made to	details?						N	
Site Details (includ	le cleaner fish	n for all secti	ions)					
Total No facilities		1 hatchery	Facilities sto	cked	1 hatchery	No facilitie	s inspected	1 hatchery
Species	SAL							
Age group	2024 Feb							
No Fish	1,512,084							
Mean Fish Wt	N/A							
Next Fallow Date (S	ite)	April 22nd		Next Input Da	te (Site)	May 2024		
Recent (last 4 wks)	disease proble	ems?		N	Any escapes	(since last	visit)?	N
If yes, detail:								
1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? If yes, is there a system in place for maintenance of transportation records?								
Mortality Records								
1. Mortality records a	available for in	spection?						Y
2. How are mortalities	es disposed of	?			Whole fish -	Dundas Che	emicals	
If other detail:								
3. Mortality records	complete and	correctly ente	ered?					Y
4. Recent mortality (last 4 wks):		see addition	al information				
5. Evidence of recer		• •						N
If yes, facility nos/no	mortality per	facility/no sto	ck per facility	/reason:				
6. Any other peaks i	n mortality dui	ing period ch	ecked?					Y
If yes, detail:	see additiona							
7. Have increased (unexplained) r	nortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.						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?	N/A
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	N/A
Discounity Bosonia	
Biosecurity Records	V
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording	
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?	1
4. Has the action that will be taken in the event that the presence	·
is detected been included and <i>how</i> and <i>when</i> that will be notified	
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 be	stween each enidemiological unit to minimise
transmission of disease been covered (movement of staff, visitors	
7. Is documentation available regarding the measures in place to	· · ·
aquaculture animals held on site?	Thaintain the physical containment of
8. Have the biosecurity procedures been adequately implemented	I on site?
If no, detail:	
Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on b	ehalf of, the business?
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: 16/5	/2023 to 4/3/2024

FHI 059, Version 13		Issued by: FHI			Date	of issue	: 12/05/2020
Case Number:	2024-0061		Site No:	FS1051		Insp:	
Date of Visit	05/03/2024		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species		novements on from equivalent zone or		0	40	200	0
Species	compartment in Number of sup	ncluding third country	0		18 10	26 14	9
Movements off	Frequency of m		0			10 10	3
Exposure via water	Number of des	Site contacts			6-10	10	3
Water contacts with other	Farm is protect	ed (secure water supply through	,	1-3 	0-10		
farms (holding species	disinfection or I		0				
susceptible to same		or in a coastal zone with category I	1	2	4		4
diseases)		or within 1 tidal excursion or in a coastal zone with category III	1	2	4		1
		or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V					
	farms upstrean	n or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with	Any processing	plant discharging into adjacent waters	;				
processors			0	1	2		0
On farm processing within	No on farm pro	cessing	0]			0
the rules of the directive	Processing own	n fish (re-cycling risk)	1	1			
	Processing fish	rom MS of equivalent status	2	-			
		from zone or compartment of	2	1			
	equivalent state		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	- 1			
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 L	Inpasteurised feed	1 0	ן 1			0
ooc of unpasteurised reeds	Feeding unpas	•	5	_			0
Biosecurity	i coung unpuc	Number of sites	1	J	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	, . 0	1	2		1
		taff and equipment	0		2		1
			<u> </u>	<u>'</u> 1			
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
				1			
Platform access to cages	Yes		0				0
	No		2	J			
					Total		26
					Rank		HIGH
					· tarit		

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2024-0061	Site No	p: FS1051
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	well as access to suitable biological and/or n	
4. Is there a signed documented farm manag Management Area (or equivalent)?	ement agreement or statement relevant to the	e site and CoGP Farm
5. Are sea lice count records available for ins6. 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 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 F 9. Is <i>C. elongatus</i> infestation at a level which	•	
10. Have therapeutic treatments been admini suggested criteria for treatment or where <i>C. e</i>		
11. Has any other action been taken (where a	applicable)?	
12. Have therapeutic treatments or the action	s taken had a significant impact upon the lice	e levels recorded?
13. Are treatments, where conducted, carried	out in cooperation between participating farm	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 i		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	ge due to predators in the current or previous	s production cycles?
2. Are measures in place to mitigate against t	-	
site indoors		
If other, detail below:		
3. 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	to question 10	
4. Have these been reported to Scottish Minis	sters?	
5. Have these been reported to local DSFB for	orthwith (where they exist)? (CoGP - 4.4.37,	5.4.17)
6. Have these been reported to the SSPO and	d local fisheries trusts forthwith (where they	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 as 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		ed 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 re	eason(s) Y

Case No:	2024-0061			Date of visit:	05/03/2024				
Site No:	FS1051	Inspector:							
Results Summary	Freq.	Databasa	II		te of Notifica		Ilaaa	nd	
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp	
							-		
							-		
							=		
							=		
Report Summary				1					
Case Type	Date	Insp	2 nd Insp	1					
ECI,CNI	15/03/2024								
-									

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0169 Date of Visit 05/03/2024

SITE NO FS1051 SITE NAME Couldoran Incubation Unit

CASE NO 20240061 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 high. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted annually. The category of the site will be reassessed on a routine basis and updated as required.

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

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

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

Mortality records were inspected and found to be adequately maintained.

Reports detailing the results of animal health surveillance carried out by or on behalf of the business and/or Marine Directorate 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.

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.

R04

On this occasion the site was found to be satisfactory.

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

Signed: Date: 15/03/2024
Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at <u>Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)</u>

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2024-0062			Date of visit: 06/03/2024			
Time spent on site: 4h	1	Main In	espector:			
Site No: FS1310 Business No: FB0134	Site Name: Business Name:	Loch Pooltiel Kames Fish Farming Ltd	d			
Case Types: 1 ECS 2	2 CNI 3 SLI	4 ESC 5 VMI	6			
Water Temp (°C): 8.1	Thermometer No:	T173	FHI 045 completed N/A			
Observations:	Region: HI	Water type: S	CoGP MA: M-25			
Dead/weak/abnormally behaving of Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additiona	al information/clinical score sheet. al information/clinical score sheet. al information/clinical score sheet.			
UNI/REG only - if unable to carry out intended visit detail reason below:						

Mortalities for the last four weeks: wk 10 513 (0.23%), wk 9 1143 (0.51%), wk 8 1355 (0.59), wk 7 582 (0.25).

Morts have been uplifted by Billy Bowie when required.

Predator control plan was being updated when onsite. Anti predator measures for seals include net management (Knox nets used through the online portal, all seal pro nets used with a double panel at the water line. The seal pro nets have proven to be effective at preventing seal damage to the material.

A seal was observed enetering the pen (13th Feb 2024) over the handrail, this was due to a handrail tie coming loose after a period of poor weather, no damage was found on the net by divers (this was reported to the FHI.)

Daily containment checks: no set proceedure currently used however looking to implement the company standard proceedure. If repairs are made these are recorded in the diary and also through the dive reports. Some top nets are secured to walkways using bungee cords, this has shown to be effective due to the issues with waves and winds. The manager is looking to fit bungee cords to secure all top nets.

Divers onsite generally once a week, this is for net inspections and mort removal. Wildlife diary is maintained to monitor predator threats.

Site inspected to conduct a 30 fish test for ISA due to no active salmon farms operating within the DMA. The sampling was previously attempted on the 21/2/2024 but was stormed off (case 2024 0038). FMS was inspected at this time and the surveillance frequency assessed therefore not required for this inspection.

FHI 059, Version 13			Issu	ied by: FHI			Date of issu	ue: 12/05/2020
Case No:	2024-0062		Site No:	FS1310				
Date of Visit:		06/03/2024]		Inspector(s)			
Registration/Author	risation Deta	ails						
1. Business/site det			ite represent	ative?			Y	7
2. Changes made to	details?						N	
Site Details (includ	le cleaner fis	h for all sect	ions)					
Total No facilities	io didanoi no	10	Facilities sto	ocked	9	No facilitie	es inspected	10
Species	2.25			T		110 100	1	
Age group	2022 Q4					1		
No Fish	224,546					1		
Mean Fish Wt	2.25 kg							
Next Fallow Date (S		September 2	2024	Next Input Da	ate (Site)	Novembe	r 2024	_
Recent (last 4 wks)				•	Any escapes			N
If yes, detail:					, ,	,	,	
Movement Record		r inanastian?						
Movement record Data of last incord		r inspection?					21/02/2024	Т
2. Date of last inspe		actly antarad?					21/02/2024	
 Are records comp Are movement re 		•)				
 Are movement re Are records comp 				•				
6. Are health certific		•		able?				N/A
or , are recalar corane			02) avail	abio.				
Transport Records								
1. Are any moveme								N
If yes, is there a sys	tem in place f	or maintenan	ce of transpo	rtation records	?			
Mortality Records								
1. Mortality records	available for i	nspection?						Y
2. How are mortalities		•			Incinerated -	on site		
If other detail:								
3. Mortality records	complete and	correctly ente	ered?					Y
4. Recent mortality	•			al information				
5. Evidence of recei		typical mortal						N
If yes, facility nos/no		• •		/reason:				
6. Any other peaks in If yes, detail:	n mortality du	ring period ch	necked?					N
7. Have increased (unexplained)	mortalities be	en reported t	o vet or FHI?				N/A
If yes, detail action:			z., reported t					
8. Have 'mortality ev	vents' been re	ported to FHI	? If no, enter	details on mort	ality events s	heet.		N/A

Treatments and Medicines Records							
1. Recent treatments (see comment)?	V						
If yes, detail: TMS							
If other, detail:							
2. Medicines records available for inspection?							
Are records complete and correctly entered?							
·							
4. Are fish in a withdrawal period?	ı						
5. If yes, what treatment(s)? TMS							
If other, detail:							
6. Are medicines stored appropriately?	У						
Discounity Bassaula							
Biosecurity Records	V						
Biosecurity records available for inspection?	ī						
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	V						
increased (unexplained) mortality at the site been included?	Ť						
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	V						
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	Y						
health status, certification if required)?							
	V						
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	ī						
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	V						
7. Is documentation available regarding the measures in place to maintain the physical containment of	Ť						
aquaculture animals held on site?	V						
8. Have the biosecurity procedures been adequately implemented on site?	Y						
If no, detail:							
Results of Surveillance	V						
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y						
2. If yes, are results available for inspection?	T N						
3. Any significant results?	N						
If yes, detail (if not detailed under recent disease problems).							
December the about his tracers. 104/0/0004 to 0/0/0004							
Records checked between: 21/2/2024 to 6/3/2024							

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	Case no:	2024-00)62	Site No:		FS1310			Date of		06/0	3/2024	06/0
	Priority samples:	VI		ВА		РА		MG	Samplin	g: HI			
	Time sampling starts/ends:	12:2	0:00	13:2	0:00		Inspecto	or:			VMD No	. [2
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG	Y	VI	Y	PA		Total Sa	mples
A	dd Fish/Pools - click												
	Pool/Fish No	P1	P2	P3	P4	P5	P6						
	Fish nos	1-5	6-10		16-20	21-25	26-30						
	Pool Group												
	Species	RTR	RTR	RTR	RTR	RTR	RTR						
	Average weight		3kg				3kg						
	Sex	N/A	N/A	N/A		N/A	N/A						
	Water Type	SW	SW	SW	SW	SW	SW						
						_	∏ ہ						
						oc	000						
		р	σ	р	σ	d L	d						
"		and	and	and	and	an	an						
Details		ans Ise	ans Ise	sus	S	sus	SUS						
) He		nke	nke	nke	nke	k K	농 년						
		Glenkens Torhouse	Glenkens Torhouse	Glenkens Selcoth	Glenkens Selcoth	Glenkens and Loch Avich	Glenkens and Loch Avich						
Stock	Facility No	8	8		5	10	10						
٠,	•												

03/2024 Additional Sample Information:	
6 Total Tests assigned 3	

FHI 059, Version 13	Issued by: FHI		Date of issue: 12/05/2020			
Case No:	2024-0062	Site No:	FS1310			
Sea Lice Inspection (Seawater Sites	Only)					
1. Has the site experienced sea lice pr	oblems in the previous 4 years?					
2. Is the CoGP Farm Management Are	ea (or equivalent) fallowed synchronousl	y on a single year class basis?	?			
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos ar emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?						
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area equivalent)?						
5. Are sea lice count records available	for inspection? (Legal SSI, CoGP Annex	∢ 6)				

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

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

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

Containment Inspection

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

Weighted nets, Top nets, seal pro nets, frequent mort removal, weekly diver inspection (if possible), wildlife diary If other, detail below:

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

8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scotti	sh Ministers?	(L
CoGP – 4.4.38, 5.4.18)		

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

be considered under satisfactory measures of the Act)

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

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

Site No: FS1310

Case No: 2024-0062

Nature of non-compliance:

Action taken (FHI):

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

Case No:	2024-0062			Date of visit:	06/03/2024			
Site No:	FS1310			Inspector:		1		
Results Summary	Freq.			Da	te of Notifica	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
ISA (real time qPCR - heart & kidney) - ISAQ	0/6	13/03/2024		14/03/2024		05/04/2024		
Report Summary]				
Case Type ECS,CNI,SLI, VMD	Date	Insp	2 nd Insp					
ECS,CNI,SLI, VMD	05/04/2024							
Case Completion	30/04/2024							
ESC	01/05/2024							

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0134
 Date of Visit
 06/03/2024

 Site No
 FS1310
 Site Name
 Loch Pooltiel

 Case No
 20240062
 Inspector

Case completion report

Recommendations in relation to the above case were made for implementation by 3rd May 2024. Following submission of the required documentation, evidence has now been provided to the Fish Health Inspectorate to demonstrate that the recommendations have been implemented.

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

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

Signed: Date: 30/4/2024
Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0134
 DATE OF VISIT
 06/03/2024

 SITE NO
 FS1310
 SITE NAME
 Loch Pooltiel

 CASE NO
 20240062
 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.

Due to the site being stocked with rainbow trout and the only active site in the Disease Management Area (DMA), a thirty fish sample was conducted to test for the presence of infectious salmon anaemia virus (ISAv).

<u>Samples</u>

30 Atlantic salmon were tested for the presence of infectious salmon anaemia virus (ISAv). Samples were collected according to the table below:

Fish number	Pool number	Facility number	Stage	Origin
1-5	1	8	2.25 kg grower	Glenkens and Torhouse
6-10	2	8	2.25 kg grower	Glenkens and Torhouse
11-15	3	5	2.25 kg grower	Glenkens and Selcoth
16-20	4	5	2.25 kg grower	Glenkens and Selcoth
21-25	5	10	2.25 kg grower	Glenkens and Loch Avich
26-30	6	10	2.25 kg grower	Glenkens and Loch Avich

The samples tested **negative** for ISAv.

Records

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.

R25

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 Directorate since the last Marine Directorate 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.

The predator control plan was being reviewed at the time of inspection, an assessment could not be made to determine if satisfactory predator exclusion measures are in place.

Given that there has been a history of escapes or circumstances that gave rise to a suspicion that an escape may have occurred, the updated predator control plan should be submitted for inspection.

Please ensure that these points have been addressed by 3rd May 2024. Records or documentation should be sent to the Fish Health Inspectorate (contact details below). The site may be subject to further inspection or enforcement action should the appropriate action regarding the above points not be taken within the time period stipulated.

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



The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

Date: 05/04/2024

R25



SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0134
 Date of Visit
 06/03/2024

 Site No
 FS1310
 Site Name
 Loch Pooltiel

 Case No
 20240062
 Inspector

Escape Investigation

The site was inspected following notification of an escape of 6 rainbow trout on the 2/11/2023 and a notification of circumstances which gave rise to a significant risk of escape of rainbow trout on the 13/2/2024 (Escape incident numbers MSe021123RTR1 and MSe130224RTR1 respectively).

Please refer to the report issued on the 5/4/2024 for further details of the inspection.

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

Signed: Date: 1/5/2024
Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020		
Case No: 2024-0063			Date of visit: 25/03/2024		
Time spent on site:	5hrs	Mair	n Inspector:		
Site No: SS0909 Business No: SB0573	Site Name: Business Name:	The Boom The Oyster Restoration	on Company Ltd		
Case Types: 1 ECI 2	2 3	4 5	6		
Water Temp (°C): 8	Thermometer No:	T152	FHI 045 completed		
Observations:	Region: HI	Water type: S	CoGP MA:		
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additi	ional information/clinical score sheet. ional information/clinical score sheet. ional information/clinical score sheet.		
UNI/REG only - if unable to carry out intended visit detail reason below:					

Whole site is never fallow, but individual areas/zones are fallowed, cleaned and disinfected before each new batch arrival which generally happens twice per year.

Mortalities on the site are stored in freezers on site (area specific) for 48hrs before the tissue is removed and returned to the freezer for storage until enough has accumulated for uplift. No waste has been removed from the site since authorisation, however BMP details that this waste will be transported to Gairloch landfill for deep burial. Empty shells are cleaned and disinfected before use as spat substrate to encourage settlement.

4,108 mortalities have been recorded across the site since the last inspection (not including larvae and spat). 3,128 of those occurred in the 6months following the last inspection in May 23 and were attributed to transport losses while moving the stock from Orkney in June 23 during a period of warm weather in combination with spawning losses. A further event in August 23 where the cooler failed in the coldstore resulting in warmer water entering the facilities and causing slightly elevated mortalities. The remainder of the total mortalities (980) were recorded since December 23 until present.

Site generally receives wildcaught oysters from Loch Ryan. These are unpacked in one of the shipping containers, cleaned and scrubbed before placing in tanks within the container. 30 individuals are sampled from each batch for Bonamia testing. eDNA testing is also completed by XSelect for Bonamia prior to that batch being moved into the main hatchery.

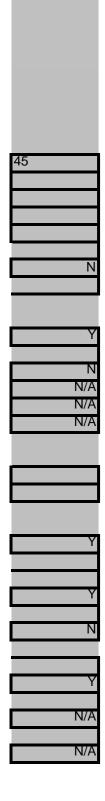
Site is hoping to get involved in a selective breeding programme in collaboration with Roslin next year; whereby removing individuals from Bonamia positive areas and selectively breeding from those with natural resistance.

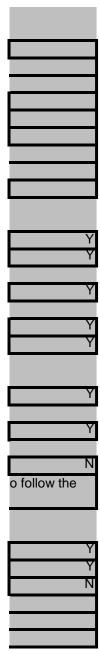
Site doesn't hold adult lifestage (bigger than spat but smaller than broodstock). Spat is normally sent off site to a farm for ongrowing.

Broodstock are split into 2 zones with different water temperatures. One zone was spawning, the larvae was inspected and broodstock appeared in good condition.

FHI 059, Version 13			Issued by:	FHI		Date o	of issue: 12/05/20	20
Case No:	2024-0063		Site No:	SS0909				
Date of Visit:		25/03/2024]		Inspector(s):			
Registration/Autho								
 Business/site deta Changes made to 	•	checked by site rep	resentative?				Y	
z. Onanges made to	details:							
Site Details (include	e cleaner fish	for all sections)	_			_		
Total No facilities		45	Facilities sto	cked	21	No facilitie	s inspected	
_ `	OED	OED	OED					
	Wildcaught	2023	2024					
No Fish	7,690	14,329	13,729					
	90-100g	<0.2mm	<0.2mm	_				
Next Fallow Date (Si	•	Never fallow.		Next Input Da		Nov 24		
Recent (last 4 wks) o	disease proble	ms?		N	Any escapes	(since last v	isit)?	
If yes, detail:								
Movement Records								
Movement records		inspection?						
2. Date of last inspec		mopcodor:					31/05/2023	
 Are records comp 		ctly entered?					01/00/2020	
4. Are movement red		*	waste?					
5. Are records comp			madio.					
6. Are health certification		•	3) available?					
Transport Records								
 Are any movement 	te carried out	by (or on behalf) o	f the husiness	e (not using a 9	STR\2			
If yes, is there a syst					י (טונ):			
ii yoo, io iiioio a oyot	om in place to	Thankonanoo or t	ranoportation	rocordo.				
Mortality Records								
 Mortality records a 	available for in	spection?						
2. How are mortalitie	s disposed of	?			Other (detail)			
If other detail:	Frozen on site	e before disposal ir	n domestic wa	aste and taken	to landfill at G	airloch		
3. Mortality records of	complete and o	correctly entered?						
4. Recent mortality (I			See addition	al information.				
Evidence of recen	t increased/aty	ypical mortalities?						
If yes, facility nos/no	mortality per f	acility/no stock per	facility/reaso	n:				
6. Any other peaks in	•		1?					
	See additiona							
7. Have increased (u	inexplained) m	nortalities been rep	orted to vet o	r FHI?				
If yes, detail action:								
8. Have 'mortality ev	ents' been rep	orted to FHI? If no	, enter details	on mortality e	vents sheet.			

Treatments and Medici	ines Records	
1. Recent treatments (se		
If yes, detail:	<u> </u>	
If other, detail:		
2. Medicines records ava	ailable for inspection?	
3. Are records complete	and correctly entered?	
4. Are fish in a withdrawa	al period?	
5. If yes, what treatment	(s)?	
If other, detail:		
6. Are medicines stored	appropriately?	
Biosecurity Records		
1. Biosecurity records av	vailable for inspection?	
2. Has the manner and f	requency of mortality removal, recording a	nd safe disposal been considered?
3. Has the manner and p	period in which the APB will notify Scottish	Ministers or veterinary professional of any increased
(unexplained) mortality a	at the site been included?	
	•	or suspicion of the presence of a listed disease is
detected been included a	and how and when that will be notified to S	Scottish Ministers?
	,	he farm site been covered (equal or higher health
status, certification if req	juired)?	
•	·	ween each epidemiological unit to minimise
	been covered (movement of staff, visitors,	· ·
	ilable regarding the measures in place to m	naintain the physical containment of aquaculture
animals held on site?		
	procedures been adequately implemented of	
	•	ecific PPE outwith intended zone. Site staff reminded
If no, detail: bios	security measures plan.	
D ! ((. 0 !!!		
Results of Surveillance		shalf of the hydrogen
-	n surveillance been carried out by, or on be	mail of, the business?
2. If yes, are results avai	·	
3. Any significant results		
ii yes, detaii (ii not detaii	ed under recent disease problems).	





FHI 059, Version 13	Issued by: FHI			Date	of issue: 12
Case Number:	2024-0063 Site No:	SS090	9		
Date of Visit	25/03/2024 Inspector:				
Number of Susceptil	ole 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	0
Sites within a tidal e	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal				
	excursion	0	2	10	0
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
Wovernonte on	Frequency of movements on from equivalent zone or		-	-	
	compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
Movements off	Frequency of movements off within MSS Management Areas	0	1	2	0
	Frequency of movements off outwith MSS Management				
	Areas	0	3	6	3
	Number of destinations	0	3	6	3
			Secure	Unsecure	
Management			(effluent	(no effluent	
practices		None	treatment)	treatment)	
Water contacts with			,		
depuration facilities	Depuration of stock from own sites within MSS				
·	management area	0	1	2	0
	Depuration of stock from other businesses sites within MSS management area	0	2	6	0
	Depuration of stock from sites outwith MSS management	_	_		
	area	0	4	8	0
	Number of cites		2 - 2		
Biosecurity	Number of sites	1	2 or 3	≥4	
Contacts with other sites	Sites operating from single shorebase Sites sharing staff and equipment	0	1	5	0
31.63	ones sharing stair and equipment	Ů			Ů
			Yes	No	_
	Disinfection of equipment between sites, use of footbath	s etc	0	2	0
			Total		34
			Risk		HIGH

Case No:	2024-0063			Date of visit:	25/03/2024			
Site No:	SS0909	- 1		Inspector:				
Results Summary	Freq.	Database	Inon	Da Phone	te of Notifica	writing	Inon	and .
		Database	Insp	Priorie	Insp	vvriting	Insp	2 nd Insp
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
ECI	08/04/2023							



SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0573
 Date of Visit
 25/03/2024

 Site No
 SS0909
 Site Name
 The Boom

 Case No
 20240063
 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 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 found to be inadequately maintained.

Mortality records were inspected and found to be adequately maintained.

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

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

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

 Site-specific 'SS' numbers were not recorded in the movement records. These should always be included to facilitate traceability in the event of a disease outbreak. This was discussed with the site manager who has agreed to include these going forward. No further action required. • The biosecurity measures plan included measures that were no longer being implemented on the site. A review was conducted, and the BMP amended accordingly. Additionally, the biosecurity measures that were detailed in the plan and being implemented on site, were observed to have not been followed. Site staff were reminded to follow the biosecurity measures detailed in the plan to mitigate the risk of introducing and spreading disease. No further action required.

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: Date: 08/04/2024

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

FHI 059, Version 13	Is	sued by: FHI	Date of issue: 12/05/2020
Case No: 2024-0064			Date of visit: 26/03/2024
Time spent on site: 4h	ırs	Main Insp	pector:
Site No: FS0549 Business No: FB0125	Site Name: Business Name:	Tanera Scottish Sea Farms Ltd	
Case Types: 1 ECI 2	2 CNI 3 SLA	4 VMD 5	6
Water Temp (°C): 8.3	Thermometer No:	T152	FHI 045 completed
Observations:	Region: HI	Water type: S	CoGP MA: M-10
Dead/weak/abnormally behaving of Clinical signs of disease observed 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 r	eason below:	

Additional Case Information:

Mortalities over threshold:

Wk33: 1.3% (4,043)

Wk37: 1.1% (3,367

Wk38: 3% (9,235)

Wk41: 2.6% (7,636)

Wk42: 6.5% (18,784)

MI-40- 40 00/ (00 004

Wk43: 12.3% (33,604)

Wk44: 9.6% (22,855)

wk45 - 7.1% (15,357)

Wk46 - 3.7% (7,476)

Wk47 - 4.7% (11,145)

Wk48 - 5.3% (13,444)

Wk49 - 2.71% (6,685)

Wk50 - 1.4% (3,288)

All mortality events have been attributed to poor gill health (CGD) combined with FW treatment losses in Wk48, 49 and 50 2023. Wrasse mortality since input for farmed stock was 45.69% and 27.28% for wildcaught stock.

Average adult female leps combined has remained below the CoGP treatment threshold since last EC inspection in April 2022.

Two batches of fish received onto site. One input in February 23, followed by a 2nd input in April 23 (within 6 weeks of each other). A mix of Fanads and Aquagens are currently on site and all came on through Barcaldine and Fada.

Site is stocked with a mix of farmed and wildcaught wrasse and site manager reported them to be effective at controlling sea lice on the site.

Lesions have been observed on some fish across site but appear to be healing well. Fish are being fed a skin assist diet to aid recovery and will soon move onto a Resist X diet to support gut function.

SLICE was administered in February 24, following a peroxide treatment in Nov 23.

General population of fish on site appeared in good external health, with a handful of individuals across the site appeared in poor health and were exhibiting skin lesions. These were removed during the inspection and humanely culled. No other clinical signs of disease were observed so diagnostic samples were not taken on this occassion.

The fish sampled for VMD was clinically healthy externally and internally and demonstrated a good feed response. Gut was full of food on examination.

Remote inspection completed on 21/03/24. Site visited on 26/03/24.

FHI 059, Version	on 13			Issued by: F	HI		Date o	of issue: 12/05/	2020
Case No:	2024-0064		Site No:	FS0549]				
Date of Visit:		26/03/2024			Inspector(s)	:			
Registration/	Authorisatio	n Details							
1. Business/sit			by site repre	esentative?			Υ	7	
2. Changes ma		•	,				Υ	_	
Site Details (in	nclude clear	ner fish for all	sections)						
Total No facilit		12	Facilities sto	cked	12	No facilities	inspected	12	1
Species	SAL	WRA	WRA				1		1
Age group	23 Q2		Farmed						1
No Fish	222,123	8,868	5,135						1
	3.7kg	45g	45g						1
Mean Fish Wt									
Next Fallow Da	, ,	Sep/Oct 24		Next Input D	_ ` ′	Feb/March 2			
Recent (last 4		•		Y	Any escape	s (since last vi	sit)?	N	
If yes, detail:	Low levels	of AGD and Cl	MS						J
 Movement r Date of last Are records Are movement Are records Are records Are health common records Are any movement Are any movement Are symmetric records 	inspection: complete an ent records a complete an ertificates for cords vements carr	d correctly ent vailable for de d correctly ent r introductions ied out by (or d	ered? ad fish and w ered? (outwith GB) on behalf) of t	available?	-	STB)?	02/11/2023	Y N/A N/A N/A	
Mortality Records 1. Mortality records available for inspection? 2. How are mortalities disposed of? Incinerated - on site Incinerate									
6. Any other pe								Y	
•	If yes, detail: See additional information.								
	7. Have increased (unexplained) mortalities been reported to vet or FHI?								
	If yes, detail action: 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet. Y								
8. Have 'morta	lity events' be	een reported to	FHI? If no, e	enter details d	on mortality e	vents sheet.		Y	

Treatments and Medicines Records	V
1. Recent treatments (see comment)?	Y
If yes, detail: Slice Optomease	
If other, detail: 2. Medicines records available for inspection?	V
Are records complete and correctly entered?	, V
4. Are fish in a withdrawal period?	, V
5. If yes, what treatment(s)? Slice Optomease If other, detail:	
6. Are medicines stored appropriately?	Y
o. Are medicines stored appropriately:	
Biosecurity Records	
Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed	
disease is detected been included and how and when that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or	Y
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	Y
etc.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y
aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	
Results of Surveillance	
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?	Ÿ
If yes, detail (if not detailed under recent disease problems).	
you, water (i to a decime a read read of the second problem).	
Records checked between: 26/04/2022 - 21/03/24	

Priority samples: VI BA PA MG HI Time sampling 13:30:00 14:00:00 Inspector: VMD No. 6 starts/ends: Environmental conditions: 1 Dry 2 Sunny 3 Cloudy 4 5 Summary samples HIST BA MG VI PA Total Samples Add Fish/Pools - click Pool/Fish No F1 Pool Group Species SAL Average weight 3.7kg Sex N/A Water Type SW Stock Origin Sampling: HII Sampling: NMD No. 6 Inspector: VMD No	Г	al 059, version 13							155	ueu by.	ГП			
Priority samples: VI BA PA MG HI Time sampling starts/ends: 13:30:00 14:00:00 Inspector: VMD No. 0 Summary samples 1 Dry 2 Sunny 3 Cloudy 4 5 Summary samples HIST BA MG VI PA Total Samples Add Fish/Pools - click Pool/Fish No F1 Pool Group Pool Group<		Case no:	2024-00)64	Site No:		FS0549					26/	03/2024	26/0
Summary samples HIST BA MG VI PA Total Samples Add Fish/Pools - click Pool/Fish No Fish nos Pool Group Species Species SAL Average weight Sex N/A Water Type Sex N/A Water Type Sex N/A Water Type Sex N/A Sex N/A Water Type Sex N/A Sex N/A Water Type Sex N/A Sex N/A Sex N/A Sex N/A Water Type Sex N/A Sex Sex Sex N/A Sex Sex Sex Sex Sex Sex Sex Sex Sex Se		Priority samples:	VI		ВА		PA			Sampili			1	
Add Fish/Pools - click Pool/Fish No		starts/ends:]		o. [6
Add Fish/Pools - click Pool/Fish No Fish nos F1 Pool Group Species SAL Average weight Sex N/A Water Type SW Solution No Sex N/A Water Type SW Pool/Fish No F1 Sex N/A Water Type SW Solution Solutio		Environmental conditions:	1	Dry	2	Sunny	3	Cloudy	4		5			
Pool/Fish No		Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
Fish nos F1 Pool Group Species Average weight 3.7kg Sex N/A Water Type SW	A													
Pool Group Species Average weight Sex N/A Water Type Sw Indicate the second of the se			□1											
Species SAL Average weight 3.7kg Sex N/A Water Type SW			ГІ											
Average weight 3.7kg Sex N/A Water Type SW Thousand the second of the s			CAL											
Sex N/A Water Type SW Swort t ES1328														
Water Type SW t ES1328														
caldine Smolt t FS1328														
Details Smolt PS 1328 Recaldine Smolt PS 1328		water Type	SW											
			Barcaldine Smolt Unit FS1328											

03/2024 Additional Sample Information:													
Fish was anaesthetised followed by a percussive blow.													
0	0 Total Tests assigned 0												

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2024-0064		Site No:	FS0549		Insp:	
Date of Visit	26/03/2024		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	ovements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		ovements on from equivalent zone or	0	0	4.0	26	0
opeoies	Number of supp	cluding third country	0		18 10	26 14	0
					ļ		10
Movements off	Frequency of m		0		6	10	10
Exposure via water	Tramber of desi	Site contacts			6-10		9
Water contacts with other farms (holding species	Farm is protected disinfection or be	ed (secure water supply through porehole)	0				
susceptible to same diseases)	Farm is on-line	or in a coastal zone with category I	1	2	4		2
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing owr	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	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 wast	e only processed.	Ιο	1			0
products	Common proce	sses with other farms	3	1			
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	T 0	1			0
γ	Feeding unpast	•	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 st	aff and equipment	0	1	2		1
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator				_			
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes		0]			0
	No		2				
					Total Rank		17 MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/202
Case No: 2	024-0064 Site	No: FS0549
Sea Lice Inspection (Seawa	ater Sites Only)	
· · · · · · · · · · · · · · · · · · ·	sea lice problems in the previous 4 years?	
·	ement Area (or equivalent) fallowed synchronously on a singl	le year class basis?
3. Does the site have access	to a range of licenced in-feed and bath sea lice medications in benzoate) as well as access to suitable biological and/or m	(including deltamethrin,
4. Is there a signed documer Area (or equivalent)?	nted farm management agreement or statement relevant to th	e site and CoGP Farm Management
5. Are sea lice count records	available for inspection? (Legal SSI, CoGP Annex 6)	
6. Do records adequately ref	lect the required standard specified in the SSI and the CoGP?	? (Legal SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) records are inspected? (Coo	record levels below the suggested criteria for treatment in the GP Annex 6)	e CoGP during the period that
•	e sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 during the period that records are inspected?	or above (prior to w/b 10/6/19) or 2
If yes, have these been repo	rted to the Fish Health Inspectorate? If no, FHI see comment.	
9. Is <i>C. elongatus</i> infestation	at a level which is considered to cause significant welfare pro	oblems? (CoGP 4.3.81, 5.3.50)
•	ents been administered or other actions taken when L. salmonent or where C. elongatus is considered to have welfare impli	
11. Has any other action bee		
· ·	ents or the actions taken had a significant impact upon the lice	
	anducted, carried out in cooperation between participating farm	
lice?	tegy for the site, where fewer populations or part populations	are neid without treatment for sea
15. Is there a site specific wr scenarios during the escalati	itten lice management procedure with waypoints describing so on of a sea lice infestation?	et actions to deal with recognised
16. Do the sea lice levels ob	served on stocks reflect sea lice count data? If no please deta	ail reasons.
Containment Inspection		
· · · · · · · · · · · · · · · · · · ·	equipment damage due to predators in the current or previous	s production cycles?
·	mitigate against the predation experienced on site? (Detail be	
Sealpro nets,		,
If other, detail below:		
		d t t Filli
If Yes proceed with questions	events been experienced on or in the vicinity of the site since s 4 – 9. If No skip to question 10	e the last FHI inspection?
4. Have these been reported		5 4 47)
·	to local DSFB forthwith (where they exist)? (CoGP – 4.4.37,	
о. наve these been reported	to the SSPO and local fisheries trusts forthwith (where they e	exist)? (COGP = 4.4.37, 5.4.17)
7. Were methods (if any) use	ed to recover escapees? If yes give detail	
	was this action agreed with local wild fish interests and was pe	ermission given by Scottish
Ministers? (Legal, CoGP – 4.9. What action was taken to	.4.38, 5.4.18) prevent and minimise the risk of further escapes? (Not covere	ed in code but could
	sfactory measures of the Act)	
	atisfactory with regards to containment? If no, please detail re	eason(s)

Date of issue: 12/05/2020

TH 050 Version 40	leaved by EU	Data at increase 40/05/0000
FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2024-0064	Site No: FS0549	
Date of Visit: 26/03/2024	Inspector:	
Point of Compliance		
 Is the farm under inspection located w 	vithin a farm management area?	Y
If N, no further questions require comple		
•	Management Agreements and Statemen	
z. наs a current таrm management agre 3. Is the current FMAg/S available for ins	eement or statement (FMAg/S) been prepa	red?
4. Does the FMAg/S identify the relevant	·	Y Y
5. Does the FMAg/S identify the fish farn	_	Y
•	commencement of the agreement or state	ment? Y
7. Does the FMAg/S identify the date of I	review?	Y
Arrangements for Fish Health Manage	ement	
8. Does the FMAg/S identify the minimur	m health standards for the stocks to be intr	roduced to the area or Y
farm?		
•	tion requirements for stocks held in the are es of fish which may be stocked into the are	
	num stocking density of any pen on any fari	
individual farm?	iam eteering actionly of any pen en any tan	
	gements for the storage and disposal of any	y dead fish from any
fish farm in the area or the individual far	rm?	
Arrangements for The Management o	f Sea Lice	
13. Does the FMAg/S identify arrangement	ents for the sharing of data on sea lice num	nbers and treatments?
14 Does the FMAg/S identify the availab	bility and the use of medicines on farms co	vered by the agreement
of statement?	Sinty and the use of medicines of farms co	vered by the agreement
	rements for the sensitivity testing of availab	le treatments for sea
lice on farms in the area or individual far		
16. Does the FMAg/S identify the circum used on farms in the area or individual fa	nstances under which biological controls an	nd cleaner fish are to be
	gements for synchronous treatments on far	ms within the area?
Live Fish Movements		V
18. Does the FMAg/S Identify the circum area or farm?	nstances when live fish may be introduced	
	gements for the movement of live fish on ar	nd off sites in the area
or individual farms?		

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

Case No: 2024-0064 Site No: FS0549

Date of visit: 26/03/2024 Inspector(s):

Point for consideration Risk level Satisfactory? Requirement Comments and advice given or action taken if necessary

ENHANCED SEA LICE INSPECTION CHECKLIST

a. Inspection of sea lice records				
1.1 Are sea lice count records available for inspection?	Medium	Υ	CoGP 1.2.1, 1.2.2,	
1.2 Do records adequately reflect the required standard specified in	Low & Medium	Υ	Annex 6	
the SSI ¹ and the CoGP ² ?			SSI 1,2,	
(Counts should be weekly, record the person making the count, date				
of the count, number of fish sampled (should be 25), pen or facility				
number recorded, water temperature ³ , number of parasites observed				
and correct stages recorded ⁴				
1.3 Where weekly counts are not conducted is the reason for not conducting the count stated?	Low	Υ	SSI 1,2(g)	
1.4 Is that reason considered acceptable by the Inspector? Give	Low	Υ		
detail.				
1.5 Has the site experienced sea lice problems in the previous 4		N	Detail if necessary:	
years?				
b. Inspection of records relating to treatment and control of sea li	ce			
2.1 Has appropriate action been taken where:				
a) L. salmonis record levels have been above the suggested criteria for treatment?	High	N/A	CoGP Annex 6	Not been above the CoGP suggested criteria for treatment since last inspection.
b) C. elongatus infestation is at a level considered to cause significant	High	N/A	CoGP 4.3.81, 5.3.50	The average Caligus count (for all stages) has not been above 0.84
welfare problems	Medium	V	CoGP 4.3.130, 5.3.84	since the last inspection.
2.2 Is therapeutic treatment initiated ASAP where required?2.3 Where medicines have been administered there should be a	ivieaium	Y		
record of :			VMD ¹² 19 SSI 1,3	
the name / identity of the product	High	V	551 1,3	Treatment records inspected and found to be adequately maintained.
the hame / identity of the product	i ligii	•		Treatment records inspected and found to be adequately maintained.
the date of administration	High	Υ		
the quantity (concentration and amount) administered	High	Υ		
the method of administration of the product	High	Υ		
the identification of the fish / facilities treated	High	Υ		
name of the person administering the treatment	Low	Υ		
the withdrawal period	Medium	Υ		
2.4 If the medicine is administered by a veterinary surgeon:			VMD 18	

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
the name of the veterinary surgeon	High	N/A		Prescriptions from the vet were available for inspection, however administration of medicines is conducted by a trained member of site staff.
name of the product	High	N/A		
batch number	High	N/A		
the date of administration	High	N/A		
amount administered	High	N/A		
identification of fish treated	High	N/A		
withdrawal period	Medium	N/A		
2.5 Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?	High	Y		
Inspect records to confirm. Significant impact - ≥50% reduction in site average <i>L.salmonis</i> numbers (all stages)				
2.6 If other methods are employed on site to control sea lice and their impact is there a record of:	Low	Υ	SSI, 1,4	Wrasse have been stocked onto site to control sea lice loads and are reported to be performing well. Sealice records reflect low levels.
the nature and date of the method employed; the identification number of all facilities subjected to the method; the name of the person employing the method				
2.7 Where medicines have been acquired is there a record of:			VMD 19	
proof of purchase of the medicine concerned	Medium	Υ	VMD 17	
name of the product	High	Υ		
batch number	High	Υ		
the date of purchase	Medium	Υ		
the quantity purchased	High	Υ		
the name and address of the supplier	Medium	Υ		
2.8 Where medicines have been disposed is there a record of:			VMD 19	
the date of disposal	Medium	N/A		Medicines are only supplied in the required quanitity to complete the course of treatment. As such, no surplus is available.
the quantity of product involved	Medium	N/A		If medicines were to be disposed of, procedures are in place for appropriate disposal through the company vet.
how and where it was disposed of	Medium	N/A		
2.9 Are veterinary health plans available which detail bio-security protocols, preventative measures and treatments in relation to sea lice?	Medium	Y	CoGP 4.3.129, 5.3.83	
Consider the following points over a percentage of treatments conducted on site				
2.10 Has the recommended course of treatments been completed?	Medium	Y	CoGP 4.3.134, 5.3.88	

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
2.11 If not, is there a recorded acceptable reason for not completing treatment?	Medium	N/A	CoGP 4.3.135, 5.3.89	All treatments, where conducted, have been completed as directed by the vet.
2.12 Was advice taken from the Veterinary surgeon in such circumstances?	Medium	N/A	CoGP 4.3.135, 5.3.89	
2.13 Are there clear written instructions regarding medicine use, available to those responsible for treatment administration?	Medium	Υ	CoGP 4.3.133, 5.3.87	Instructions for administration were detailed on the prescriptions.
2.14 Does the site have treatment discharge consents relevant to sea lice?		Y	Detail if necessary:	CAR licence.
c. Inspection of records relating to farm management groups and	farm manager	ment agreements	s or statements	
3.1 Is there a nominated farmer acting as coordinator and point of contact for this farm or area inclusive of this farm?	Low	Υ	SSI 1,5,b CoGP 4.3.75, 5.3.44	
3.2 Is there a written undertaking that the farm will observe the provisions of the NTS ⁶ ?	Low	Υ	CoGP 4.3.76, 5.3.45	Detailed in the FMS.
3.3 Has an area group been formed within the area containing the site?	Medium	Υ	CoGP 4.3.77, 5.3.46	One other site belonging to the same business falls within the area.
3.4 Does the remit of the area group have appropriate veterinary involvement? Consider: -agreed basis for monitoring sea lice -coordinated monitoring and treatment -co-operation between participating farms	Medium	Υ	CoGP 4.3.77, 5.3.46 SSI 1,5, c	Company vet is available as required. VHWP and FMS consider the required points.
This may require follow up investigation conducted off site to determine				
3.5 Are records available of any decisions made by the FMG in relation to the prevention, control and reduction of parasites?	Low	Υ	SSI 1, 5, c	End of cycle and beginning of cycle summaries available in the VHWP.
3.6 Where treatments have been administered is this done in accordance with principles to maximise the effectiveness of treatments, promote the minimal use of medicines consistent with the maintenance of high standards of fish welfare and help preserve their efficacy?	Medium	Υ	4.3.82, 5.3.51	Treatments, where conducted, are scheduled to be synchronous. Weekly counts on both sites are completed and records are shared. Bio-assays can be completed to determine sensitivity.
For example, the principles of ISLM include: Resistance monitoring – reporting suspected adverse drug event (SADE) to the VMD.				
The steps to determine if resistance is considered a reason for a suspected lack of efficacy (e.g. Bio-assay tests and results, seeking veterinary advice)				
Appropriate discharge consent in place Use of authorized medicines with veterinary instruction and advice as necessary				
Monitoring lice numbers				
Using an array of treatments where possible Treating all stocks on site at the same time				

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
Avoiding the simultaneous use of different active ingredients				
Avoiding consecutive treatments of the same active ingredient, and				
certainly not on the same cohort of lice				
Routine removal of moribund fish and regular removal of mortalities.				
		Y.		
3.7 Are weekly monitoring results communicated to other farmers	High	Y	CoGP 4.3.78, 5.3.47	Both sites within the area belong to the same business so results are
within the defined area?		V	0.0040705040	readily accessible.
3.8 Is this done 'as soon as reasonably possible where lice numbers	High	Y	CoGP 4.3.79, 5.3.48	
exceed the suggested criteria for treatment?	Low	V	CoCD 4 2 90 E 2 40	As required
3.9 Is sea lice data and other information relevant to the management of sea lice provided to the SSPO?	LOW	ľ	CoGP 4.3.80, 5.3.49	As required.
3.10 Are annual review meetings held by FMA groups to evaluate site	⊔iah	V	CoGP 4.3.83, 5.3.52	
performance against set criteria?	riigii	'	COGF 4.3.63, 3.3.52	
3.11 Is there a signed documented farm management agreement or		Υ	AFSA ¹³ 4A	
farm management statement relevant to the site and CoGP Farm			74 074 174	
Management Area (or equivalent)?			Detail if necessary:	
3.12 Are up to date copies of FMS available from other APB operating	Medium	N/A	CoGP 4.3.88, 5.3.57	
within the same FMA?				
3.13 Are significant changes to FMS notified to other companies	Medium	N/A	CoGP 4.3.89, 5.3.58	
within the FMA?				
3.14 Is there co-operation between APB's operating within the FMA in	Medium	N/A	CoGP 4.3.90, 5.3.59	
the development and implementation of FMAg?				
3.15 Are copies of FMS or FMAg available for inspection?	Medium	Υ	AFSA 4B	
3.16 Does the FMS or FMAg take into account the relevant aspects	Medium	Υ	CoGP 4.3.91, 5.3.60	
regarding a sea lice control strategy?				
3.17 If the FMA has been redefined , is there documented evidence	High ¹⁰	N/A	CoGP 4.3.92, 5.3.61	
to demonstrate that the risks to health within and outwith the area is				
not increased by the proposal?				
3.18 Is the CoGP Farm Management Area (or equivalent) fallowed	High	Υ	CoGP 4.3.100	
synchronously on a single year class basis?				
3.19 If answered no to 3.18, then is there a documented risk	High	N/A	CoGP 4.3.101	
assessment which meets the requirements of CoGP point 4.3.101?				
d. Inspection of records relating to training and procedures				
4.1 Is there a training programme or plan in place relevant to sea lice	High	Υ	CoGP 7.1.8	
control for the site?	i iigii		7.1.0	
4.2 Are training records available for relevant staff in relation to:			CoGP 4.1.6, 5.1.6	
			SSI, 1,1	
parasite identification	High	Y	CoGP 4.3.84-86,	
counting parasites (procedures for)	High	Υ	5.3.53-55	
recording counts	High	Y		
recording counts	High	Υ		

Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary
biology and life cycle of parasites	Low	Υ		
symptoms of parasite infection in fish	Low	Υ		
4.3 Have staff been trained in the administration of treatments?	High	Υ	CoGP 4.1.6, 5.1.6	
			CoGP 4.3.84, 5.3.53	
N.B. there is no legal requirement to maintain a record of this				
Where records exist regarding SOPs and site procedures these				
should be inspected to confirm suitability				
e. Inspection of site and site stock	•			
5.1 Are medicines used, stored and disposed of safely?	Medium	Υ	VMD schedule 5	Any medicines that are held on site are stored in a lockable chemical
			_	cabinet on the site barge.
5.2 Do the sea lice levels observed on stocks reflect sea lice count	High	Υ		
data?			-	
Refer to section e) of guidance notes 5.3 Does the site appear satisfactory in terms of fish welfare relating	High	V	-	
to sea lice infestation?	High	T		
f. Inspection of farm count procedures	•			
6.1 Are pens and fish sampled at random?	Low	Υ	CoGP Annex 6,	
6.2 Have the personnel conducting counts had appropriate training in	High	Υ	4.3.84-86, 5.3.53-55	Sealice training has been completed by both members who were
lice recognition and recording?				observed conducting the sealice count during the inspection. Training
(0 () () () ()		_	4	records inspected.
(Cross reference to training records – Section d)	Lligh	V	CoCD 4 2 05 5 2 5 4	Appurate identification of anguing and lifectors was absorved during
6.3 Can such personnel demonstrate post training competence?	High	Y	CoGP 4.3.85, 5.3.54	Accurate identification of species and lifestage was observed during
6.4 Do the sample sizes and methods of sampling match the CoGP	Medium	Υ	Annex 6	Five cages were sampled at random and five fish were selected from
suggested protocol (detailed iii – vii)?				each. After each cage, any sealice that remained in the tub of anaesthetic were also counted and recorded.
N.B. Other strategies are acceptable if considered adequate in the			-	anaestrietic were also counted and recorded.
control and reduction of sea lice				
6.5 Is identification and recording of sea lice count information	High	Υ	Annex 6	
including species and stages observed to be correct?				
Minimum recording requirements within the CoGP and NTS are:				
for Caligus elongatus all identifiable stages and for Lepeophtheirus				
salmonis chalimus, mobiles and adult females (with or without egg				
strings) ¹¹				
6.6 Is the transfer of data from field counts to records observed to be	Medium	Υ		Field records are transferred daily and were available for insepction.
satisfactory?				
g. Inspection of treatment administration procedures	Lliab	ly		Manufacturare instructions were followed and correct deserves de-
7.1 Are treatments considered to be administered in an appropriate competent manner?	High	T		Manufacturers instructions were followed and correct dosage was used for the volume of water.
compotentialiner:				ior the volume of water.

				24.5 5. 1554.5. 12, 55, 252			
Point for consideration	Risk level	Satisfactory?	Requirement	Comments and advice given or action taken if necessary			
Consider appropriate use of tarpaulins; completion of medication per prescription, correct concentrations, mixing and administrations, appropriate product used							
7.2 Is accurate information provided to the attending veterinary surgeon for dosage calculation?	High	N/A		A vet was not on site on the day of inspection. Site staff were observed administering the anaesthetic, following manufactureres instructions.			
7.3 Are the fish under consideration being given any other medication, or are they in a withdrawal period for any other medication?		Y	1	Fish were in withdrawel for SLICE on the day of inspection.			
7.4 If so, has the prescribing veterinary surgeon been informed of this?	Medium	N/A	CoGP 4.3.132, 5.3.86				
7.5 Are clear instructions for medication, dosage and administration communicated to the staff responsible for treatment?	High	Y	CoGP 4.3.133, 5.3.87				

Additional actions	Powers	Comments and advice given or action taken if necessary
h. FHI sea lice counts If necessary conduct a sea lice count in accordance with the protocol of the CoGP. Indicate where this procedure has been done and make a record of results within the comments box	Power granted under the Act – section 3 (2) (a)	
i. Collection of samples If necessary collect samples. Indicate if samples have been taken and detail what those samples are and the purpose of their collection	Power granted under the Act – section 3 (3) (a)	
j. Enforcement Notice. If an enforcement notice has been issued then maintain a copy / duplicate and record detail Guidance on completing the Enforcement Notice	Power granted under the Act – Section 6 (2)	

- [1] Scottish Statutory Instrument The Fish Farming Businesses (Record Keeping) (Scotland) Order 2008
- [2] A Code of Good Practice for Scottish Finfish Aquaculture
- [3] Water temperature to be measured at the half way point of the depth of the facility containing the fish, or as close to as possible. For SW cage sites one reading per count may be s
- [4] Recording requirements:- for C. elongatus all identifiable stages and for L. salmonis mobiles and adult females (with or without egg strings)
- [5] Area refers to management area as specified within Part 3 of the industry CoGP or as redefined appropriately
- [6] For reference Annex 6 of the CoGP provides the detail of the NTS

Point for consideration Risk level Satisfactory? Requirement Comments and advice given or action taken if necessary

- [7] FMA = Farm Management Area
- [8] FMS = Farm Management Statement
- [9] FMAg = Farm Management Agreement
- [10] No further action may be required when answering no to this point and yes to 3.18
- [11] Legal recording requirements within the SSI stipulate for Caligus elongatus: mobiles; and for Lepeophtheirus salmonis: non-gravid mobiles and gravid females.
- [12] VMD The Veterinary Medicines Regulations 2013 (SI 2013 No 2033)
- [13] AFSA Aquaculture and Fisheries (Scotland) Act 2007 (as amended)

Case No:	2024-0064			Date of visit:	26/03/2024	4		
Site No:	FS0549	- 1						
	F30349	J		Inspector				
Results Summary	Freq.				te of Notifica	ation		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
			_					
	_							
	+		_					
			_				-	
	+		_					
			_					
			_					
			_					
Report Summary				7				
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, VMD	08/04/2024							
SLA	08/04/2024							
	_							
	+							
	1							



SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0125 Date of Visit 26/03/2024 Site No FS0549 Site Name Tanera Case No 20240064 Inspector

ENHANCED SEA LICE INSPECTION

An enhanced sea lice inspection to ascertain the levels of sea lice and for assessing the measures in place for the prevention, control and reduction of sea lice was conducted in accordance with the Aquaculture and Fisheries (Scotland) Act 2007.

The visit consisted of an inspection of records with regards to sea lice, the stock on site, site procedures with regards to sea lice and the provision of advice.

a) Inspection of sea lice records

The site meets the requirement of current Scottish industry best practice. There were no recommendations made and no further action is required.

b) Inspection of records relating to treatment and control of sea lice

The site meets the requirement of current Scottish industry best practice. There were no recommendations made and no further action is required.

c) Inspection of records relating to farm management groups and area management agreements.

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

d) Inspection of records relating to training and procedures

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

e) Inspection of site and site stock

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

f) Inspection of farm count procedures

An inspection of site staff conducting and recording a sea lice count was carried out. This met the requirements of The Fish Farming Business (Record Keeping) (Scotland) Order 2008 and CoGP. No further recommendations or further action required.

R10

g) Inspection of treatment administration procedures

An inspection of treatment administration procedures was carried out. The site meets the requirement of current Scottish industry best practice. No further recommendations made, or further action required.

Further Action

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

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

Signed:

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

Date: 08/04/2024

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0125
 Date of Visit
 26/03/2024

 Site No
 FS0549
 Site Name
 Tanera

 Case No
 20240064
 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

Reports detailing the results of animal health surveillance carried out by or on behalf of the business and/or Marine Directorate 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 fish farm management agreements and statements and containment and escapes.

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

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

Signed:

Date: 08/04/2024

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

FHI 059, Version 13	Is	sued by: FHI	Date of issue: 12/05/2020
Case No: 2024-0065			Date of visit: 13/03/2024
Time spent on site:	hours	Main Inspec	tor:
Site No: SS0740	Site Name:	Scottish Association for Marin	
Business No: SB0473	Business Name:	Scottish Association for Marir	ne Science
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C): 16.1	Thermometer No:	T172	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA
Dead/weak/abnormally behaving	fish present?	N If yes, see additional info	ormation/clinical score sheet.
Clinical signs of disease observe	d?		ormation/clinical score sheet.
Gross pathology observed?		N If yes, see additional info	ormation/clinical score sheet.
Diagnostic samples taken?		N	
UNI/REG only - if unable to carry	out intended visit detail r	reason below:	

Additional Case Information:

Coral species also held on site Seriatopora sp.

Three species usually held on site (green, edible and purple urchins)

Most experiments usually require species on site for days or weeks

Sea cucumbers (Holothuria forskali) due on site 22/03/2024

The business have not stocked finfish in 3.5 years. No plans to stock with finfish in the near future

Sea lice also on site (Leps)

Water intake is filtered down to 10 microns. UV disinfection of the water is available when needed within each room. Inspection of site and paperwork undertaken by ______, observed by _____.

FHI 059, Version 13		_	Issu	ed by: FHI	_		Date of issue	e: 12/05/2020
Case No:	2024-0065		Site No:	SS0740				
Date of Visit:		13/03/2024]		Inspector(s):			l
Registration/Autho	risation Deta	ails						_
1. Business/site deta	ails summary	checked by s	ite representa	ative?			Υ	
2. Changes made to	details?						Υ	1
Site Details (includ	le cleaner fis	h for all sect	ions)			_		
Total No facilities		95	Facilities sto	cked	95	No facilities	s inspected	95
Species	Coral	Purple sea	Edible sea					
Age group	Mixed	Mixed	Mixed					
No Fish	24	103	112					
Mean Fish Wt	mixed	mixed	mixed					
Next Fallow Date (S	ite)	No plans	•	Next Input Da	ite (Site)	End of Mar	ch	
Recent (last 4 wks)	disease probl	_		N	Any escapes	(since last v	/isit)?	N
If yes, detail:					, ,	`	,	
Movement Records	•							
Movement record		r inspection?						Y
2. Date of last inspe		i inspection:					02/08/2023	
3. Are records comp		ectly entered?	>				02/00/2023	Y
4. Are movement re		•		,				N/A
5. Are records comp								N/A
6. Are health certific				ahle?				N/A
o. Are nearly certino		idolions (odiv	vitii OD) avaiit	abic:				107
Transport Records				. , ,				
1. Are any movemen					_			
If yes, is there a sys	tem in place f	or maintenan	ce of transpo	rtation records	?			
Mortality Records								
1. Mortality records	available for ii	nspection?						Y
2. How are mortalities	es disposed o	f?			Domestic wa	ste - <25kg		
If other detail:								
3. Mortality records	complete and	correctly ent	ered?					Y
Edible sea urchins: 3 dead, Purple sea urchins: 1 dead. No coral mortalities								
4. Recent mortality (last 4 wks):								
	5. Evidence of recent increased/atypical mortalities?							
If yes, facility nos/no mortality per facility/no stock per facility/reason:								
6. Any other peaks in mortality during period checked?								
If yes, detail:	Thiortality du	ing period ci	icckeu:					11
7. Have increased ((nevplained)	mortalities ha	en reported to	o yet or EUI2				N/A
If yes, detail action:	unexplained)	Tiortailles be	errreported to	o vecoi i i i i i				IV/A
	onto' boon re	ported to ELII	2 If no onter	dotaile en mart	colity ovente al	noot		NI/A
8. Have 'mortality ev	rents been re	ported to FHI	r ii no, enter	uetalis on mort	anty events st	ieet.		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?		Y
2. Has the manner and frequency of mortality removal, recording and saf	e disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Minist	ers or veterinary professional of any	
increased (unexplained) mortality at the site been included?		N
4. Has the action that will be taken in the event that the presence or susp	icion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scot	tish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm	n 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, equip	ment, live or dead fish etc.)?	
7. Is documentation available regarding the measures in place to maintai	n 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 or	f, 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: 02/08/2023	- 13/03/2023	

FHI 059, Version 13	Issued by: FHI			Date	of issue: 12
Case Number:	2024-0065 Site No:	SS074	0		
Date of Visit	13/03/2024 Inspector:				
Number of Suscepti	ble species on site				
	ies present = <u>LOW</u> risk			.,	
If susceptible species	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	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 tidal excursion	0	2	10	0
Live shellfish mover	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	5
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	
	Number of suppliers	0	5	10	5
Movements off					
iviovements on	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	0
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	0
	Number of destinations	0	3	6	0
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS	0	4	2	
	management area	0	1	2	2
	Depuration of stock from other businesses sites within MSS management area	0	2	6	6
	Depuration of stock from sites outwith MSS management area	0	4	8	8
	area	U	7	, ,	
Biosecurity	Number of sites	1	2 or 3	≥ 4	
Contacts with other	Sites operating from single shorebase	0	1	2	1
sites	Sites sharing staff and equipment	0	1	5	0
			Yes	No	
	Disinfection of equipment between sites, use of footbath	ıs etc	0	2	0
			Total		58
			Total Risk		58 HIGH

	00010005				10/00/000	7		
Case No:	2024-0065	J		Date of visit	: 13/03/2024	٢		
Site No:	SS0740	1		Inspector				
				ороско	·			
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	+							
	+	-						
	+							
	-							
	+							
Report Summary	1		1	1				
Case Type	Date	Insp	2 nd Insp	1				
ECI	21/03/2024		2 11150					
	+							
	+							
	1							



SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0473 Date of Visit 13/03/2024

SITE NO SS0740 SITE NAME Scottish Association for Marine Science

CASE NO 20240065 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 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:

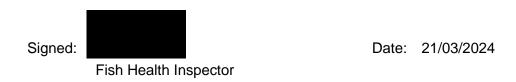
Aquaculture animal and aquaculture animal product movement records were inspected and appeared to be adequately maintained.

Mortality records were inspected and found to be adequately maintained.

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

The biosecurity measures plan for the site was inspected and found to be inadequately maintained. Information has since been provided to the Fish health inspectorate that demonstrates an adequate biosecurity measures plan is now in place. No further action is required.

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



The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2024-0066			Date of visit: 13/03/2024
Time spent on site:	hours	Main Inspec	etor:
Site No: SS0346	Site Name:	Rubha Mor	
Business No: SB0366	Business Name:	The Caledonian Oyster Com	pany
Case Types: 1 ECI	2 3	4 5	6
Water Temp (°C): 9.5	Thermometer No:	T172	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA
Dead/weak/abnormally behaving	fish present?	Y If yes, see additional info	ormation/clinical score sheet.
Clinical signs of disease observe	d?		ormation/clinical score sheet.
Gross pathology observed?		If yes, see additional info	ormation/clinical score sheet.
Diagnostic samples taken?		N	
UNI/REG only - if unable to carry	out intended visit deta	il reason below:	

A few empty shells observed across the site

Some Didemnum vexillum observed on trestles on site. This was reported to the site contact

Species control agreement in operation on the site. Under this agreement any oyster bags affected by D.vex are left to desiccate in the air, above high tide. Compliance were present the day before with regards to the species control agreement. Inspection of the site and paperwork conducted by , observed by

FHI 059, Version 13		_	lss	sued by: FHI	_	Date of iss	ue: 12/05/2020	
Case No:	2024-0066		Site No:	SS0346	6			
Date of Visit:		13/03/2024	9		Inspector(s):			
Registration/Autho	risation Deta	ails						
1. Business/site deta	ails summary	checked by s	site represen	tative?		Y		
2. Changes made to	details?					N		
Site Details (includ	e cleaner fis	h for all sect	tions)					
Total No facilities	c cicarici iis	3000	Facilities st	tocked	3000	No facilities inspected	3000	
Species	CGI	CGI	CGI	OED	OED	140 Idollides inspected		
Age group	2023-2021	2021-2017	7YRS+	2023-2021	3YRS+			
No Fish	372,700	10,470	19,900	350,000	500			
Mean Fish Wt	1g to 60g	60g - 80g	80g+	1g to 50g	50g+			
Next Fallow Date (Si		No plans	oog.	Next Input Da		Summer 2024	•	
Recent (last 4 wks)	•					(since last visit)?	N	
If yes, detail:					rany coccupies	(Cirror rect richt):		
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								
Mortality records a	available for i	nspection?					Y	
2. How are mortalities		•			Other (detail)			
			ole in the ro	ad for the shore	,			
3. Mortality records of							Y	
4. Recent mortality (•	,	None obse	rved			•	
5. Evidence of recent increased/atypical mortalities?							N	
If yes, facility nos/no mortality per facility/no stock per facility/reason:								
y-1, talany title monthly por talany from por talany from por talany from the								
6. Any other peaks in	n mortality du	ring period cl	necked?				N	
If yes, detail:								
7. Have increased (u	inexplained)	mortalities be	en reported	to vet or FHI?			N/A	
If yes, detail action:	•							
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.								

Treatments and Medicines Records	
1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
1. Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certification if required)?	
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: 10/05/2023 - 13/03/2024	

rni uba, version 13	issued by. Frii			Date	or issue. 12
Case Number:	2024-0066 Site No:	SS034	6		
Date of ∀isit	13/03/2024 Inspector:				
Number of Susceptib	ole species on site				
	ies present = <u>LOW</u> risk				
If susceptible species	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	25
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	3
Sites within a tidal ex	xcursion	1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal excursion	0	2	10	2
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	5
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	
	Number of suppliers	0	5	10	10
Movements off	Frequency of movements off within MSS Management Areas	0	1	2	0
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	0
	Number of destinations	0	3	6	0
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	1
	Depuration of stock from other businesses sites within MSS management area	0	2	6	
	Depuration of stock from sites outwith MSS management area	0	4	8	
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	U
			Yes	No	
	Disinfection of equipment between sites, use of footbath	s etc	0	2	0
			Total Risk		49 HIGH

		_				_		
Case No:	2024-0066			Date of visit:	13/03/2024			
Site No:	SS0346			Inspector:				
Populto Cummon	Eroa			Do	te of Notifica	tion		
Results Summary	Freq.	Database	Insp	Phone	Insp	Writing	Insp	and I
		Database	шър	FIIONE	шър	willing	шэр	2 nd Insp
Report Summary				1				
Case Type	Date	Insp	2 nd Insp	1				
ECI	26/03/2024							



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 SB0366
 DATE OF VISIT
 13/03/2024

 SITE NO
 SS0346
 SITE NAME
 Rubha Mor

 CASE NO
 20240066
 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 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 found 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 Directorate since the last Marine Directorate 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: 26/03/2024

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at <u>Fish Health Inspectorate Service Charter - gov.scot</u> (www.gov.scot)

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2024-0067			Date of visit: 14/03/2024
Time spent on site:	2 hours	Main Inspec	ctor:
Site No: FS0468	Site Name:	Loch Tralaig	
Business No: FB0134	Business Name:	Kames Fish Farming Ltd	
Case Types: 1 ECI	2 CNI 3	4 5	6
Water Temp (°C): 5.4	Thermometer No:	T172	FHI 045 completed
Observations:	Region: ST	Water type: F	CoGP MA
Dead/weak/abnormally behaving	fish present?	Y If yes, see additional inf	formation/clinical score sheet.
Clinical signs of disease observe	d?		formation/clinical score sheet.
Gross pathology observed?		N If yes, see additional inf	formation/clinical score sheet.
Diagnostic samples taken?		N	
UNI/REG only - if unable to carry	out intended visit deta	il reason below:	

Business correspondent: change email to: @kames.co.uk

Will not be stocked with RTR below 5g

Any increased mortality will be disposed of in the ensiler at the shorebase (waste disposal note observed). Most mortality is disposed of in the domestic waste skip

Only treatments on site are for sample weights

Triploid stock on site from Kames Broodstock program

Fish due to be moved off the site week after inspection.

Good feed response observed on site

A small number side swimmers observed close to the middle of the cages. Fish were able to right themselves once feeding Inspection of site and paperwork conducted by _____, observed by

FHI 059, Version 13			Issu	ed by: FHI		Date o	of issue: 12/05/	2020
Case No:	2024-0067		Site No:	FS0468				
Date of Visit:		14/03/2024]		Inspector(s):			
Registration/Author	risation Deta	ils						
1. Business/site deta	ils summary	checked by s	ite representa	itive?		Υ		
2. Changes made to	details?					Υ		
Site Details (include	cleaner fis	h for all sect	ions)			_		
Total No facilities		3	Facilities sto	cked	3	No facilities inspe	ected 3	
Species	RTR							
Age group	MVG							
No Fish	45,940							
Mean Fish Wt	200g							
Next Fallow Date (Si	te)	21/03/24		Next Input Da	ite (Site)	~Aug 2024		
Recent (last 4 wks) d	lisease probl	ems?		N	Any escapes	(since last visit)?		N
If yes, detail:								
Movement Records								
1. Movement records	available for	r inspection?						Y
2. Date of last inspec						12/11	/2021	
3. Are records compl		ectly entered?	•					Y
4. Are movement red		•						Y
5. Are records compl	ete and corre	ectly entered?	•					Y
6. Are health certification				able?				N/A
Transport Records								
1. Are any movemen	ts carried out	by (or on be	half) of the bu	siness (not us	ing a STB)?			N
If yes, is there a syste					_			
Mortality Records								
1. Mortality records a	vailable for ir	nspection?						Y
2. How are mortalitie		•			Domestic wa	ste - <25kg		
If other detail:	<u> </u>					<u> </u>		
3. Mortality records of	omplete and	correctly ente	ered?					Y
•		•		h (0.17%), wk	9: 40 fish (0.0	9%), wk 8: 62 fish	(0.13%), wk 7:	89
4. Recent mortality (I	ast 4 wks):		fish (0.19%)	(5 75),			(011070),	
5. Evidence of recent increased/atypical mortalities?								
If yes, facility nos/no		* 1		/reason:				
,	7.		' '					
6. Any other peaks in	mortality du	ring period ch	ecked?					Y
				nd of 2023 into	Jan 2024. In	crease to maximur	m in wk 1 2024	
Slight increase in mortality toward the end of 2023 into Jan 2024. Increase to maximum in wk 1 2024 (302 fish, 0.62%). This was due to bird predation which increased due to slack bird nets. The bird nets								
If yes, detail:				reduced to ba				
7. Have increased (u								N/A
If yes, detail action:							•	
8. Have 'mortality eve	ents' been re	ported to FHI	? If no, enter	details on mort	ality events sl	neet.		N/A

Treatments and Medicines Records		
Recent treatments (see comment)?		Y
If yes, detail:		
If other, detail:		
Medicines records available for inspection?		Y
Are records complete and correctly entered?		N
4. Are fish in a withdrawal period?		N
5. If yes, what treatment(s)?		11
If other, detail:		
		V
6. Are medicines stored appropriately?		
Biographity Bosondo		
Biosecurity Records		V
Biosecurity records available for inspection? Hos the manner and frequency of mortality removal, recording	a and safe dianopal boon considered?	T V
2. Has the manner and frequency of mortality removal, recordin		'
3. Has the manner and period in which the APB will notify Scotti	sh Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?		1
4. Has the action that will be taken in the event that the presence		V
is detected been included and how and when that will be notified		7
5. Has the health status of aquaculture animals being stocked of	on the farm site been covered (equal or nigher	ı
health status, certification if required)?		
		V
6. Have the husbandry and biosecurity measures implemented		1
transmission of disease been covered (movement of staff, visite		V
7. Is documentation available regarding the measures in place t	o maintain the physical containment of	Y
aquaculture animals held on site?		
8. Have the biosecurity procedures been adequately implement	ed 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: 12	/11/21 - 14/03/24	

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2024-0067		Site No:	FS0468		Insp:	
Date of Visit	14/03/2024		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
•	Number of sup	ocluding third country	0			14	0
Movements off	Frequency of m	novements off	1 0	3	6	10	3
Movements on	Number of dest		0		6	10	3
Exposure via water		Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	,	0				
susceptible to same diseases)	farms upstream	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		1
	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	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	•	0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	from zone or compartment of	4				
		from Category III farm	8	1			
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	te only processed.	0	1			
products	Common proce	esses with other farms	3	1			3
	Collection point	t for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	ĺ			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 st	taff and equipment	0	1	2		1
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0	1			0
	No		2				
					Total Rank		12 LOW

Case No:	2024-0067	Site No:	FS0468	
 Is the CoGP Farm M Does the site have a azamethiphos and ema 	Seawater Sites Only) nced sea lice problems in the previous 4 years? lanagement Area (or equivalent) fallowed synchronously or access to a range of licenced in-feed and bath sea lice mediamectin benzoate) as well as access to suitable biological a in a reasonable period of time?	ications (in	cluding deltamethrin,	<u>,</u>
4. Is there a signed doo Management Area (or e	cumented farm management agreement or statement releval equivalent)?	ant to the s	ite and CoGP Farm	
	ecords available for inspection? (Legal SSI, CoGP Annex 6) ely reflect the required standard specified in the SSI and the		egal SSI, CoGP Annex 6)	
7. Are sea lice (<i>L. salm</i> records are inspected?	nonis) record levels below the suggested criteria for treatment (CoGP Annex 6)	ent in the C	oGP during the period that	
	female sea lice (<i>L. salmonis</i>) numbers per fish been at a le 0/6/19) during the period that records are inspected?	vel of 3 or a	above (prior to w/b 10/6/19) or	
•	n reported to the Fish Health Inspectorate? If no, FHI see co			
9. Is C. elongatus infes	station at a level which is considered to cause significant we	elfare probl	ems? (CoGP 4.3.81, 5.3.50)	
suggested criteria for tr	reatments been administered or other actions taken when L reatment or where C. elongatus is considered to have welfar been taken (where applicable)?			
•	reatments or the actions taken had a significant impact upor	n the lice le	evels recorded?	
· ·	ere conducted, carried out in cooperation between participa			
14. Is there a harvestin sea lice?	g strategy for the site, where fewer populations or part popu	ulations are	e held without treatment for	
	ific written lice management procedure with waypoints desc scalation of a sea lice infestation?	cribing set a	actions to deal with recognised	t
16. Do the sea lice leve	els observed on stocks reflect sea lice count data? If no ple	ase detail r	reasons.	
Containment Inspecti				
· ·	nced equipment damage due to predators in the current or ce to mitigate against the predation experienced on site? (D		•	N
	nets, pest control on shore base	Detail Delow	Y)	1
If other, detail below:				
Have escape incide	ents or events been experienced on or in the vicinity of the s	ite since th	e last FHI inspection?	N
	estions 4 – 9. If No skip to question 10			
•	ported to Scottish Ministers?			
•	ported to local DSFB forthwith (where they exist)? (CoGP –			
6. Have these been rep	ported to the SSPO and local fisheries trusts forthwith (when	re they exis	st)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if an	y) used to recover escapees? If yes give detail			
8. If all nets were denic	oyed was this action agreed with local wild fish interests and	d was nerm	nission given by Scottish	
Ministers? (Legal, CoG	SP – 4.4.38, 5.4.18)			
	en to prevent and minimise the risk of further escapes? (No	ot covered i	in code but could	
	r satisfactory measures of the Act) d as satisfactory with regards to containment? If no, please	detail reas	on(s)	Υ
	, , ,			

Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

-								
Case No:	2024-0067	J		Date of visit:	: 14/03/2024	9		
Site No:	FS0468	1		Inspector				
		ı		mopeotor.				
Results Summary	Freq.			Da	te of Notifica	ition		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	-							
	+							
	+							
	 							
	1							
	+							
	+							
	+							
	 							
	1							
Report Summary			T T	1				
Case Type	Date	Insp	2 nd Insp					
ECI, CNI	21/03/2024							
	+							
	+							
	+							
	1							
	+							

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0134 DATE OF VISIT 14/03/2024
SITE NO FS0468 SITE NAME Loch Tralaig
CASE NO 20240067 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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 Directorate 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 inadequately maintained. Information has since been provided to the Fish health inspectorate to demonstrate that documentation is being adequately maintained.

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: 21/03/2024
Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at <u>Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)</u>

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2024-0068			Date of visit: 14/03/2024
Time spent on site:	5 hours	Main Inspe	ector:
Site No: SS0547	Site Name:	South Ardnaclach Farm	
Business No: SB0358	Business Name:	Creran Oysters	
Case Types: 1 ECI 2	2 3	4 5	6
Water Temp (°C): 9	Thermometer No:	T172	FHI 045 completed
Observations:	Region: ST	Water type: S	CoGP MA
Dead/weak/abnormally behaving	fish present?		nformation/clinical score sheet.
Clinical signs of disease observed	d?		nformation/clinical score sheet.
Gross pathology observed?		N If yes, see additional in	nformation/clinical score sheet.
Diagnostic samples taken?		IN	
UNI/REG only - if unable to carry	out intended visit detai	l reason below:	

In the past the manager has observed an increase in mortality around late summer early autumn but this did not occur in 2023. Some open shells observed in the oyster bags in both the Pacific and native oyster stocks. No meat observed and they appear to have been deceased for some time.

Temperature logger on site

FHI 059, Version 13		_	Issı	ued by: FHI	_		Date of issue	: 12/05/2020
Case No:	2024-0068		Site No:	SS0547				
Date of Visit:		14/03/202	4		Inspector(s):			
Registration/Author	risation Deta	ails						
1. Business/site deta	ails summary	checked by	site represent	ative?			Υ	
2. Changes made to	details?						N	
Site Details (includ	le cleaner fis	h for all sec	tions)					
Total No facilities	o cicanor no	550	Facilities sto	ocked	480	No facilitie	s inspected	550
Species	CGI	CGI	CGI	OED	OED			
Age group	2023	2022	2021	2022	2017			
No Fish	140,000	220,000	4,000	5,000	600			
Mean Fish Wt	1g	50g	65g	12g	90g			
Next Fallow Date (S		No plans		Next Input Da		Sept 2024		
Recent (last 4 wks)	disease probl	ems?		N	Any escapes		/isit)?	N
If yes, detail:	·			•		`		
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?								
Martality Dagarda								
Mortality Records 1. Mortality records	available for i	nenection?					г	Y
2. How are mortalities		•			Other (detail)			
If other detail:	Empty shells		air tracks		other (detail)			
3. Mortality records								Y
4. Recent mortality (•			14/02/2024 to 1	4/03/2024			
4. Recent mortality (last 4 wks): 7.5% from 14/02/2024 to 14/03/2024 5. Evidence of recent increased/atypical mortalities?							N	
If yes, facility nos/no mortality per facility/no stock per facility/reason:								
in you, reality from the montainty per reality from per reality from the first fr								
6. Any other peaks i	n mortality du	ring period c	hecked?					N
If yes, detail:								
7. Have increased (unexplained) mortalities been reported to vet or FHI?								N/A
If yes, detail action:	,		·					
8. Have 'mortality ev	ents' been re	ported to FH	I? If no, enter	details on mort	ality events sh	eet.		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?					
Piece and the Beauty					
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	У				
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 dis	ease				
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	er Y				
health status, certification if required)?					
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimi	ise 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?	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: 14/11/2023 to 14/03/2024					

FHI 059, Version 13	Issued by: FHI			Date	of issue: 12
Case Number:	2024-0068 Site No:	SS054	7		
Date of ∀isit	14/03/2024 Inspector:				
Number of Susceptib	ole species on site				
	ies present = <u>LOW</u> risk				
If susceptible species	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	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 tidal				
	excursion	0	2	10	2
Live shellfish moven	nents	0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	5
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	
	Number of suppliers	0	5	10	5
	- Talling of Capping of				
Movements off	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	0
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	
	Number of destinations	0	3	6	0
Management practices		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	0
	Depuration of stock from other businesses sites within MSS management area	0	2	6	
	Depuration of stock from sites outwith MSS management area	0	4	8	
Biosecurity	Number of sites	1	2 or 3	≥ 4	
Contacts with other					
	Sites operating from single shorebase	0	1	2	0
sites	Sites operating from single shorebase Sites sharing staff and equipment	0	1	5	0
sites			1 1 Yes		0
sites		0		5	0
sites	Sites sharing staff and equipment	0	Yes	No No	0

Case No:	2024-0068	J		Date of visit	: 14/03/2024	9		
Site No:	SS0547	1		Inspector				
	000011	ı		mopeotor				
Results Summary	Freq.			Da	ate of Notifica	ition		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	-							
	+							
	1							
	+							
	+							
	+							
	_							
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI	21/03/2024							
	+							



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0358 Date of Visit 14/03/2024

SITE NO SS0547 SITE NAME South Ardnaclach Farm

CASE NO 20240068 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 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.

No animal health surveillance had been carried out on behalf of the business and/or Marine Directorate since the last Marine Directorate 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:

Fish Health Inspector

Date: 21/03/2024

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at <u>Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)</u>

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020			
Case No: 2024-0071			Date of visit: 27/03/2024			
Time spent on site:	nrs	Main In:	spector:			
Site No: FS0056 Business No: FB0447	Site Name: Business Name:	Ardmair Wester Ross Fisheries L	_td			
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD 5	6			
Water Temp (°C): 8.3	Thermometer No:	T152	FHI 045 completed			
Observations:	Region: HI	Water type: S	CoGP MA: M-11			
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N If yes, see additional information/clinical score sheet. N				
UNI/REG only - if unable to carry out intended visit detail reason below:						

Fish came on from Corry Farm (FS0057) (via Loch Merkland (FS0612)). RA available for SW to SW movement. First batch of fish came on in the summer of 2023 and a second batch of the same yearclass was received in February 24. Fish are reported to be performing well with good feed conversions.

Fish on site have been diagnosed with very minor PGD which has been helped by FW treatments, CMS and HSMI, although not causing elevated mortalities. Site has not done any medicinal treatments for sealice since the last inspection. Site manager has had good clearance using FW combined with FLS and cleanerfish. Only medicine that is used on site is tricaine for lice counts.

Wildcaught wrasse and farmed lumpfish have been stocked onto site. 58% mortality in the wrasse has been recorded since input and 31% in the lumpfish.

Site conducts deadhaul harvests to Loch Duarts Dingwall processing plant.

Only site within CoGP MA.

Fish appeared in good physical health on inspection, with the exception of a handful of individuals who were showing some damage to their snouts due to rubbing on the net and some physical damage to flanks and heads which occurred during transfer to site. Some runts were observed but these could not be caught so were not removed during the inspection. Fish sampled for VMD had very good body condition, gills looked good with only very minor signs of PGD observed.

Mortality events above the reporting threshold that were not reported to the FHI as agreed by industry:

- Wk39 2022 1.23%
- Wk52 2022 1.2%
- Wk31 2023 1.07%
- Wk32 2023 1.22%
- Wk33 2023 1.33%

Remote inspection completed on 19/03/24. Site visited on 27/03/24.

FHI 059, Version	13		Issued by: Fh	- 11		Date of issue: 12/05/2020	
Case No:	2024-0071]	Site No:	FS0056			
Date of Visit:		27/03/2024	1		Inspector(s):		
Registration/Au	thorisation De	etails					
1. Business/site	details summai	ry checked by site repre	sentative?			Y	
2. Changes mad	e to details?					Υ	
Site Details (inc	lude cleaner f	ish for all sections)					
Total No facilities		44	Facilities sto	cked	26	No facilities inspected	
Species	SAL	LUM	WRA				
Age group	22 Q4	2024	Wildcaught				
No Fish	185,000	46,754	55,739				
Mean Fish Wt	4.2kg	35g	50g				
Next Fallow Date	(Site)	June 24		Next Input Da	ate (Site)	July 24	
Recent (last 4 wh	ks) disease pro	blems?		Y	Any escapes	(since last visit)?	
If yes, detail:	CMS, HSMI, i	mild PGD					
Movement Reco	ords						
1. Movement rec		for inspection?					
2. Date of last ins		ioi inopostion.				30/08/2022	
3. Are records co	•	rrectly entered?				00/00/2022	
	•	able for dead fish and wa	aste?				
5. Are records co			4010.				
	•	oductions (outwith GB) a	available?				
Transport Reco							
		out by (or on behalf) of the		_	B)?		
If yes, is there a	system in place	e for maintenance of trai	nsportation red	cords?			
Mortality Recor	ds						
1. Mortality recor	ds available for	r inspection?					
2. How are morta	alities disposed	of?			Biogas - Ene	rgen, Cumbernauld	
If other detail:	Stored in skip	s at shorebase prior to	uplift by GoGa	ır.			
Mortality recor	ds complete ar	nd correctly entered?					
			Wk11: 412 (0.21%), Wk10	: 591 (0.3%), \	Wk9: 620 (0.31%) and Wk	
4. Recent mortal	• • •		(0.99%) (FW	and FLS)			
5. Evidence of recent increased/atypical mortalities?							
If yes, facility nos/no mortality per facility/no stock per facility/reason:							
Post transfer in Wk8 combined with FW and FLS.							
Any other peal		during period checked?					
		I.33%, Wk32: 1.27%, W					
If you detail:			38: 2%, Wk37	7: 2.63%, Wk3	6: 1.64%, Wk	35: 4.96%, Wk34: 4.91%,	
If yes, detail:	Wk32: 3.59%			1.110			
7. Have increased (unexplained) mortalities been reported to vet or FHI?							
f yes, detail action: 3. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.							
8. Have 'mortality	y events' been	reported to FHI? If no, e	enter details or	n mortality ever	nts sneet.		

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020			
Treatments and Medic 1. Recent treatments (se						
If yes, detail:	T.M.S.					
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)?

T.M.S.

If other, detail:

6. Are medicines stored appropriately?

Biosecurity Records

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

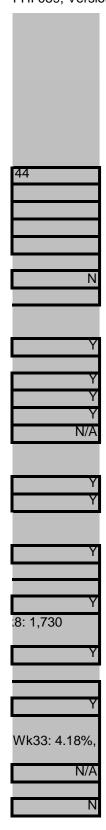
If no, detail:

Results of Surveillance

- 1. Has any animal health surveillance been carried out by, or on behalf of, the business?
- 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: 14/09/2021 - 20/03/24





Case No: 2024-0071 Site No: FS0056 Date of visit: 27/03/2024

Start date:	End date: (if applicable)	Size of fish:	Average weight of affected population:	Species:	Yearclass (SW SAL only):	Timescale	Mortality rate recorded(%):	Explained/ unexplained:	If explained, select reason(s):
26/09/22	02/10/2022	>750g	1.77 Kg	SAL	Q4	Weekly	1.32	Explained	Plankton
26/12/22	01/01/2023	>750g	2.6 Kg	SAL	Q4	Weekly	1.20	Explained	Plankton
31/07/23	06/08/2023	>750g	1.59 Kg	SAL	Q4	Weekly	1.07	Explained	HSMI
07/08/23	13/08/2023	>750g	1.69 Kg	SAL	Q4	Weekly	1.27	Explained	HSMI
14/08/23	20/08/2023	>750g	1.77 Kg	SAL	Q4	Weekly	1.33	Explained	Treatment losses (FW in wellboat)

If unexplained, select observations:	Total mortality during event (if available):	Additional information (e.g. action taken by company):	Action taken by FHI (include case no where applicable):	Yearclass Year
	3126		Retrospective mortality event. Picked up during routine site visit. No further action.	2021
	2855		Retrospective mortality event. Picked up during routine site visit. No further action.	2021
	2841		Retrospective mortality event. Picked up during routine site visit. No further action.	2022
	3327		Retrospective mortality event. Picked up during routine site visit. No further action.	2022
	3460		Retrospective mortality event. Picked up during routine site visit. No further action.	2022

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2024-0071		Site No:	FS0056		Insp:	
Date of Visit	27/03/2024		No of m	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or		0	4.0	26	0
Species	Number of supp	ocluding third country	0		18 10	26 14	0
Movements off	Frequency of m		0		6	10	0
Exposure via water	Ivalliber of desi	Site contacts			6-10		
Water contacts with other farms (holding species	Farm is protect disinfection or b	ed (secure water supply through	0				
susceptible to same diseases)	Farm is on-line	or in a coastal zone with category I	1	2	4		1
		or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm pro	cessing	0				
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0	1			0
products	Common proce	sses with other farms	3				
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	T 0	,]			0
Too or anpaotounous roods	Feeding unpas		5				
Biosecurity	<u> </u>	Number of sites	s 1	J 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	T 0	1	2		0
	Sites sharing st	aff and equipment	0	1	2		1
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator				_			
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total Rank		3 LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2024-0071	Site No: FS0056	
Sea Lice Inspection (Seawater Sites Only) 1. Has the site experienced sea lice problems in the previous 2. Is the CoGP Farm Management Area (or equivalent) fallow 3. Does the site have access to a range of licenced in-feed at azamethiphos and emamectin benzoate) as well as access the and can these be deployed in a reasonable period of time? 4. Is there a signed documented farm management agreeme Management Area (or equivalent)? 5. Are sea lice count records available for inspection? (Legal 6. Do records adequately reflect the required standard specifications)	4 years? ved synchronously on a single year class and bath sea lice medications (including do a suitable biological and/or mechanical count or statement relevant to the site and Country (SSI, CoGP Annex 6) and the CoGP? (Legal SSI, CoGP and the CoGP? (Legal SSI, CoGP Annex 6)	eltamethrin, ontrol measures, oGP Farm Y Y Y Y Y Y Y Y Y
 Are sea lice (L. salmonis) record levels below the suggester records are inspected? (CoGP Annex 6) 	ed criteria for treatment in the CoGP during	ng the period that N
 Have average adult female sea lice (L. salmonis) numbers or 2 or above (from w/b 10/6/19) during the period that record 	· ·	ior to w/b 10/6/19) Y
If yes, have these been reported to the Fish Health Inspectors 9. Is <i>C. elongatus</i> infestation at a level which is considered to 5.3.50)		Y N N
10. Have therapeutic treatments been administered or other a suggested criteria for treatment or where <i>C. elongatus</i> is con 11. Has any other action been taken (where applicable)?		
11. Has any other action been taken (where applicable): 12. Have therapeutic treatments or the actions taken had a si 13. Are treatments, where conducted, carried out in cooperat 14. Is there a harvesting strategy for the site, where fewer police?	ion between participating farms?	N/A
15. Is there a site specific written lice management procedure recognised scenarios during the escalation of a sea lice infes		deal with Y
16. Do the sea lice levels observed on stocks reflect sea lice	count data? If no please detail reasons.	Y
Containment Inspection 1. Has the site experienced equipment damage due to predat 2. Are measures in place to mitigate against the predation ex Sealpro nets,		cycles? N Y
If other, detail below:		
3. Have escape incidents or events been experienced on or of the state	hey exist)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if any) used to recover escapees? If yes gi	ve detail	
8. If gill nets were deployed was this action agreed with local Ministers? (Legal, CoGP – 4.4.38, 5.4.18) 9. What action was taken to prevent and minimise the risk of be considered under satisfactory measures of the Act) 10. Is the site inspected as satisfactory with regards to contain	further escapes? (Not covered in code bu	

TH 050 Version 40	January III	Data of increase 40/05/0000
FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2024-0071	Site No: FS0056	
Date of Visit: 27/03/2024	Inspector:	
Point of Compliance		
 Is the farm under inspection located w 	vithin a farm management area?	Y
If N, no further questions require comple		<u> </u>
•	Management Agreements and Statement	
z. Has a current farm management agre	ement or statement (FMAg/S) been prepar	rea?
4. Does the FMAg/S identify the relevant	•	Y
5. Does the FMAg/S identify the fish farm	•	Y
	commencement of the agreement or stater	ment? Y
7. Does the FMAg/S identify the date of r	review?	Y
Arrangements for Fish Health Manage	ement	
8. Does the FMAg/S identify the minimur	m health standards for the stocks to be intro	oduced to the area or Y
farm?	de la companya de la	(0
	tion requirements for stocks held in the are s of fish which may be stocked into the are	
	ium stocking density of any pen on any farr	
individual farm?	and occounting denient, or any periodically rain	
	ements for the storage and disposal of any	dead fish from any
fish farm in the area or the individual far	m?	
Arrangements for The Management of	f Sea Lice	
13. Does the FMAg/S identify arrangeme	ents for the sharing of data on sea lice num	bers and treatments?
14 Does the FMAg/S identify the availab	oility and the use of medicines on farms cov	vered by the agreement
of statement?	mily and the use of medicines of farms cov	vered by the agreement
	ements for the sensitivity testing of availabl	e treatments for sea
lice on farms in the area or individual farm		
16. Does the FMAg/S identify the circum used on farms in the area or individual fa	stances under which biological controls and	d cleaner fish are to be
	ements for synchronous treatments on farr	ms within the area?
Live Fish Movements	atanaga whan live field may be introduced	or removed from the
18. Does the FMAg/S identify the circum: area or farm?	stances when live fish may be introduced of	
	ements for the movement of live fish on an	nd off sites in the area
or individual farms?		

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

Г	HI 059, Version 13							iss	uea by:	гпі			
	Case no:	2024-00)71	Site No:		FS0056			Date of Samplin		27/	03/2024	27/0
	Priority samples:	VI		ВА		PA		MG		HI]	
	Time sampling starts/ends:	11:0	0:00	11:3	0:00		Inspecto	or:			VMD No	o. 	3
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI		PA		Total Sa	mples
Δ	Add Fish/Pools - click												
		F1											
	Fish nos	FI											
	Pool Group	CAL											
	Species	SAL											
	Average weight	4.2kg											
	Sex	N/A											
	Water Type	SW											
Stock Details		Corry Farm FS005/ (x Loch Merkland FS0612)											
U	oli acility NO	15											

03/2024	03/2024 Additional Sample Information:												
	Fish was humanely dispatched by percussive blow.												
0	0 Total Tests assigned 0												

Case No:	2024-0071			Date of visit:	27/03/2024				
Site No:	FS0056]		Inspector:					
Results Summary	Freq.	Database	Insp	Phone Da	te of Notifica Insp	Writing	Insp	2 nd Insp	
		Databacc	шор	1 110110	шор	vviiding	пор	z IIISp	
							-		
							=		
Report Summary]					
Case Type	Date	Insp	2 nd Insp						
ECI, CNI, SLI, VMD	08/04/2024								

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0447
 Date of Visit
 27/03/2024

 Site No
 FS0056
 Site Name
 Ardmair

 Case No
 20240071
 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

Records

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

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

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

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

Mortality records were inspected and found to be adequately maintained.

Mortality levels had exceeded the reporting criteria since the last inspection and had not been reported to the Fish Health Inspectorate. I would like to remind you of the industry agreement in relation to mortality reporting as detailed in A Code of Good Practice for Scottish Finfish Aquaculture.

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

Signed:

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

Date: 08/04/2024

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020				
Case No: 2024-0075		Date of visit: 13/03/2024				
Time spent on site:		Main Inspector:				
	Name: Stulaigh ness Name: Mowi Scotland Lt	d				
Case Types: 1 REG 2	3 4	5 6				
Water Temp (°C): Thern	mometer No:	FHI 045 completed				
Observations: Regio	on: WI Water type:	S CoGP MA: W-20				
Dead/weak/abnormally behaving fish pre Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken?	N/A If yes, see a	dditional information/clinical score sheet. dditional information/clinical score sheet. dditional information/clinical score sheet.				
UNI/REG only - if unable to carry out intended visit detail reason below:						
	Weather did not permit site visit					

Additional Case Information:

Input of lumpfish (103720) - 7th Feb 2024, Ocean Matters.

Pseudomonas suspected to be currently causing a few mortalities (4.5% since input)

Stock Origin: Loch Garry, Loch Lochy.

Aquagen, Mowi Ireland (fanad).

Staggered stock input in 2023: 12/10, 14/10, 16/10, 24/10, 9/11, 21/11

Increased mortality:

19th Nov, 2023, 6561, hydrogen peroxide AGD,

20th Nov, 2023, 1703, hydrogen peroxide AGD,

21th Nov, 2023, 6075, hydrogen peroxide AGD,

Lumpfish mortality:

2024: Wk7,532,0.51%; Wk8, 378,0.37%; Wk9, 515,0.50%; Wk10, 3105,3.04%;

Attributed above with transport losses and Pseudomonas in wk 10.

Treatments:

09-14/11/2023 - Slice; 13-19/12/2023 slice for latter pens

15-18/12/2023- paramove peroxide, gill inflammation

08/01 to 09/02/2024 - paramove; delousing and gill inflammation, (not everyday because storms, so drawn out longer)

Next planned treatment - FW- treatment following results that showed samples were 80% positive for AGD .

12/02/2024- health visit: AGD present

08/03/2024- last health visit, and taken swabs for Pseudomonas.

health team - out every once every two weeks. Swabs also done by site team and sent to own lab.

Paperwork inspected remotely on 13/03/2024.

Weather did not permit to conduct site inspection on 20/03/2024.

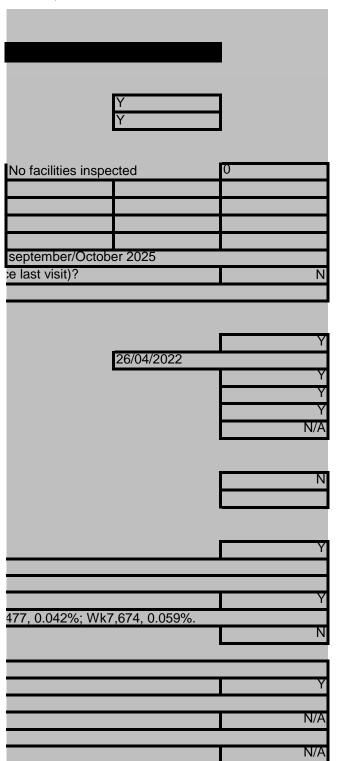
Date of issue: 12/05/2020 FHI 059, Version 13 Issued by: FHI 2024-0075 FS1259 Case No: Site No: 13/03/2024 Date of Visit: Inspector(s): **Registration/Authorisation Details** 1. Business/site details summary checked by site representative? 2. Changes made to details? Site Details (include cleaner fish for all sections) Total No facilities 14 Facilities stocked 12 **Species** SAL LUM Age group 2023 Q4 2023 No Fish 1,141,834 991,090 Mean Fish Wt 941g 40g Next Fallow Date (Site) Next Input Date (Site) March/April 2025 Recent (last 4 wks) disease problems? Y Any escapes (sinc If yes, detail: AGD In SAL, and Pseudomonas in LUM **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? 2. How are mortalities disposed of? Other (detail) If other detail: Whiteshore Cockles 3. Mortality records complete and correctly entered? Recent mortality (last 4 wks): 2024: WK10, 515, 0.045%; Wk9, 487, 0.043%; Wk8, 5. Evidence of recent increased/atypical mortalities? If yes, facility nos/no mortality per facility/no stock per facility/reason: 6. Any other peaks in mortality during period checked? If yes, detail: see additional info 7. Have increased (unexplained) mortalities been reported to vet or FHI? If yes, detail action:

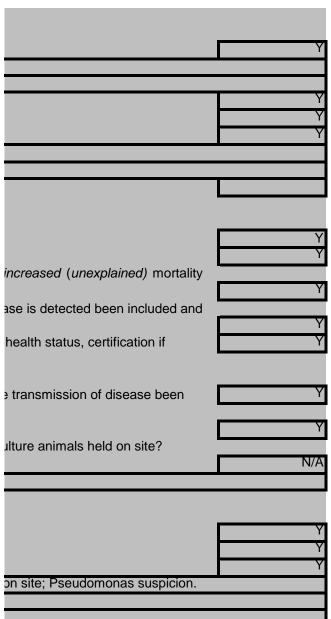
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.

711 000, 10101011 10	
Treatments and Medicines Records	
Recent treatments (see comment)?	
If yes, detail: T.M.S, Para	move
If other, detail:	
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)?	T.M.S
If other, detail:	
6. Are medicines stored appropriately?	
Biosecurity Records	
1. Biosecurity records available for inspection?	
2. Has the manner and frequency of mortality rea	moval, 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
at the site been included?	
	nat the presence or suspicion of the presence of a listed disea
how and when that will be notified to Scottish M	
5. Has the health status of aquaculture animals I required)?	being stocked on the farm site been covered (equal or higher
6. Have the husbandry and biosecurity measures covered (movement of staff, visitors, equipment,	s implemented between each epidemiological unit to minimise live or dead fish etc.)?
7. Is documentation available regarding the mea	sures in place to maintain the physical containment of aquacu
8. Have the biosecurity procedures been adequa	· · · · · · · · · · · · · · · · · · ·
If no, detail:	
Results of Surveillance	
Has any animal health surveillance been carri-	ed out by or on behalf of the business?
2. If yes, are results available for inspection?	a satisfy of our politic of the publicoot.
3. Any significant results?	
If yes, detail (if not detailed under recent disease	problems). AGD still present of
20/02/ 2024 000/ of recults resitive for ACD of	. ,

29/02/ 2024- 80% of results positive for AGD, still awaiting rest results from other pens.

Records checked between: 12/10/2023-13/03/2024





FHI 059, Version 13		Issued by: FHI			Date	of issue	: 12/05/2020
Case Number:	2024-0075		Site No:	FS1259		Insp:	
Date of Visit	13/03/2024		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	0	10	26	0
оросно	Number of supp	ocluding third country	0			26 14	0
							10
Movements off	Frequency of m		0			10	10
Exposure via water	Number of desi	Site contacts				10	
Water contacts with other	Farm is protect	ed (secure water supply through		<u> </u>	1 10		
farms (holding species	disinfection or b	oorehole)	0				
susceptible to same diseases)		or in a coastal zone with category I	1	,	4		2
uiseases)		or within 1 tidal excursion or in a coastal zone with category III	1	2	4		
		or within 1 tidal excursion	1	3	6		
	Farm is on-line	or in a coastal zone with category V					
	farms upstream	or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with	Any processing	plant discharging into adjacent waters					
processors			0	1	2		0
On farm processing within	No on farm pro	cessing	0				0
the rules of the directive	Processing owr	n fish (re-cycling risk)	1	-			
	Processing fish	from MS of equivalent status	2	-			
		from zone or compartment of					
	equivalent statu		4				
	Processing fish	from Category III farm	8				
	Processing fish	from Category V farm	10				
Disposal of fish and fish by-	Site's own wast	e only processed.	0	<u></u>			
products	Common proce	sses with other farms	3				3
	Collection point	for waste from other farms	5	-			
Use of unpasteurised feeds	No feeding of u	npasteurised feed	<u> </u>]			0
ose of unpasteurised feeds	Feeding unpast	•	5				0
Biosecurity	r ccarry arrpas	Number of sites			≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0		2		1
		aff and equipment	0		2		0
			0	'			0
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1				
CoGP/Regulator							
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
				1			
Platform access to cages	Yes		0				0
	No		2				
					Total		19
					Rank		MEDIUM
					Karik		WEDION!

Case No: 2024-0075 Site No: FS1259

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 equivalent) fallowed synchronously on a single year class basis?
- 3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos an benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable time?
- 4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area equivalent)?
- 5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
- 6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
- 7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are (CoGP Annex 6)
- 8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or about 10/6/19) during the period that records are inspected?

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

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

Containment Inspection

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

Bird Top nets, added line to the headline, tensioned Seal Pro nets

If other, detail below:

- 3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?
- If Yes proceed with questions 4 9. If No skip to question 10
- 4. Have these been reported to Scottish Ministers?
- 5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP 4.4.37, 5.4.17)
- 6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP 4.4.37, 5.4.17)
- 7. Were methods (if any) used to recover escapees? If yes give detail
- 8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Le 4.4.38, 5.4.18)
- 9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could

be considered under satisfactory measures of the Act)

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

	N
	Y Y
d emamectin	Υ
e period of	
ı (or	Υ
1 (01	'
	Υ
	Y Y
inspected?	Υ
	N
ove (from w/b	N
	N/A
	N
criteria for	Υ
	v
	Y
	Y Y
	Y
os during the	Υ
3	
	N/A
	N
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	N
egal, CoGP –	
egal, CoGP –	
∍gal, CoGP –	
≽gal, CoGP –	IN/A
∍gal, CoGP –	N/A

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
	Site No: FS1259	Date of 133de. 12/00/2020
Case No. 2024-0073	1 0 12 3 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3	
Date of Visit: 13/03/2024	Inspector:	
Point of Compliance		
1. Is the farm under inspection located wi	ithin a farm management area?	Y
If N, no further questions require complet		
·	lanagement Agreements and Statement	
2. Has a current farm management agree 3. Is the current FMAg/S available for ins	ement or statement (FMAg/S) been prepar	Y Y
4. Does the FMAg/S identify the relevant	•	Y Y
5. Does the FMAg/S identify the fish farm		Y
	commencement of the agreement or staten	nent? Y
7. Does the FMAg/S identify the date of re	eview?	Y
Arrangements for Fish Health Manage	ment	
8. Does the FMAg/S identify the minimum	n health standards for the stocks to be intro	oduced to the area or Y
farm?		
•	ion requirements for stocks held in the areas s of fish which may be stocked into the area	
	um stocking density of any pen on any farn	
individual farm?	and discounting deficitly of any pention any family	Thirting died of the
	ements for the storage and disposal of any	dead fish from any
fish farm in the area or the individual farr	n?	
Arrangements for The Management of	Sea Lice	
13. Does the FMAg/S identify arrangement	nts for the sharing of data on sea lice num	bers and treatments?
14 Doos the EMAG/S identify the available	ility and the use of medicines on forms cov	vered by the agreement
of statement?	ility and the use of medicines on farms cov	reled by the agreement
15. Does the FMAg/S identify any require	ements for the sensitivity testing of available	e treatments for sea
lice on farms in the area or individual farn		
	stances under which biological controls and	d cleaner fish are to be
used on farms in the area or individual fail	rms? ements for synchronous treatments on farn	ns within the area?
The book that I wing, a lacitury the arrange	Silvente for Syricino floud flouring file fall	The Maint are area.
Live Fish Movements		
18. Does the FMAg/S identify the circums area or farm?	stances when live fish may be introduced o	
	ements for the movement of live fish on and	d off sites in the area
or individual farms?		

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable	harvest practices on farms in the area or indiv	vidual farms?
date when a farm or area may be restock 22. Does the FMAg/S identify whether one agreement or statement?	y which the area or individual farm will be fallo ed? e or more year classes may be stocked onto s oodstock or potential broodstock are to be kep	sites covered by the
Point of Compliance for Farm Manager 24. Does the farm management agreeme parties to the agreement?	ment Agreements Only ent include arrangements for persons to becon	ne, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and op 26. What is the version no/date of issue o	perated in accordance with the agreement or of the FMAg/S? 01/09/2023	statement? Y

Case No:	2024-0075			Date of visit:	13/03/2024	1				
Site No:	FS1259	1	Inspector:							
Results Summary	Freq.			Da	ite of Notifica	ation				
Results Summary	1 164.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
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Report Summary			nd							
Case Type	Date	Insp	2 nd Insp							
REG	28/03/2024									
	<u> </u>									



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0119 Date of Visit 13/03/2024
Site No FS1259 Site Name Stulaigh
Case No 20240075 Inspector

On this occasion the site could not be inspected due to adverse weather conditions not permitting the site to be visited. An inspection will be rescheduled at a later date.

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:

Mortality records were inspected and found to be adequately maintained.

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

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

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.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site records were 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 fish farm management agreements and statements.

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

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



The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

FHI 059, Version 13		Issued by: FHI		Date of is	ssue: 12/05/2020	
Case No: 2024-0076				Date of visit: 1	3/03/2024	
Time spent on site:	hr	\neg	Main Inspecto	or:		
Site No: FS0865 Business No: FB0119	Site Name: Business Name:	Marulaig Bay Mowi Scotland L	td			
Case Types: 1 REG 2	3	4	5	6		
Water Temp (°C):	Thermometer No:			FHI 045 complet	ed	
Observations:	Region: WI	Water type:	S	CoGP MA:	W-20	
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? N/A If yes, see additional information/clinical score sheet. N/A If yes, see additional information/clinical score sheet. N/A If yes, see additional information/clinical score sheet.						
Diagnostic samples taken?		Ш				
UNI/REG only - if unable to carry out intended visit detail reason below:						
	Weather	did not permit site visi	t			

Additional Case Information:

Stock origin: Glenfinnan (Aquagen), Loch ness (Stofinfiskur)

Lumpfish - first batch came with lorry on 26/11/2023; second batch arrived with wellboat in wk 6 2024 (w/b 05/02/2024).All lumpfish stock from Ocean Matters. Only one movement occurred since last inspection.

Hydrogen peroxide treatments 2024:

04/01 to 08/01

06/02 to 16/02 (all pens)

Pen 11 and 12 treated twice

FW treatments - conducted for 6/7hrs

Lumpfish mortality- last 4 weeks

wk10, 2414, 4.98%, wounds & fin damage; Wk9, 1721, 3.43%, wounds & fin damage; Wk8, 523, 1.03%, wounds & fin damage; Wk7, 119, 0.23%, wounds & fin damage. Wound and fin damage attributed to transport and handling.

Lumpfish mortality - other peaks

 2023 wk51
 24,276
 40.04% (emaciation)

 2023 wk52
 15,971
 43.93% (emaciation)

 2024 wk1
 10,343
 50.73% (emaciation)

 2024 wk2
 8,663
 86.25% (emaciation)

 2024 wk3
 584
 42.29% (emaciation)

Emaciation as a result of fish deployed at unsuitable weight for site. Note has been made by health manager that fish need to be over 40g in the future.

Health team out every two weeks; last health report 12/02/2024. AGD identified as an issue on site since 2023, with pen 12 being worst affected.

Paperwork inspected remotely on 13/03/2024.

Weather did not permit to conduct site inspection on 20/03/2024

FHI 059, Versio	on 13		Issued	l by: FHI		Date of is	ssue: 12/05/2020
Case No:	2024-0076		Site No:	FS0865			
Date of Visit:		13/03/2024	1		Inspector(s):		
_		etails ary checked by s	ite representativ	/e?			Y N
Site Details (in Total No facilities Species Age group		fish for all sect 12 LUM 2023/2024	ions) Facilities stock	ed	12	No facilities ins	pected
No Fish	1,193,368 1.194kg	44,829 55g					
Mean Fish Wt Next Fallow Da Recent (last 4 If yes, detail:		March 2025		Next Input Date Y		October 2025 (since last 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 mov	vements carried	out by (or on be		ness (not using a tion records?	a STB)?		
Mortality Records 1. Mortality records available for inspection? 2. How are mortalities disposed of? If other detail: Lined mort bins and taken away by lorry to Whiteshore cockles 3. Mortality records complete and correctly entered? 4. Recent mortality (last 4 wks): 2024: Wk10, 3062, 0.279%; Wk9, 3433,0.31; Wk8,1295, 0.117%; Wk7, 1140, 5. Evidence of recent increased/atypical mortalities? If yes, facility nos/no mortality per facility/no stock per facility/reason:							
If yes, detail: 7. Have increa If yes, detail ac	lumpfish morta sed (unexplaine ction:	during period chality see additionad) mortalities be reported to FHI	al info en reported to v	et or FHI? tails on mortality	events sheet.		

HI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Freatments and Medicines Records		
Recent treatments (see comment)?		
If yes, detail: T.M.S,		
f other, detail:		
2. Medicines records available for inspe	ection?	
3. Are records complete and correctly e		
I. Are fish in a withdrawal period?		
5. If yes, what treatment(s)?	T.M.S	
f other, detail:	10	
6. Are medicines stored appropriately?		
Biosecurity Records		
. Biosecurity records available for insp	ection?	
	ortality removal, recording and safe disposal beer	n considered?
• •	the APB will notify Scottish Ministers or veterinar	
I. Has the action that will be taken in the been included and how and when that	e event that the presence or suspicion of the pre will be notified to Scottish Ministers?	sence of a listed disease is detected
5. Has the health status of aquaculture certification if required)?	animals being stocked on the farm site been cov	rered (equal or higher health status,
•	measures implemented between each epidemiol staff, visitors, equipment, live or dead fish etc.)?	•

7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals

held on site?

If no, detail:

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

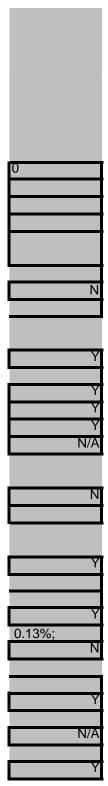
8. Have the biosecurity procedures been adequately implemented on site?

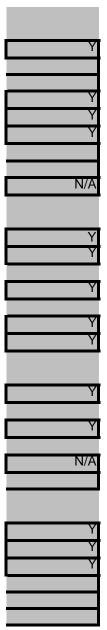
- 2. If yes, are results available for inspection?
- 3. Any significant results?

If yes, detail (if not detailed under recent disease problems).

AGD, specifically affecting pen 11 and 12.

Records checked between: 12/12/2023-13/03/2024





FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2024-0076		Site No:	FS0865		Insp:	
Date of Visit	13/03/2024		No of mo	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	0
·	Number of sup	ncluding third country pliers	0		10	14	0
Movements off	Frequency of m		0	3	6	10	10
Movements on	Number of des		0		6	10	3
Exposure via water	,	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	•	0				
susceptible to same diseases)	farms upstrean	or in a coastal zone with category In or within 1 tidal excursion	1	2	4		2
	farms upstrean	or in a coastal zone with category III 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		0				0
	Processing own	n fish (re-cycling risk)	1				
		from MS of equivalent status	2				
	Processing fish equivalent state	from zone or compartment of	4				
		rfrom 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				
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		0
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				
code of practice	No		3				
Platform access to cages	Yes		0				0
	No		2				
					Total		19
					Rank		MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
FHI 059, Version 13	Issued by: FHI	Date of issue: 12/0

Case No: 2024-0076 Site No: FS0865

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 equivalent) fallowed synchronously on a single year class basis?
- 3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos an benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable time?
- 4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area equivalent)?
- 5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
- 6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
- 7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are (CoGP Annex 6)
- 8. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or about 10/6/19) during the period that records are inspected?

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

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

Containment Inspection

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

Tensioned nets, bird nets, twined to the hand rail with creel clips, HDPE (Seal pro) nets

If other, detail below:

- 3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?
- If Yes proceed with questions 4 9. If No skip to question 10
- 4. Have these been reported to Scottish Ministers?
- 5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP 4.4.37, 5.4.17)
- 6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP 4.4.37, 5.4.17)
- 7. Were methods (if any) used to recover escapees? If yes give detail
- 8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Le 4.4.38, 5.4.18)
- 9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could

be considered under satisfactory measures of the Act)

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

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
	Site No: FS0865	Date of 166de. 12/66/2626
Date of Visit: 13/03/2024	Inspector:	
Point of Compliance		
Is the farm under inspection located with		Υ
f N, no further questions require completi	on.	
Points of Compliance for Both Farm M	anagement Agreements and Statements	
	ement or statement (FMAg/S) been prepare	ed?
3. Is the current FMAg/S available for insp		Y
 Does the FMAg/S identify the relevant f Does the FMAg/S identify the fish farm 	•	Y
•	ommencement of the agreement or statem	nent?
7. Does the FMAg/S identify the date of re		Y
Arrangements for Fish Health Manager	ment	
	n health standards for the stocks to be intro	oduced to the area or
arm?		
•	on requirements for stocks held in the area	
	of fish which may be stocked into the area Im stocking density of any pen on any farm	
ndividual farm?	and the standing deficitly of any point on any family	Third area of the
	ements for the storage and disposal of any	dead fish from any
ish farm in the area or the individual farm	ስ?	
Arrangements for The Management of		
Does the FMAg/S identify arrangement	nts for the sharing of data on sea lice numb	pers and treatments?
14. Does the FMAg/S identify the availabil	lity and the use of medicines on farms cover	ered by the agreement
of statement?		
	ments for the sensitivity testing of available	e treatments for sea
ice on farms in the area or individual farm	ns <i>?</i> stances under which biological controls and	d cleaner fish are to be
used on farms in the area or individual far		d cleaner fish are to be
17. Does the FMAg/S identify the arrange	ements for synchronous treatments on farm	ns within the area?
Live Fish Movements		
	stances when live fish may be introduced o	r removed from the
area or farm?		
19. Does the FMAg/S identify the arrange or individual farms?	ements for the movement of live fish on and	d off sites in the area

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable h	narvest practices on farms in the area or indiv	vidual farms?
date when a farm or area may be restocke		
22. Does the FMAg/S identify whether one agreement or statement?	or more year classes may be stocked onto s	sites covered by the Y
23. Does the FMAg/S identify whether broccovered by the agreement or statement?	odstock or potential broodstock are to be kep	t on any site
Point of Compliance for Farm Managem 24. Does the farm management agreement parties to the agreement?	nent Agreements Only nt include arrangements for persons to becom	ne, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and op 26. What is the version no/date of issue of	perated in accordance with the agreement or some the FMAg/S? 01/09/2023	statement?

Case No:	2024-0076			Date of visit:	13/03/2024			
Site No:	FS0865			Inspector:				
Results Summary	Freq.	Database	Insp	Da Phone	te of Notifica Insp	Writing	Insp	ond I
		Dalabase	шэр	FIIOHE	шър	vviitiig	шър	2 nd Insp
			-					
			-					
Report Summary				1				
Case Type	Date	Insp	2 nd Insp	1				
REG	28/03/2024							



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0119Date of Visit13/03/2024Site NoFS0865Site NameMarulaig BayCase No20240076Inspector

On this occasion the site could not be inspected due to adverse weather conditions not permitting the site to be visited. An inspection will be rescheduled at a later date.

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:

Mortality records were inspected and found to be adequately maintained.

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

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

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.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site records were 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 fish farm management agreements and statements.

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

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



The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

FHI 059, Version 13	I	ssued by: FHI		Date o	f issue: 12/05/2020
Case No: 2024-0095				Date of visit:	25/03/2024
Time spent on site:	hours	_	Main Inspector	r:	
Site No: FS0226 Business No: FB0119	Site Name: Business Name:	Inchmore Mowi Scotland L	_td		
Case Types: 1 ECI	2 CNI 3 VMD	4	5	6	
Water Temp (°C): 11.3	Thermometer No:	Site		FHI 045 comp	leted Y
Observations:	Region: HI	Water type:	: F	CoGP MA:	
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	· · · · · · · · · · · · · · · · · · ·	Y If yes, see a	additional inforn	mation/clinical s mation/clinical s mation/clinical s	core sheet.
UNI/REG only - if unable to carry	out intended visit detail	reason below:			

Additional Case Information:

Last inspection to site was a diagnostic on 08/08/2023. Records have been checked from last ECI inspection 18/04/2023.

4 hatcheries, 2 fry units and 2 smolt units

Waste - if large volumes they will get an uplift to Barkip Biogas.

Started vaccinating in week 10 and will be vaccinating for another week.

Recent Mortalities: Q3s - Wk9: 1.46% (59,472), Wk10: 0.7% (27,891), Wk11: 0.75% (29,803), Wk12: 0.42% (16,640) - all mortalities due to failed hatchings and fish deformities. Q2s - Wk9: 0.05% (2333), Wk10: 2.23% (94,888), Wk11: 1.11% (46,276), Wk12: 1.48% (60,854) - all mortalities were due to failed hatchings (just finished hatching late last week).

Previous mortality peaks over threshold: the Q3's for 2023 Wk30: 9.39% (172,726 fish) - after the jump in mortalities the health team investigated and concluded mortalities were due to specific genetics - Only 0.9% mortalities during this week were from the stokinfisker fish.

Bath treatments - Smolts: Aquacen and Pyceze 23/03/2025 (500dd). Last year due to compromised eggs there were lots of fungus resulting in bronopol formaldehyde and Cress treatments.

Health report 20/02/2024: 1/14 tested fish was positive for flavobacterium psychrophilum. Fish were sampled and tested after some fish in Fry B were lethargic and had lesions on their sides. Fish sampled showed nothing of significance internally except lethargic fish had not been feeding.

Week 4 and 5 2024 eggs were culled out (2.5million) due to failed eggs (Aquagen stock) - lost 16.09% (302,098 eggs) in the first week on site.

Site's own thermometer used due to biosecurity

Paperwork and physical inspection carried out 25/03/2024. During physical inspection, 3 tanks in the fry units had approx. 2 or 3 mortalities. Fish in the fry and smolt units were swimming well and in tanks that were being fed (some tanks were on starve due to upcoming vaccinations), good feed responses were seen. Fish that had just been vaccinnated and transfered into the smolt units had recovered from the anaesthetic and were shoaling well. In the hatcheries, staff were picking out fish with deformaties. Fish for VMD sampling were taken from the fry units (pre vaccinaction) - all fish appeared healthy for externally and internally.

FHI 059, Version 13			Issu	ued by: FHI			Date of issu	ue: 12/05/2020
Case No:	2024-0095]	Site No:	FS022	6			
Date of Visit:		25/03/202	4		Inspector(s):		
Registration/Author	orisation Det	ails						
1. Business/site det			site represent	ative?			Υ	7
2. Changes made to	•	, , , , , , ,					N	1
Site Details (includ	le cleaner fis	sh for all sec	tions)					
Total No facilities		49	Facilities sto	ocked	36	No facilities	s inspected	49
Species	SAL	SAL	SAL	1				
Age group	2024 Q2	2024 Q3	2024 Q4					
No Fish	3,058,798	3,972,274	4,157,881					
Mean Fish Wt	53.8g	0.1g	0.1g					
Next Fallow Date (S		Continuous		Next Input D	ate (Site)	April 2024		•
Recent (last 4 wks)	•		0,0.0		` ′	es (since last v	risit)?	I N
If yes, detail:	alcodes pros				Thirty occup	00 (011100 1401 1	10.1.)	
, 00, 00.0								
Movement Record	S							
1. Movement record	ls available fo	or inspection?	•					Y
2. Date of last inspe		· ·					08/08/2023	•
3. Are records comp		rectly entered	l?					Y
4. Are movement re		•		?				Y
5. Are records comp				•				Y
6. Are health certific		•		able?				Y
Transport Records								
1. Are any moveme		• '		,	· · ·	?		Y
If yes, is there a sys	tem in place	for maintena	nce of transpo	ortation records	s?			Y
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortaliti		•			Incinerated	d - on site		•
If other detail:								
3. Mortality records	complete and	d correctly en	tered?					Y
				01% (406) W	k10: 0.05%	(1514), Wk11:	0.05% (150	6) Wk12·
4. Recent mortality	(last 4 wks):		0.03% (988		11.01.010070	(1011), 111111	0.0070 (100	0), *****
5. Evidence of recei	•	atypical morta		,				N
If yes, facility nos/no		• •		v/reason:				
,,,	тите температуру			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
6. Any other peaks	in mortality di	uring period o	hecked?					I N
If yes, detail:		ин у ролос с						•
7. Have increased (unexplained)	mortalities be	een reported t	to vet or FHI?				N/A
7. Have moreasea (апохріаніса)	THORIGINGS BY	con reported t	o vet of fini.				,,
If yes, detail action:								
8. Have 'mortality ev	vents' been re	eported to FH	II? If no, enter	details on mo	rtality events	sheet.		Y
			-,		,			

Treatments and Medicines Records		
Recent treatments (see comment)?		Y
If yes, detail: Aquacen and Pyceze, T	T.M.S	
If other, detail:		
2. Medicines records available for inspection?		Y
3. Are records complete and correctly entered?		Y
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?	Pyceze and T.M.S	
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
Biosecurity records available for inspection?		Y
2. Has the manner and frequency of mortality removal, red	•	Y
3. Has the manner and period in which the APB will notify		
increased (unexplained) mortality at the site been include		Y
4. Has the action that will be taken in the event that the pr	· · · · · · · · · · · · · · · · · · ·	e
is detected been included and how and when that will be		Y
5. Has the health status of aquaculture animals being stoo	cked on the farm site been covered (equal or higher	Y
health status, certification if required)?		
6. Have the husbandry and biosecurity measures impleme	antad batwaan aach anidamialagical unit ta minimisa	Y
transmission of disease been covered (movement of staff	•	
7. Is documentation available regarding the measures in p		Y
aquaculture animals held on site?	place to maintain the physical containment of	
8. Have the biosecurity procedures been adequately imple	emented on site?	Y
If no, detail:	emented on site:	
ii iio, dotaii.		
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?		Y
If yes, detail (if not detailed under recent disease problems	s). See additional information	
	,	
Records checked between:		

Priority samples: VI		ni 059, version 15							1330	Jed by. FMI				
Priority samples: VI		Case no:	2024-00)95	Site No:		FS0226				/	25/0	03/2024	25/0
Summary samples HIST BA MG VI PA Total Sample Add Fish/Pools - click Pool/Fish No Fish nos Pool Group Species SAL Average weight O.0540 O.0540 Sex N/A Water Type FW FW FW FW FW FW FW FW FW F		Priority samples:	VI		ВА		PA		_	Sampling.	НΙ			
Summary samples		starts/ends:		:5:00	17:0	0:00		Inspecto	or:			VMD No).	5
Pool/Fish No		Environmental conditions:	1	Indoors	2		3		4		5			
Pool/Fish No		Summary samples	HIST		ВА		MG		VI		РА		Total Sa	mples
Pool/Fish No														
Fish nos	A	dd Fish/Pools - click												
Fish nos		Pool/Fish No												
Pool Group Species SAL SAL SAL Average weight Sex N/A N/A N/A Water Type FE-1181 The savik -			1-10	11-20	21-25									
Species SAL SAL SAL Average weight 0.0540 0.0540 N/A N/A N/A Water Type FE-1181 - 18														
Average weight Sex N/A Water Type FE-1181 Awayik - FE-1181 Tutiskur Iceland - PW Water Type Aavik - FE-1181 Tutiskur Iceland - PW Tutiskur Iceland - P			SAL	SAL	SAL									
Petails fuffiskur Iceland - MA		Average weight	0.0540	0.0540	0.0540									
fnfiskur Iceland - gavik - FE-1181. fnfiskur Iceland - gavik - FE-1181.			N/A	N/A	N/A									
ock Details Stofnfiskur Iceland - Vagavik - FE-1181. Stofnfiskur Iceland - Vagavik - FE-1181. Stofnfiskur Iceland - Vagavik - FE-1181.		Water Type	FW	FW	FW									
Facility No 13 14 3 1 1 1 1 1 1 1 1 1	Stock Details	Stock Origin Facility No		Stofnfiskur Iceland - Vagavik - FE-1181.	ω Stofnfiskur Iceland - Vagavik - FE-1181.									

)3/2024	Addition Overdo	nal Sam sed usir	ple Infor	mation:							
0	1	Total To	ests ass	igned	0	1					

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2024-0095		Site No:	FS0226		Insp:	
Date of Visit	25/03/2024		No of m	ovements/s	upp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	
with GB) of susceptible species		novements on from equivalent zone or		0	40	00	0
species	compartment in Number of sup	ncluding third country	0		18 10	26 14	9
							5
Movements off	Frequency of n		0		6	10	10
Evnesure vie weter	Number of des		0		6	10	3
Exposure via water Water contacts with other	Farm is protect	Site contacts ed (secure water supply through	; 0 T	1-5	6-10		
farms (holding species susceptible to same	disinfection or l	porehole)	0				
diseases)		or in a coastal zone with category In 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					
	farms upstrean	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 own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
		from zone or compartment of	4				
	equivalent state	us n from Category III farm	4				
		r from Category V farm	10				
			1 10	_			
Disposal of fish and fish by- products			0				0
producto		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 between sites, use of	Yes		0]			0
footbaths etc	No		1				
CoGP/Regulator				_			
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				
Platform access to cages	Yes			1			0
	No		2				
				J			
					Total		28
					Rank		HIGH

Case No:	2024-0095		Site No:	FS0226	
Sea Lice Inspection (Seawater Sites Only)				
1. Has the site experie	nced sea lice problems in the p	revious 4 years?			
2. Is the CoGP Farm M	Management Area (or equivalen) fallowed synchronously o	n a single ye	ear class basis?	
azamethiphos and ema	access to a range of licenced in amectin benzoate) as well as a d in a reasonable period of time?	ccess to suitable biological			res, and
4. Is there a signed do Management Area (or	cumented farm management ag equivalent)?	reement or statement relev	ant to the si	te and CoGP Farm	
5. Are sea lice count re	ecords available for inspection?	(Legal SSI, CoGP Annex 6))		
6. Do records adequat	ely reflect the required standard	specified in the SSI and the	e CoGP? (L	egal SSI, CoGP Anne	ex 6)
7. Are sea lice (<i>L. salm</i> records are inspected?	nonis) record levels below the s ? (CoGP Annex 6)	uggested criteria for treatme	ent in the Co	GP during the period	that
_	female sea lice (<i>L. salmonis</i>) n 0/6/19) during the period that re	•	evel of 3 or a	above (prior to w/b 10/	/6/19) or
If yes, have these been	n reported to the Fish Health Ins	spectorate? If no, FHI see co	omment.		
9. Is C. elongatus infe	station at a level which is consid	lered to cause significant w	elfare proble	ems? (CoGP 4.3.81, 5	5.3.50)
	reatments been administered or reatment or where <i>C. elongatus</i>				
11. Has any other action	on been taken (where applicable	e)?			
·	reatments or the actions taken h				
	ere conducted, carried out in co		~		
14. Is there a harvestir sea lice?	ng strategy for the site, where fe	wer populations or part pop	ulations are	held without treatmen	nt for
	cific written lice management pro scalation of a sea lice infestatio		cribing set a	ctions to deal with red	cognised
16. Do the sea lice leve	els observed on stocks reflect s	ea lice count data? If no ple	ase detail re	easons.	
0	!				
Containment Inspect	ion nced equipment damage due to	produtors in the current or	provious pr	aduction evolue?	N
•	ice to mitigate against the preda		•	·	\ ✓
	-a-kill stations around the bu			/	
If other, detail below:		idii igi			
3. Have escape incide	ents or events been experienced	I on or in the vicinity of the s	site since the	e last FHI inspection?	N
	estions $4-9$. If No skip to ques	tion 10			
	ported to Scottish Ministers?				
	ported to local DSFB forthwith (• ' '		·	
6. Have these been re	ported to the SSPO and local fis	sheries trusts forthwith (whe	re they exist	t)? (CoGP – 4.4.37, 5	.4.17)
7. Were methods (if ar	ny) used to recover escapees? I	f yes give detail			
8 If all note were deal	oyed was this action agreed wit	h local wild fish interests on	d was norm	ission divon by Soction	eh.
Ministers? (Legal, CoC	SP – 4.4.38, 5.4.18)				
	cen to prevent and minimise the		ot covered in	code but could	
	r satisfactory measures of th				
10. Is the site inspecte	d as satisfactory with regards to	containment? If no, please	detail reaso	on(s)	Υ

Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

O N.	0004.0005			5	05/00/0	20.4		
Case No:	2024-0095	J		Date of vi	sit: 25/03/2	024		
Site No:	FS0226]		Inspec	tor:			
Deculto Curamana	Iraa				Data of Nati	fication		
Results Summary	Freq.	Databas	e Insp	Phone	Date of Noti	Writing	Insp	2 nd Ins
		Databas	Пор	1 Hone	ШОР	witting	шор	2 1115
	_							
		<u> </u>						
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, VMD	02/04/2024							

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0119
 DATE OF VISIT
 25/03/2024

 SITE NO
 FS0226
 SITE NAME
 Inchmore

 CASE NO
 20240095
 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 high. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted annually. The category of the site will be reassessed on a routine basis and updated as required.

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

Reports detailing the results of animal health surveillance carried out by or on behalf of the business and/or Marine Directorate 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.

Signed:

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at <u>Fish Health Inspectorate Service Charter - gov.scot</u> (www.gov.scot)

Date: 02/04/2024

FHI 059, Version 13	Iss	sued by: FHI		Date of is	ssue: 12/05/2020
Case No: 2024-0096				Date of visit: 2	6/03/2024
Time spent on site: 5h		⊐	Main Inspector	r:	
Site No: FS0646 Business No: FB0119	Site Name: Business Name:	Soay Mowi Scotland L	td		
Case Types: 1 ECI 2	CNI 3 SLI	4 REP	5	6	
Water Temp (°C): 8	Thermometer No:	T173		FHI 045 complet	red N/A
Observations:	Region: WI	Water type:	S	CoGP MA	W-7
Dead/weak/abnormally behaving f	•			nation/clinical sco	
Clinical signs of disease observed	?			nation/clinical sco	
Gross pathology observed? Diagnostic samples taken?		Y If yes, see a	idditional inforn	nation/clinical sco	ore sneet.
Diagnostic samples takens					
UNI/REG only - if unable to carry of	out intended visit detail re	eason below:			

Additional Case Information:

Peaks in salmon mortality 2023 wk 24 2942 (0.85%), wk 25 2881 (0.91%), wk 26 3988 (1.49%), wk 27 7535 (3.47%), wk 28 1450 (1.41%) mainly attributed to CMS but some moritella. Wk 50 3463 (0.80%), wk 51 3376 (0.78%), wk 52 3587 (0.85%) these were recorded as seal predation and without diagnosis.

Salmon mortalities in 2024 have been persistently elevated, a fw treatment loss occurred in week 2 (13305 (3.17%), with physical damage and seal predation the main cause of mortality until week 6 with 16256 recorded. Week 6 16594 (4.25%) was recorded in the main as fw treatment loss but gill infection (AGD) and physical damage also noted. Week 7 8921 (2.38%) were partly due to the treatment losses in week 6 but mainly attributed to bacterial infection (Moritella) which is recorded predominantly as the cause of mortality through to week 12 with 44723 recorded.

Salmon morts for the last five weeks: wk 12 7718 (2.45%), wk 11 8347 (2.58%), wk 10 12667 (3.77%), wk 9 16003 (4.54%) wk 8 12799 (3.50%).

Lumpfish mortalities for the last four weeks: 17867 no diagnosis.

Wrasse peaks in mortality, 2022: Wk 33 8994 (12.32%), wk 34 (8332 (11.78%)

Lumpfish peaks in mortality 2023: wk 14 2599 (3.78%), wk 15 2996 (4.53%), wk 16 2900 (4.59%), wk 17 2582 (4.28%).

Fish were transferred from Hellisay in October due to water quality issues (jellyfish and gill health)

A number of moribunds and lethargic were observed, clinical signs included lesions and fin erosion, five were removed for diagnostic sampling.

Mort, sea lice and treatment records inspected remotely on the 21/3/2024 remaining records inspected on the 26/3/2024.

FHI 059, Version	13		Iss	sued by: FHI			Date of iss	ue: 12/05/2020
Case No:	2024-0096		Site No:	FS06	46			
Date of Visit:		26/03/202	4		Inspecto	r(s):		
Registration/Au	thorisation De	etails						
1. Business/site	details summar	y checked by	site represen	tative?			Υ	7
2. Changes mad	e to details?						Υ]
Site Details (inc	lude cleaner f	ish for all sec	ctions)					
Total No facilities		16	Facilities st	ocked	10	No facilitie	es inspected	16
Species	SAL	LUM						
Age group	2023Q2	mixed						
No Fish	306,717	102,381						1
Mean Fish Wt	1.89kg	N/A						1
Next Fallow Date		July 2024	•	Next Input	Date (Site)	October 2	024	
Recent (last 4 wh	ks) disease pro	blems?			Y Any esca	apes (since last	visit)?	N
If yes, detail:	Tenacibaci	ulum and Mori	tella					
2. Date of last ins 3. Are records co 4. Are movemen 5. Are records co 6. Are health cer Transport Reco 1. Are any move If yes, is there a	omplete and co t records availa omplete and co tificates for intro ords ments carried o	able for dead for rectly entered oductions (out out by (or on b	ish and wasted? with GB) ava ehalf) of the b	ilable? ousiness (not	_	3)?	01/06/2022	Y Y Y N/A
Mortality Recor								
 Mortality recor 		•						Y
2. How are morta					Ensiled -	on site		
If other detail:		site then trans		teshore Cocl	kles			
3. Mortality recor	•	•						Y
4. Recent mortal	• •			nal information	n			
5. Evidence of re		• •						Y
If yes, facility nos		er facility/no st	tock per facilit	ty/reason:				
see additional inf			1 10					
6. Any other peal								Y
If yes, detail:		nal informatio		40 VOA 5 7 FLU	2			
7. Have increase	•		·					Ť
If yes, detail action						nd administered		
Have 'mortality	y events been t	reported to FF	n : n no, ente	i details on n	ioriality ever	its stieet.		

Treatments and Medicines Records								
1. Recent treatments (see comment)?			Y					
If yes, detail: Florfenicol and TM	S							
If other, detail:								
2. Medicines records available for inspection?			Y					
3. Are records complete and correctly entered?			Y					
4. Are fish in a withdrawal period?	F		Y					
5. If yes, what treatment(s)?	Florfenicol a	and TMS						
If other, detail:			V					
6. Are medicines stored appropriately?			Y					
Biosecurity Records								
Biosecurity records available for inspection?			Y					
2. Has the manner and frequency of mortality remova	~	•	Y					
3. Has the manner and period in which the APB will n		ters or veterinary professional of any						
increased (unexplained) mortality at the site been inc			Y					
4. Has the action that will be taken in the event that the	•	•						
is detected been included and how and when that wi			Y					
5. Has the health status of aquaculture animals being	stocked on the far	m site been covered (equal or higher	Y					
health status, certification if required)?								
6. Have the husbandry and biosecurity measures imp	lemented between	each epidemiological unit to minimise	Y					
transmission of disease been covered (movement of	staff, visitors, equip	oment, live or dead fish etc.)?						
7. Is documentation available regarding the measure	s in place to mainta	in the physical containment of	Y					
aquaculture animals held on site?		•						
8. Have the biosecurity procedures been adequately	implemented on site	e?	Y					
If no, detail:								
Results of Surveillance								
1. Has any animal health surveillance been carried or	ut by, or on behalf o	f, the business?	Y					
2. If yes, are results available for inspection?	,		Y					
•	3. Any significant results?							
If yes, detail (if not detailed under recent disease prol	olems).	Tenebaculum, Moritella, AGD,	_					
Records checked between:	1/6/2022 to	26/3/2024						

٠,	ii 055, version 15							133	ded by. I				
	Case no:	2024-00	096	Site No:		FS0646			Date of v		26/03/	/2024	26/0
	Priority samples:	VI		ВА		PA		MG	Sampling	ı: HI			
	Time sampling starts/ends:	12:0	00:00	13:0	0:00		Inspecto	or:		_	VMD No.		0
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST	Y	ВА	Y	MG	Y	VI		PA	To	otal Sample	es
A	dd 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	1.5KG	3KG	1.5KG	1.5KG	3KG							
	Sex	N/A	N/A	N/A	N/A	N/A							
	Water Type	SW	SW	SW	SW	SW							
sis													
Details		ay	ag	ay	ay	ay							
Ô	!	Hellisay	Hellisay	Hellisay	Hellisay	Hellisay							
Stock	Stock Origin												
Š	Facility No	10	10	10	14	14							
_	•												

1111 000, 101	. 0.0 0						.004	Ja Dy. i i	• • •		
03/2024 Add	litional Sam	ple Infori	mation:								
5	Total To	ests ass	igned	5							
			'								

FHI 059, Version 13 Issued by: FHI Date of issue: 12/05/2020 Method of killing: Percussive Case no: 2024-0096 Site No: FS0646 Inspector(s): Sheet Relevant: N 26/03/2024 Date of visit: S for strong presence: M for medium presence: W for weak presence Time sampled after death (if > 45 minutes) External Signs M M M M Behaviour Moribund Lethargic Hanging vertical **Spiralling** Flashing Loss of equilibrium Body Dark Distended abdomen Anorexic Scale Oedema Opercula Shortened Flared Haemorrhaging **Throat** Ventrum M Base of fins Elsewhere Eyes Exophthalmic Enophthalmic (sunken) Cataract Haemorrhagic Gills Pale W Zoned Necrotic **Flank** S Lesions Elsewhere Vent Inflamed Trailing faeces Lice Load Estimate numbers 0 0 Internal Signs **Ascites** Clear Bloody W Oedema In tissues Heart Pale/anaemic Granulomas M М M М Deformed S Liver Petechial haem Gross haem Tissue breakdown Enlarged 6 Colour number(s) W Granulomas Lesions Pyloric caeca Petechial haem Tubules mauve Lack of fat Spleen Enlarged Granulomas M Gut No food present Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Haemorrhaging Swim bladder W W Fluid filled Kidney Swollen Grey

W

W

W

Granular Liquefied

Anaemia

Parasites present

General

W

W

Case no: 2024-0096

Date of visit: 26/03/2024

External Signs	Date of visit:	26/03/2024	ı					
Fish Number	S for strong presen	ce: M for medium presence: W for w						
Time sampled after death (if -45 minutes) Behaviour Moribund Lethargic Hanging vertical Spiralling Flashing Loss of equilibrium Body Distended abdomen Anorexic Saele Oodema Opercula Shortened Haemorrhaging Throat Haemorrhaging Flashing Loss of equilibrium Base of fins Elsewhere Eyes Exophibalmic (sunken) Deformed Haemorrhagig Gills Pain Jene Base Recroite Lesions Flank Lesions Flank Lesions Flank Lesions Flank Haemorrhagin Inflamed Inflamed Inflamed Inflamed Inflamed Haemorrhagins Haemorrhagins Flank Lesions Elsewhere Vent Inflamed Haemorrhagins Haemorrhagins Acactes Clear Bloody Oedema Bloody Oedema Bloody Oedema Flank Gross haem Thissue braskdown Enlarged Goranulomas Deformed Liver Petechial haem Flank Flank Gross haem Thissue braskdown Enlarged Colour number(s) Goranulomas Deformed Liver Petechial haem Gross haem Thissue braskdown Enlarged External haem Lock of fort External haem Lock of fort External haem Internal Signs Acctice Colour number(s) Goranulomas Colour number(s) Goranulomas External haem Internal haem Internal haem Internal haem Fluid filied Kineyy Granulor Fluid filied Kineyy Granulor Fluid filied Kineyy Granulor Fluid filied Kineyy Fluid filied Kineyy Farsites present	Fish Number							
Behaviour Moribund		er death (if > 45 minutes)						
Lethargic								
Hanging vertical	Behaviour							
Spiralling								
Flashing								
Loss of equilibrium								
Dark Dark Dark Distended abdomen Dis								
Distended abdomen	Body							
Scale Gedema								
Opercula Shortened		Anorexic						
Flared								
Haemornhaging Throat	Opercula							
Ventrum								
Base of fins	Haemorrhaging							
Elsewhere								
Eyes								
Enophthalmic (sunken)	Eyes							
Cataract								
Gills		Cataract						
Zoned								
Necrotic	Gills							
Lesions								
Elsewhere	Leciene							
Vent Inflamed Inflamed Infralling faeces Infralling faeces Infralling faeces Inference face face face face face face face fa	Lesions							
Trailing faeces	Vent							
Lice Load								
Ascites Clear	Lice Load							
Ascites Clear								
Bloody		Class						
Oedema In tissues Heart Pale/anaemic Granulomas	Ascites							
Heart	Oedema							
Granulomas								
Liver Petechial haem								
Gross haem								
Tissue breakdown	Liver							
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 Fluid filled Kidney Granular Liquefied General Parasites present								
Lesions Pyloric caeca Petechial haem Tubules mauve Lack of fat Spleen Enlarged Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Granular Liquefied General Parasites present I tubules mauve I tubules								
Tubules mauve Lack of fat Spleen Enlarged Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Grey Granular Liquefied General Parasites present								
Lack of fat	Pyloric caeca							
Spleen Enlarged								
Granulomas	0.1							
Gut No food present	Spieen							
Yellow pseudo-faeces	Gut							
External haem								
Body wall Haemorrhaging		External haem						
Swim bladder Haemorrhaging								
Fluid filled	Body wall							
Kidney Swollen	Swim bladder							
Grey	Kidney							
Granular	radicy							
Liquefied Seneral Parasites present Seneral Se								
General Parasites present		Liquefied						
Anaemia	General	Parasites present						
		Anaemia						

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

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2024-0096		Site No:	FS0646		Insp:	
Date of Visit	26/03/2024		ovements/s	upp./dest.		Score	
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	Frequency of movements on from equivalent MS			10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	0
•	Number of sup	ncluding third country pliers	0		10	14	0
Movements off	Frequency of m		1 0	3	6	10	10
Wovernents on	Number of des		0		6	10	3
Exposure via water		Site contacts	. 0	1-5	6-10		
Water contacts with other farms (holding species	disinfection or l	•	0				
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		1
	farms upstrean	or in a coastal zone with category III 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		0				0
	Processing own	n fish (re-cycling risk)	1				
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent state	from zone or compartment of	4				
		rfrom 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	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		
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		14
					Rank		LOW

Case No:	2024-0096		Site No:	FS0646	
Sea Lice Inspection (S	Seawater Sites Only)				
1. Has the site experier	nced sea lice problems	in the previous 4 years?			Ν
2. Is the CoGP Farm M	lanagement Area (or e	quivalent) fallowed synchron	ously on a single y	ear class basis?	Υ
	· · · · · · · · · · · · · · · · · · ·	enced in-feed and bath sea li			Y
azamethiphos and ema and can these be deplo		well as access to suitable bio eriod of time?	logical and/or mec	hanical control measures,	
4. Is there a signed doo Management Area (or e	•	ement agreement or stateme	nt relevant to the s	ite and CoGP Farm	Υ
5. Are sea lice count re	cords available for insp	pection? (Legal SSI, CoGP A	nnex 6)		Υ
		standard specified in the SSI		egal SSI, CoGP Annex 6)	Υ
7. Are sea lice (<i>L. salm</i> records are inspected?		ow the suggested criteria for	treatment in the Co	oGP during the period that	Y
_	· · · · · · · · · · · · · · · · · · ·	nonis) numbers per fish beer od that records are inspected		above (prior to w/b 10/6/19)	or N
If yes, have these been	reported to the Fish H	ealth Inspectorate? If no, FH	I see comment.		N/A
9. Is C. elongatus infes	station at a level which	is considered to cause signif	cant welfare proble	ems? (CoGP 4.3.81, 5.3.50)	N
		stered or other actions taken longatus is considered to ha			N/A
11. Has any other actio	on been taken (where a	pplicable)?			N/A
12. Have therapeutic tr	eatments or the action	s taken had a significant impa	act upon the lice le	vels recorded?	Υ
13. Are treatments, who	ere conducted, carried	out in cooperation between p	articipating farms?	?	N/A
14. Is there a harvestin sea lice?	g strategy for the site,	where fewer populations or p	art populations are	held without treatment for	Υ
15. Is there a site speci recognised scenarios d		ment procedure with waypoir a sea lice infestation?	its describing set a	actions to deal with	Y
16. Do the sea lice leve	els observed on stocks	reflect sea lice count data? I	no please detail r	easons.	Υ
Containment Inspecti	on				
1. Has the site experier	nced equipment damag	ge due to predators in the cur	rent or previous pr	oduction cycles?	Ν
2. Are measures in place	ce to mitigate against t	he predation experienced on	site? (Detail below)	Υ
seal pro nets, highly t		ets			
If other, detail below:					
3. Have escape incide	nts or events been exp	erienced on or in the vicinity	of the site since the	e last FHI inspection?	N
If Yes proceed with que	•	•		·	
4. Have these been rep	·	•			
•		rthwith (where they exist)? (C	oGP - 4.4.37. 5.4	.17)	
•		l local fisheries trusts forthwit		•	
7. Were methods (if an	y) used to recover esc	apees? If yes give detail			
8 If aill nots were deale	oved was this action ac	reed with local wild fish inter	ests and was norm	ission given by Scottish	
Ministers? (Legal, CoG	iP – 4.4.38, 5.4.18)				
	•	mise the risk of further escap	es? (Not covered i	n code but could	
	r satisfactory measur		nlance data"	(-)	lv.
10. Is the site inspected	u as satisfactory with re	egards to containment? If no,	please detail reas	un(s)	Υ

Issued by: FHI

FHI 059, Version 13

Date of issue: 12/05/2020

FHI 059, Version 13	Issued by: FHI	Date of iss	ue: 12/05/2020
Case No: 2024-0096	Site No: FS0646		
Data at Visita	la consiste u		
Date of Visit: 26/03/2024	Inspector:	_	
Point of Compliance			
1. Is the farm under inspection located w	ithin a farm management area?	7	1
If N, no further questions require comple	tion.	_	
Points of Compliance for Both Farm N			
2. Has a current farm management agre	· · · · · · · · · · · · · · · · · · ·	prepared?	
3. Is the current FMAg/S available for ins	•	<u> Y</u>	
4. Does the FMAg/S identify the relevant	•	<u> </u>	
5. Does the FMAg/S identify the fish farm	` '	otatament?	,
Does the FMAg/S identify the date of of the control of the		statement?	,
7. Does the Fiving/3 identity the date of t	eview:	<u> </u>	
Arrangements for Fish Health Manage	ement		
8. Does the FMAg/S identify the minimur		be introduced to the area or	
farm?			
Does the FMAg/S identify the vaccinat	tion requirements for stocks held in the	he area or farm?	
Does the FMAg/S identify the species	•		
11. Does the FMAg/S identify the maxim	um stocking density of any pen on ar	ny farm in the area or the	
individual farm?			
12. Does the FMAg/S identify the arrange	ements for the storage and disposal	of any dead fish from any fish	
farm in the area or the individual farm?			
Arrangements for The Management of	f Sea Lice		
13. Does the FMAg/S identify arrangeme		e numbers and treatments?	
	_		
14. Does the FMAg/S identify the availab	ility and the use of medicines on farr	ns covered by the agreement y	
of statement?		_	
15. Does the FMAg/S identify any require		vailable treatments for sea	,
lice on farms in the area or individual farm			
Does the FMAg/S identify the circum used on farms in the area or individual fa		ols and cleaner fish are to be	,
17. Does the FMAg/S identify the arrange		on farms within the area?	,
17. Does the Fiving/3 identity the arrangi	ements for synchronous treatments to	y y	
Live Fish Movements			
18. Does the FMAg/S identify the circum	stances when live fish may be introd	uced or removed from the	1
area or farm?			
19. Does the FMAg/S identify the arrange	ements for the movement of live fish	on and off sites in the area	,
or individual farms?			

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable I	harvest practices on farms in the area or indiv	idual farms?
date when a farm or area may be restocked 22. Does the FMAg/S identify whether one agreement or statement?	which the area or individual farm will be fallowed? or more year classes may be stocked onto so	ites covered by the
Point of Compliance for Farm Managen 24. Does the farm management agreemen parties to the agreement?	nent Agreements Only nt include arrangements for persons to becom	ne, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and op 26. What is the version no/date of issue of	perated in accordance with the agreement or some fithe FMAg/S? 10/01/2023	statement? Y

 Case No:
 2024-0096
 Date of visit:
 26/03/2024

 Site No:
 FS0646
 Inspector:

Results Summary	Freq.	Date of Notification								
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
AGD (Neoparamoeba	0/5	03/04/2024		03/04/2024						
perurans) (PCR) -										
AGDQ						24/04/202				
IHN (PCR) - IHNP	0/5	03/04/2024		03/04/2024		24/04/202	4			
ISA (real time qPCR -	1/5	02/04/2024		02/04/2024						
heart & kidney) - ISAQ						24/04/202	4			
Paranucleospora	4/5	03/04/2024		03/04/2024		2 1/0 1/202	•			
theridion (PCR) - PNST		00,0 1,202 1		00/01/2021						
(24/04/202	4			
Salmon gill poxvirus	5/5	03/04/2024		03/04/2024						
(PCR) - SPVP						24/04/202	4			
VHS (PCR) - VHSP	0/5	03/04/2024		03/04/2024		24/04/202	4			
IPN (PCR) - IPNM	5/5	03/04/2024		03/04/2024		24/04/202	4			
Salmonid alphavirus	0/5	03/04/2024		03/04/2024						
(SAV) (PCR) - SALP						24/04/202	4			
Piscine myocarditis	0/5	03/04/2024		03/04/2024						
virus (CMS) (PCR) -						24/04/202	4			
PMVP Gill pathology - GPAT	4/4	15/04/2024		15/04/2024		24/04/202 24/04/202				
Heart pathology - GPAT	4/4 5/5	15/04/2024		17/04/2024		24/04/202				
HPAT	3/3	15/04/2024		17/04/2024		24/04/202	4			
Liver pathology - LPAT	3/5	15/04/2024		17/04/2024		, 0 ., _ 0				
p				,,		24/04/202	4			
Kidney pathology -	4/4	15/04/2024		17/04/2024						
KPAT						24/04/202	4			
Spleen pathology -	5/5	15/04/2024		17/04/2024						
SPAT						24/04/202	4			
ISA sequencing result	1/1	04/04/2024		17/04/2024		0.4/0.4/0.00	4			
HPR0	0/0	45/04/0004		47/04/0004		24/04/202	4			
IPN sequencing result, IPNV A2 virulence	2/2	15/04/2024		17/04/2024						
motif ITPAD						24/04/202	4			
	5/5	16/04/2024		17/04/2024		24/04/202	<u> </u>			
YRUK	0/0	10/04/2024		1770472024		24/04/202	4			
Aliivibrio wodanis -	2/5	16/04/2024		17/04/2024						
ALIW						24/04/202	4			
Vibrio species (culture)	2/5	16/04/2024		17/04/2024						
VSPE						24/04/202				
Adhesions - ADHE	2/5	17/4/424		17/04/2024		24/04/202	4			

Report Summary			
Case Type	Date	Insp	2 nd Insp
ECI,CNI,SLI,REP	03/04/2024		
DIA	24/04/2024		

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0119 DATE OF VISIT 26/03/2024 SITE NO FS0646 SITE NAME Soay

CASE NO 20240096 **INSPECTOR**

Section 1: Summary

The above site was inspected following reports of increased mortalities. On inspection of the stock, a number of moribund fish were observed in each pen, five were removed for further examination and subsequent diagnostic sampling.

Histopathological examination revealed mild proliferative branchitis and two fish displayed ulcerative skin. Two fish displayed a bacterial infection. Mild to moderate, multifocal myocarditis which could be related with common salmon cardiac disease or bacterial infection was also observed. Hepatocellular necrosis was also observed.

Samples were screened for infectious salmon anaemia virus (ISAV) by QPCR as part of the surveillance program for the control of listed diseases. The samples tested positive for infectious salmon anaemia virus (ISAV) by QPCR (Cp levels 35-36) and the sequence data confirmed the presence of ISAV HPR0, the non-pathogenic form of the virus. In relation to the ISAV HPR0 result obtained, along with the observations made on site, no further statutory action is required to be taken in this case, ISAV HPR0 not being a disease listed in The Aquatic Animal Health (Scotland) Regulations 2009.

Gill samples tested by qPCR were positive for the gill related pathogens: *Paranucleospora theridion* and salmon gill poxvirus (SGPV). Samples of heart and kidney tested by qPCR were positive for infectious pancreatic necrosis virus (IPNV).

Yersinia ruckeri was identified, as a primary fish pathogen and would be implicated in morbidity. Aliivibrio wodanis was identified from lesion material, the level of growth would suggest it may be implicated as the primary cause of the lesion but not in overall morbidity. Vibrio sp. was identified but would not be implicated in morbidity.

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

The site was inspected following report of elevated mortality occurring on site, in the four weeks prior to the inspection, 44,735 salmon mortalities were recorded, mainly attributed to *Moritella viscosa*. On inspection of the stock, a number of moribund salmon were observed in each pen, five were removed for further examination and subsequent diagnostic sampling.

All fish sampled were moribund with haemorrhaging on the base of the fins, the body of F2 was dark in appearance and also had pale gills, the gills of F5 were slightly zoned in appearance. Lesions were evident on the flank of F2 and F5 and the vents of F2 and F4 were inflamed.

Internally, F4 had bloody ascites, the hearts of all fish were deformed and granulomas were observed on the liver of F3. The pyloric caeca of F2 and 4 were mauve in appearance. Splenomegaly was evident in F1, F2 and F5 with granulomas also present on F1. Haemorrhaging was present on the swim bladders of F1, F2, F4 and F5 and the kidney of all fish were grey and granular.

<u>Samples</u>

Samples were collected from F1-F5 fish according to the table below:

Fish number	Facility number	Species	Stage	Origin
F1-F3	10	Atlantic salmon	1.8 kg 2023 Q2	Hellisay
F4 and F5	14	Atlantic salmon	1.8 kg 2023 Q2	Hellisay

Results

Bacteriology: Kidney material from F1-F5 and lesion material from F2 and F5 were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated:

• Yersinia ruckeri (kidney F1-F5)

From the tests conducted, we do not have evidence of resistance to amoxycillin, oxytetracycline, sulphamethoxazole/trimethoprim or florfenicol.

- Aliivibrio wodanis (lesion F2 and F5)
- Vibrio sp. (kidney F3 and F5)

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

Infectious salmon anaemia virus (ISAV)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	-	-	-	-	Negative
F2	-	-	-	-	Negative
F3	-	-	-	-	Negative
F4	-	-	-	-	Negative
F5	15.15	35.58	35.19	35.68	POSITIVE

Sequencing analysis confirmed ISAV, HPR0 (non-deleted type).

Salmon gill poxvirus (SGPV)

Fish Number	Endogenous control Cp value	Cp Values	S		Reported Result (PCR)
F1	21.94	26.04	26.08	26.04	POSITIVE

F2	25.58	35.49	35.16	35.53	POSITIVE
F3	20.96	28.17	28.05	28.03	POSITIVE
F4	21.93	29.71	29.82	29.86	POSITIVE
F5	21.83	27.59	27.37	27.40	POSITIVE

Infectious pancreatic necrosis virus (IPNV)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	15.37	30.74	30.70	30.89	POSITIVE
F2	15.01	33.87	33.71	34.00	POSITIVE
F3	14.67	18.27	18.24	18.07	POSITIVE
F4	15.70	32.37	32.34	32.41	POSITIVE
F5	14.80	17.14	16.93	17.15	POSITIVE

Sequencing analysis of samples from F3 and F5 showed consistency with IPNV A2, virulence motif PTA indicating a persistent virulence, typically high morbidity (≤90%) and in general little to no mortality (less than 10%)

The samples tested negative for infectious haematopoietic necrosis virus (IHNV), salmonid alphavirus (SAV), 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 (gPCR).

Paranucleospora theridion

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	-	-	-	-	Negative
F2	25.58	36.91	36.98	36.53	POSITIVE
F3	20.96	28.99	28.89	28.87	POSITIVE
F4	21.93	30.13	30.16	30.53	POSITIVE
F5	21.83	34.24	34.03	35.00	POSITIVE

The samples tested negative for Neoparamoeba perurans (AGD).

Histology: Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from F1-5. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

Gill: Lamellar hyperplasia and fusion, mild, multifocal with inflammatory cell infiltrate and foci of cellular necrosis and haemorrhage (F2, F5). F1 and F3 displayed very mild lamellar epithelial hyperplasia. F2 displayed one structure resembling plankton among gill filaments.

Skin & Muscle: Lesion: Absence of the epidermis and mixed Gram-negative bacteria at the dermal outer layer and within dermis, haemorrhagic myositis with mild inflammatory influx (F3, F4).

R09

Heart: Ranging from mild to moderate, multifocal myocarditis (F1, F3, F4) and F4 displayed few rod-shaped Gram-negative bacilli. Mild epicarditis (F1-F5) and F4 displayed few rod-shaped Gram-negative bacilli. F3 also displayed some nest of basophilic nuclei.

Gut and pyloric caeca: Peritonitis, mild (F2, F5).

Pancreas: Within the normal range.

Liver: Hepatocellular necrosis, mild, multifocal (F4, F5). Mild cuffing (F1, F4).

Kidney: Interstitial necrosis, mild, multifocal (F1, F3, F4 & F5). F3 and F4 also displayed few rod-shaped Gram-negative bacilli associated with some inflammation.

Spleen: Necrosis, mild (F2, F4). Capsulitis (F1). Slightly congested F3. F3 and F4 also displayed few rod-shaped bacilli associated with some inflammation. F5 displayed cuffing, mild.

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

Signed:

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

Date: 24/04/2024

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0119 **Date of Visit** 26/03/2024

SITE NO FS0646 SITE NAME Soay

CASE NO 20240096 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected following reports of increased mortalities.

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 found to be inadequately 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 Directorate were available for inspection.

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

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

• In the movement records the development stage section was recorded incorrectly, amendments were made at the time so no further action is required.

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.

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.

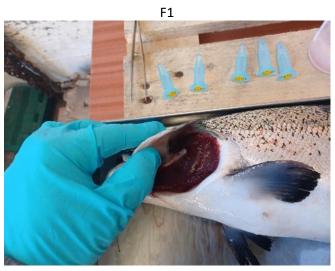
On this occasion the site was found to be satisfactory with regards to parasites, fish farm management agreements and statements and containment and escapes.

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



The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)



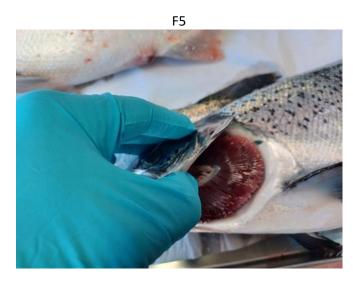


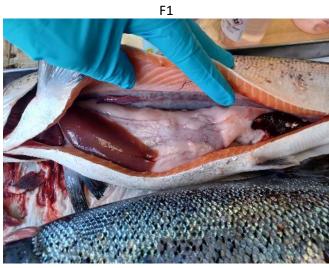


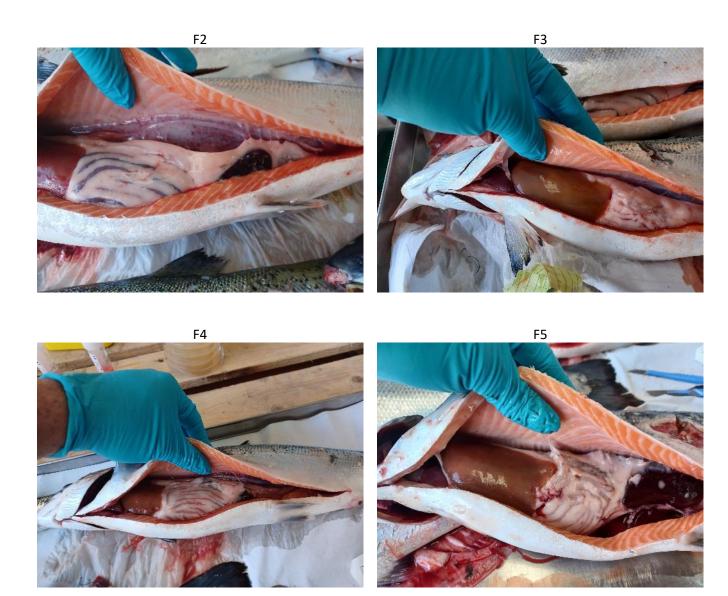




F4







FHI 059, Version 13	Iss	sued by: FHI	Date of issue: 12/05/2020			
Case No: 2024-0097			Date of visit: 27/03/2024			
Time spent on site:	h	Main Inspec	tor:			
Site No: FS1042 Business No: FB0119	Site Name: Business Name:	Seaforth Mowi Scotland Ltd				
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD 5 REP	6 DIA			
Water Temp (°C): 8	Thermometer No:	T173	FHI 045 completed N/A			
Observations:	Region: WI	Water type: S	CoGP MA: W-6			
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	Y If yes, see additional info	ormation/clinical score sheet. ormation/clinical score sheet. ormation/clinical score sheet.			
UNI/REG only - if unable to carry out intended visit detail reason below:						

Additional Case Information:

Peaks in salmon mortalities: 2023 wk 48 33387 (2.88%), wk 49 59170 (5.19%), wk 50 79026 (7.31%), wk 51 21285 2.13%), wk 52 20242 (2.07%). Pasteurella the main cause of mortalities with some thermolicer mortalities in wk 49 also, antibiotic (Florfenicol) administered

2024: wk 3 17504 (1.97%) recorded as acute loss medicine (salmosan) and some pasteurella.

Mortalities for the last four weeks,18th to the 26th March 2024 5415, wk 11 8962 (0.90%), wk 10 13613 (1.54%), wk 9 20576 (2.40%), wk 8 19456 (2.22%) moritella, physical damage, poor performers some seal predation and some decomposed.

Lumpfish peaks in mortality, 2023: wk 47 3161 (2.12%), wk 48 6104 (4.18), wk 51 5112 (3.70%), wk 52 (3575 (2.68%), mainly recorded as tenbaculum but some handling morts as well.

Lumpfish mortalities for the last four weeks: wk 8 1391 (2.70%), wk 9 1928 (3.85%), wk 10 1071 (2.22%), recorded as tenebaculum, wk 11 4867 (10.33%) treatment losses (FLS flusher),

CMS potentially onsite, awaiting results of tests.

On inspection of the site a number of moribunds were observed in each pen, some with obvious physical damage. Site staff have been removing moribunds daily.

Mortality, movement and treatment records inspected 21/3/2024 remotely, all other records inspected on the 27/3/2024.

FHI 059, Version 13	1		Issu	ued by: FHI			Date of issu	ue: 12/05/2020
Case No:	2024-0097		Site No:	FS1042	2			
Date of Visit:		27/03/2024	1		Inspector(s):			
Registration/Author	orisation Det	ails						
1. Business/site deta			site representa	ative?			Y	1
2. Changes made to	•						N]
Site Details (includ	de cleaner fis	sh for all sect	tions)					
Total No facilities		10	Facilities sto	ocked	10	No facilitie	es inspected	10
Species	SAL	LU						
Age group	2023 Q2	2023 Q1						
No Fish	127,259	672,031						
Mean Fish Wt	3.68kg	3.12kg						
Next Fallow Date (S		October 202	24	Next Input Da	ate (Site)	Feb 2025		
Recent (last 4 wks)	disease prob	lems?		Y	Y Any escapes	(since last	visit)?	N
If yes, detail:	Moritella and	d Tenacibacul	lum					
 3. Are records comp 4. Are movement re 5. Are records comp 6. Are health certific Transport Records 1. Are any movement If yes, is there a sys 	ecords availab plete and corr cates for introd s ints carried ou	ole for dead fis rectly entered? ductions (outw ut by (or on be	sh and waste? ? with GB) availa ehalf) of the bu	able? usiness (not us				Y Y Y N/A
Mortality Records								
1. Mortality records		•						Y
2. How are mortalitie					Other (detail)			
If other detail:				er on site for sr	maller fish			
3. Mortality records	•	correctly ent						Y
4. Recent mortality (last 4 wks): see additional information								
5. Evidence of recent increased/atypical mortalities?								Y
If yes, facility nos/no mortality per facility/no stock per facility/reason:								
see additional inform			. 10					. V
6. Any other peaks in mortality during period checked?								Y
If yes, detail: see additional information 7. Have increased (unexplained) mortalities been reported to vet or FHI?								
								Y
If yes, detail action:					d administered			
8. Have 'mortality ev	∕ents' been re	ported to FHI	<i>i</i> ? If no, enter∌	details on mor	tality events sh	neet.		Y

Treatments and Me	edicines Records						
1. Recent treatments	s (see comment)?			Y			
If yes, detail:	FLS flusher, salmosan, TI	MS					
If other, detail:							
	s available for inspection?			Y			
3. Are records comp	lete and correctly entered?			Y			
4. Are fish in a withd	rawal period?			Y			
5. If yes, what treatm	nent(s)?	Salmosan, TM	NS				
If other, detail:							
6. Are medicines sto	ored appropriately?			Y			
Biosecurity Record	ls						
1. Biosecurity record	ds available for inspection?			Y			
2. Has the manner a	and frequency of mortality removal, recor	rding and safe o	disposal been considered?	Y			
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any							
increased (unexplain	ined) mortality at the site been included?	?		Y			
	at will be taken in the event that the pres						
is detected been incl	luded and how and when that will be no	otified to Scottis	h Ministers?	Y			
5. Has the health sta	atus of aquaculture animals being stocke	ed on the farm s	site been covered (equal or higher	Y			
health status, certific	cation if required)?						
6. Have the husband	dry and biosecurity measures implement	ted between ea	ch epidemiological unit to minimise	Y			
transmission of disea	ase been covered (movement of staff, v	isitors, equipme	ent, live or dead fish etc.)?				
7. Is documentation	available regarding the measures in place	ce to maintain t	the physical containment of	Y			
aquaculture animals	held on site?						
8. Have the biosecur	rity procedures been adequately implem	ented on site?		Y			
If no, detail:							
Results of Surveilla	ance						
1. Has any animal he	ealth surveillance been carried out by, or	r on behalf of, the	he business?	Y			
2. If yes, are results	available for inspection?			Y			
3. Any significant res	sults?			Y			
If yes, detail (if not de	etailed under recent disease problems).		moritella, pasteurella skyensis, tenacil	oaculum			
F	Records checked between:	21/11/2023 to	27/3/2024				

Г	mi 059, version 15							155	sueu by. Fr	l I			
	Case no:	2024-00)97	Site No		FS1042			Date of vis		27/03/	/2024	27/0
	Priority samples:	VI		ВА		РА		MG	Sampling:	нГ			
	Time sampling starts/ends:		0:00		0:00		Inspecto	or:		`	VMD No.		18
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST	Y	ВА	Y	MG	Y	VI		РА	To	otal Sam	nples
A	dd Fish/Pools - click												
	Pool/Fish No	F1	F2	F3	F4	F5							
	Fish nos	1	2	3	4	5	6	7					
	Pool Group	P1	P1	P1	P1	P1							
	Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL					
	Average weight	2.9kg	2.9kg	2.9kg	2.9kg	2.9kg	2.9kg	2.9kg					
	Sex	N/A	N/A	N/A	N/A	N/A	N/A	N/A					
	Water Type	SW	SW	SW	SW	SW	SW	SW					
Details		loch lochy	loch lochy	Loch Arkaig	Loch Arkaig	Loch Arkaig	Loch Arkaig	Loch Lochy					
Stock	Stock Origin												
Ċ.	Facility No	5	5	3	3	3	7	5					

1 1 11 000, V	CISIOII IS						133	ueu by.		
03/2024 Ad	ditional S	Sample Infor	mation:							
5	Tota	al Tests ass	igned	5	l					

FHI 059, Version 13 Issued by: FHI Date of issue: 12/05/2020 Method of killing: Percussive Case no: 2024-0097 Site No: FS1042 Inspector(s): Sheet Relevant: Y Date of visit: 27/03/2024 S for strong presence: M for medium presence: W for weak presence Fish Number Time sampled after death (if > 45 minutes) External Signs Behaviour Moribund Lethargic Hanging vertical Spiralling Flashing Loss of equilibrium Body Dark Distended abdomen Anorexic Scale Oedema Opercula Shortened Flared Haemorrhaging Throat Ventrum Base of fins W Elsewhere Eyes Exophthalmic Enophthalmic (sunken) Cataract Haemorrhagic Gills Pale Zoned Necrotic Flank S Lesions Elsewhere Vent Inflamed Trailing faeces Lice Load Estimate numbers 0 0 Internal Signs Clear **Ascites** Bloody Oedema In tissues Heart Pale/anaemic Granulomas Deformed Liver Petechial haem m Gross haem Tissue breakdown Enlarged Colour number(s) Granulomas

m

m

m

W

Lesions

Enlarged

Granulomas
No food present

Haemorrhaging Haemorrhaging

Fluid filled

Swollen Grey Granular

Liquefied

Anaemia

Parasites present

Yellow pseudo-faeces
External haem
Internal haem

Petechial haem Tubules mauve Lack of fat

Pyloric caeca

Spleen

Body wall

Kidney

General

Swim bladder

Gut

Case no: 2024-0097

Date of visit: 27/03/2024

Date of visit.	21/03/202	.4					
S for strong preser	nce: M for medium presence: W fo	rм					
Fish Number	· ·						
	er death (if > 45 minutes)						
External Signs	or dodn't (ii) To minutes,						
Behaviour	Moribund						
Denavious	Lethargic						
	Hanging vertical						
	Spiralling						
	Flashing						
	Loss of equilibrium						
Body	Dark						
Войу	Distended abdomen						
	Anorexic						
	Scale Oedema						
Operaula							
Opercula	Shortened						
	Flared						
Haemorrhaging	Throat						
	Ventrum						
	Base of fins						
-	Elsewhere						
Eyes	Exophthalmic						
	Enophthalmic (sunken)						
	Cataract						
	Haemorrhagic						
Gills	Pale						
	Zoned						
	Necrotic						
Lesions	Flank						
	Elsewhere						
Vent	Inflamed						
	Trailing faeces						
Lice Load	Estimate numbers						
Internal Signs							
Ascites	Clear						
	Bloody						
Oedema	In tissues						
Heart	Pale/anaemic						
	Granulomas						
	Deformed						
Liver	Petechial haem						
	Gross haem						
	Tissue breakdown						
	Enlarged						
	Colour number(s)						
	Granulomas						
	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						
STILL DIGUGE	Fluid filled						
Kidney	Swollen						
rauney	Grey						
	Granular						
	Liquefied						
General	Parasites present						
General							
	Anaemia						

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/202
Additional comments:		
_		

with GB) of susceptible species Frequency of movements on from equivalent zone or compartment including third country Number of suppliers Number of suppliers Number of destinations Frequency of movements off Number of destinations Number of destinations Site contacts Number of suppliers Number of destinations Number of destination	FHI 059, Version 13		Issued by: FHI			Date	of issue	: 12/05/2020
Live fish movements Live fish movements on from optivalent MS 0 1-5 6-10 >10	Case Number:	2024-0097		Site No:	FS1042		Insp:	
Movements on (from out with 63) of susceptible species species with 63) of susceptible species species species with 63) of susceptible species with 63) of susceptible species species with 64 species with 64 species with 65 species species species with 65 species species with 65 species species species with 65 species	Date of Visit	27/03/2024		No of m	ovements/s	supp./dest.		Score
Fegupercy of movements on from equivalent zone or compartment including third country 0 9 18 26 0	Live fish movements			0	1-5	6-10	>10	
Image: compartment including third country	Movements on (from out	Frequency of m	novements on from equivalent MS	0	5	10	14	0
Number of suppliers						40	00	0
Movements off	species		<u> </u>					0
Number of destinations								
Site contacts Site contacts O	Movements off							10
Water contacts with other farms (holding species susceptible to same diseases) Farm is on-line or in a coastal zone with category I farms use on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion 1 1 2 4 4 8 9 2 9 1 1 3 5 6 1 1 1 3 5 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Fyrna avera via vystav	Number of desi		1		- 1	10	3
darms (holding species ususceptible to same diseases) Farm is on-fine or in a coastal zone with category I tarms upstream or within 1 tidal excursion Farm is on-line or in a coastal zone with category III I arms upstream or within 1 tidal excursion Farm is on-line or in a coastal zone with category III I arms upstream or within 1 tidal excursion Farm is on-line or in a coastal zone with category III I arms upstream or within 1 tidal excursion Farm is on-line or in a coastal zone with category V I arms upstream or within 1 tidal excursion Management practices Water contacts with processing plant discharging into adjacent waters Water contacts with processing within the rules of the directive Processing lish from MS of equivalent status Processing lish from So equivalent status Processing lish from Category V larm Disposal of fish and fish by-products Disposal of fish and fish by-products Disposal of fish and processes with other farms Collection point for waster from other farms Collection point for waster from other farms Sites own waste only processed. Common processes with other farms Collection point for waster from other farms Sites operating from single shorebase Disinfection of equipment Ves Sites sharing staff and equipment O 1 2 2 Disinfection of equipment Desponsation of equipment Desponsation of equipment Ves No 1 2 or 3 24 Corrections of equipment Disposation of equipment Disposation of equipment No O 1 1 2 or 3 2 4 Corrections of equipment Disposation of equipment Disposation of equipment No O 1 1 2 or 3 2 4 Correction of equipment Disposation of equipment Disposation of equipment Disposation of equipment No O 1 2 or 3 2 4 Correction of equipment Disposation of equipment Disposation of equipment No O 2 or 3 2 4 Correction of equipment Disposation of equipment Disposation of equipment No O 2 or 3 2 4 Correction of equipment Desponsible of the disposation of the equipment O 1 2 or 3 2 4 Correction of equipment Desponsible of the equipment D	•	Farm is protect		, <u> </u>	1-5 	0-10		
farms upstream or within 1 tidal excursion				0				
Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion Farm son-line or in a coastal zone with category V farms upstream or within 1 tidal excursion Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion None Secure Unsecure Water contacts with processing plant discharging into adjacent waters 0 1 2 0 0 On farm processing within the rules of the directive Processing fish from MS of equivalent status Processing fish from Sof equivalent status Processing fish from Category III farm 8 Processing fish from Category V farm 10 Disposal of fish and fish by-Site's own waste only processed. 0 0 Common processes with other farms 3 Collection point for waste from other farms 5 5 Use of unpasteurised feeds No feeding of unpasteurised feed 5 Feeding unpasteurised feed 5 Feeding unpasteurised feed 5 Sites operating from single shorebase 0 1 2 2 Sites sharing staff and equipment 0 1 2 2 Disinfection of equipment between sites, use of footbaths etc 0 No 1 1 COGP/Regulator Practices in accordance Who No 1 1 COGP/Regulator Practices in accordance With equitation or industry code of practice 1 Total 16	susceptible to same				_			
farms upstream or within 1 tidal excursion 1 3 6 Farm is on-line or in a coastal zone with category V 1 farms upstream or within 1 tidal excursion None Secure Unsecure Water contacts with Processing plant discharging into adjacent waters processors Water contacts with Processing plant discharging into adjacent waters of the directive Processing within the rules of the directive Processing fish from MS of equivalent status 2 Processing fish from MS of equivalent status 2 Processing fish from Category III farm 8 Processing fish from Category V farm 10 Disposal of fish and fish by Processes with other farms 3 Collection point for waste from other farms 5 5 Use of unpasteurised feeds No feeding of unpasteurised feed Feeding unpasteurised feed 5 Sites operating from single shorebase 0 1 2 Sites sharing staff and equipment between sites, use of No No 1 1 2 Disinfection of equipment between sites, use of No No 1 1 2 Disinfection of operating from Sites No No No 1 1 2 Disinfection of equipment between sites, use of No No 1 1 2 Disinfection of equipment Practices in accordance with regulator or industry code of practice Platform access to cages Yes No No 2 Disinfection of Practice No No 2 Disinfection of II Disinf	diseases)			1	2	4		2
Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion				1	3	6		
Management practices Water contacts with processors Water contacts with processors Any processing plant discharging into adjacent waters processors On farm processing within the rules of the directive Processing own fish (re-cycling risk) Processing fish from MS of equivalent status Processing fish from MS of equivalent status Processing fish from Zone or compartment of equivalent status Processing fish from Category III farm Processing fish from Category V farm Disposal of fish and fish by-products Common processes with other farms Collection point for waste from other farms Site's own waste only processed. Collection point for waste from other farms Sites operating from single shorebase Sites sharing staff and equipment between sites, use of footbaths etc CoGP/Regulator Practices in accordance with regulator or industry code of practice Yes No 10 10 11 2 00 0 0 0 0 0 0 0 0 0 0 0								
No on farm processing within the rules of the directive		farms upstream	or within 1 tidal excursion	1	4	8		
No on farm processing within the rules of the directive	Management practices			None	Secure	Unsecure		
On farm processing within the rules of the directive Processing own fish (re-cycling risk) 1 Processing fish from MS of equivalent status 2 Processing fish from Category III farm 8 Processing fish from Category V farm 10 Disposal of fish and fish byproducts Site's own waste only processed. 0 Common processes with other farms 3 Collection point for waste from other farms 5 Use of unpasteurised feeds No feeding of unpasteurised feed 0 Feeding unpasteurised feed 5 Sites operating from single shorebase 0 1 2 2 Sites sharing staff and equipment 0 1 2 Disinfection of equipment between sites, use of footbaths etc 0 CodP/Regulator Practices in accordance with regulator or industry code of practice	Water contacts with	Any processing	plant discharging into adjacent waters	;				
the rules of the directive	processors			0	1	2		0
Processing own fish (re-cycling risk)	-	No on farm pro	cessing]			0
Processing fish from zone or compartment of equivalent status 4 Processing fish from Category III farm 8 Processing fish from Category V farm 10 Disposal of fish and fish by-products Site's own waste only processed. 0 Common processes with other farms 3 Collection point for waste from other farms 5 Use of unpasteurised feeds No feeding of unpasteurised feed 5 Biosecurity Number of sites 1 2 or 3 ≥ 4 Contacts with other sites Sites operating from single shorebase 0 1 2 Sites sharing staff and equipment 0 1 2 Disinfection of equipment between sites, use of footbaths etc No 1 CoGP/Regulator Practices in accordance with regulator or industry code of practice No 2 Platform access to cages Yes 0 No 2 Total 16	the rules of the directive	Processing own	n fish (re-cycling risk)	1				
Processing fish from zone or compartment of equivalent status 4 Processing fish from Category III farm 8 Processing fish from Category V farm 10 Disposal of fish and fish by-products Site's own waste only processed. 0 Common processes with other farms 3 Collection point for waste from other farms 5 Use of unpasteurised feeds No feeding of unpasteurised feed 5 Biosecurity Number of sites 1 2 or 3 ≥ 4 Contacts with other sites Sites operating from single shorebase 0 1 2 Sites sharing staff and equipment 0 1 2 Disinfection of equipment between sites, use of footbaths etc No 1 CoGP/Regulator Practices in accordance with regulator or industry code of practice No 2 Platform access to cages Yes 0 No 2 Total 16		Processing fish	from MS of equivalent status	2				
equivalent status			·					
Processing fish from Category V farm 10				4				
Disposal of fish and fish by-products Common processes with other farms Collection point for waste from other farms Use of unpasteurised feeds Peeding unpasteurised feed Peeding unpasteurised feed Biosecurity Number of sites Sites operating from single shorebase Ontacts with other sites Sites sharing staff and equipment Ontacts with other sites Ontacts with other sit		Processing fish	from Category III farm	8				
Common processes with other farms 3		Processing fish	from Category V farm	10				
Common processes with other farms Collection point for waste from other farms Use of unpasteurised feeds Feeding unpasteurised feed No feeding of unpasteurised feed Feeding unpasteurised feed Number of sites Sites operating from single shorebase Sites sharing staff and equipment between sites, use of footbaths etc CoGP/Regulator Practices in accordance with regulator or industry code of practice Platform access to cages Yes No No Total O Total O Total O Total	Disposal of fish and fish by-	Site's own was	te only processed.	0	Ī			0
Collection point for waste from other farms 5	products	Common proce	esses with other farms	3				
Feeding unpasteurised feed 5		Collection poin	t for waste from other farms					
Feeding unpasteurised feed 5	Lies of upparteurised feeds	No feeding of u	nnactourised food		1			0
Sites operating from single shorebase 1 2 or 3 ≥ 4	Osc of dripastedrised reeds		•					0
Contacts with other sites Sites operating from single shorebase O 1 2 Sites sharing staff and equipment between sites, use of footbaths etc No 1 CoGP/Regulator Practices in accordance with regulator or industry code of practice Platform access to cages Yes No Total 1 1 1 1 1 1 1 1 1 1 1 1 1	Riosocurity	r county unput				> 4		
Sites sharing staff and equipment Disinfection of equipment between sites, use of footbaths etc CoGP/Regulator Practices in accordance with regulator or industry code of practice Platform access to cages Yes No O Total Total		Sites operating		1	1			1
Disinfection of equipment between sites, use of footbaths etc CoGP/Regulator Practices in accordance with regulator or industry code of practice Platform access to cages Yes No O O O Total O Total O O O O O O O Total O O O O O O O O O O O O O								<u>'</u>
between sites, use of footbaths etc	Disinfanting of a minute of			<u> </u>	<u> </u> 			
CoGP/Regulator				0				0
Practices in accordance with regulator or industry code of practice Platform access to cages Yes No O No Total O Total O Total		No		1				
with regulator or industry code of practice No No Service No No No No Total No No No No No No No No No N	CoGP/Regulator							
No 3	Practices in accordance	Yes		0				0
No 2 Total 16	· ·	No		3				
No 2 Total 16	Diatform access to cooks	Ivos			1			
Total 16	i iationii access to cages			0				0
		INU		1 2	J			
Rank MEDIUM						Total		16
						Rank		MEDIUM

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2024-0097	Site No:	S1042
3. Does the site have access to a range of lice	s in the previous 4 years? equivalent) fallowed synchronously on a single year cenced in-feed and bath sea lice medications (include well as access to suitable biological and/or mechar	ding deltamethrin,
• •	gement agreement or statement relevant to the site	and CoGP Farm Y
5. Are sea lice count records available for ins	spection? (Legal SSI, CoGP Annex 6) I standard specified in the SSI and the CoGP? (Lega	al 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 CoGI	P during the period that N
3. Have average adult female sea lice (<i>L. sa.</i> 2 or above (from w/b 10/6/19) during the peri	<i>Imonis</i>) numbers per fish been at a level of 3 or about iod that records are inspected?	ve (prior to w/b 10/6/19) or Y
	Health Inspectorate? If no, FHI see comment. n is considered to cause significant welfare problems	s? (CoGP 4.3.81, 5.3.50)
suggested criteria for treatment or where C.	sistered or other actions taken when <i>L. salmonis levelelongatus</i> is considered to have welfare implications	s? (CoGP 4.3.82, 5.3.51)
13. Are treatments, where conducted, carried	applicable)? ns taken had a significant impact upon the lice levels d out in cooperation between participating farms? , where fewer populations or part populations are he	Y
15. Is there a site specific written lice manag scenarios during the escalation of a sea lice	ement procedure with waypoints describing set action infestation?	ons to deal with recognised Y
16. Do the sea lice levels observed on stock	s reflect sea lice count data? If no please detail reas	sons. Y
	age due to predators in the current or previous produ the predation experienced on site? (Detail below) nets,	uction cycles? N Y
·	perienced on or in the vicinity of the site since the la	ast FHI inspection?
•	•	
7. Were methods (if any) used to recover esc	capees? If yes give detail	
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	igreed with local wild fish interests and was permiss simise the risk of further escapes? (Not covered in currence of the Act)	
•	regards to containment? If no, please detail reason(s) Y

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
	Site No: FS1042	Date of issue. 12/03/2020
2024-0097	Site No. F31042	
Date of Visit: 27/03/2024	Inspector:	
Point of Compliance		
Is the farm under inspection located with the farm u	ithin a farm management area?	Y
If N, no further questions require complet		
•	Management Agreements and Statement	
z. Has a current farm management agree 3. Is the current FMAg/S available for ins	ement or statement (FMAg/S) been prepare	Y Y
4. Does the FMAg/S identify the relevant	•	· Y
5. Does the FMAg/S identify the fish farm	•	Y
	commencement of the agreement or statem	nent?
7. Does the FMAg/S identify the date of re	eview?	Y
Arrangements for Fish Health Manage	ment	
	n health standards for the stocks to be intro	oduced to the area or Y
farm?	ion requirements for stocks held in the area	a or farm?
•	s of fish which may be stocked into the area	
	um stocking density of any pen on any farm	
•	ements for the storage and disposal of any	dead fish from any
fish farm in the area or the individual farr	m?	
Arrangements for The Management of	Sea Lice	
13. Does the FMAg/S identify arrangeme	ents for the sharing of data on sea lice number	bers and treatments?
14. Does the FMAg/S identify the availab of statement?	ility and the use of medicines on farms cov	vered by the agreement Y
	ements for the sensitivity testing of available	e treatments for sea
lice on farms in the area or individual farm		
	stances under which biological controls and	d cleaner fish are to be
used on farms in the area or individual fa		
17. Does the FMAg/S identify the arrange	ements for synchronous treatments on farm	ns within the area?
Live Fish Movements		
18. Does the FMAg/S identify the circums area or farm?	stances when live fish may be introduced o	
	ements for the movement of live fish on and	d off sites in the area

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable	harvest practices on farms in the area or indiv	vidual farms?
date when a farm or area may be restock		
22. Does the FMAg/S identify whether one agreement or statement?	e or more year classes may be stocked onto s	sites covered by the Y
23. Does the FMAg/S identify whether brocovered by the agreement or statement?	oodstock or potential broodstock are to be kep	t on any site
Point of Compliance for Farm Manager 24. Does the farm management agreeme parties to the agreement?	ment Agreements Only nt include arrangements for persons to becon	ne, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and op 26. What is the version no/date of issue o	perated in accordance with the agreement or some fithe FMAg/S? 03/06/2023	statement?

 Case No:
 2024-0097
 Date of visit: 27/03/2024

 Site No:
 FS1042
 Inspector:

Results Summary	Freq.			Da	te of Notific	ation		
Results Sulfilliary	1104.	Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
AGD (Neoparamoeba	0/5	03/04/2024	•	03/04/2024		vviiting	пор	2 IIISP
perurans) (PCR) -	0/0	00/01/2021		00/01/2021				
AGDQ						26/04/2024		
Paranucleospora	5/5	03/04/2024		03/04/2024				
theridion (PCR) - PNST								
						26/04/2024	·	
Salmon gill poxvirus	1/5	03/04/2024		03/04/2024				
(PCR) - SPVP						26/04/2024		
IPN (PCR) - IPNM	5/5	03/04/2024		03/04/2024		26/04/2024		
VHS (PCR) - VHSP	0/5	03/04/2024		03/04/2024		26/04/2024		
IHN (PCR) - IHNP	0/5	03/04/2024		03/04/2024		26/04/2024	•	
ISA (real time qPCR -	0/5	03/04/2024		03/04/2024				
heart & kidney) - ISAQ						00/04/0004		
0-1	0/5	00/04/0004		00/04/0004		26/04/2024		
Salmonid alphavirus	0/5	03/04/2024		03/04/2024		26/04/2024		
(SAV) (PCR) - SALP	0/5	03/04/2024		03/04/2024		20/04/2024		
Piscine myocarditis virus (CMS) (PCR) -	0/5	03/04/2024		03/04/2024				
PMVP						26/04/2024		
IPNV sequencing	3/3	15/04/2024		15/04/2024		20/04/2024		
consistency with IPNV	0/0	10/0 1/2021		10/01/2021				
A2, virulence motif								
ITPAD						26/04/2024		
Shewanella spp -	1/5	16/04/2024		16/04/2024				
SHEW						26/04/2024		
Vibrio species (culture) -	2/5	16/04/2024		16/04/2024				
VSPE						26/04/2024		
Moritella viscosa - VVIS	1/5	16/04/2024		16/04/2024				
						26/04/2024		
Proliferative gill	4/4	16/04/2024		16/04/2024				
syndrome (histology) -						00/04/0004		
PGSH	4/4	40/04/0004		40/04/0004		26/04/2024		
Gill pathology - GPAT	4/4	16/04/2024		16/04/2024		26/04/2024		
Heart pathology - HPAT	4/5	16/04/2024		16/04/2024		26/04/2024		
Skin pathology - SKIN	2/5	16/04/2024		16/04/2024		26/04/2024		
Postmortem changes -	2/5 3/5	16/04/2024		16/04/2024		20/04/2024		
PMCH	3/3	10/04/2024		10/04/2024		26/04/2024		
. 141011						20/0 1/2027		
		+						
		+						
		+						
		+						

Report Summary			
Case Type	Date	Insp	2 nd Insp
ECI,CNI,SLI,VMD,REP	03/04/2024		
DIA	24/04/2024		

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0119 Date of Visit 27/03/2024 Site No FS1042 Site Name Seaforth

Case No 20240097 Inspector

Section 1: Summary

The above site was inspected following reports of increased mortalities. On inspection of the stock, a number of moribund fish were observed in each pen, five were removed for further examination and subsequent diagnostic sampling.

Histopathological examination revealed mild proliferative branchitis and one fish displayed ulcerative dermatitis and myositis. Nephritis and myocarditis was also observed.

Gill samples tested positive for the gill related pathogens: *Paranucleospora theridion* and salmon gill poxvirus (SGPV). Samples of heart and kidney tested positive for infectious pancreatic necrosis virus (IPNV).

Moritella viscosa was identified from lesion material of F5, and would be implicated as the primary source of the lesion but not in overall morbidity.

Vibrio sp. was identified from lesion material of F2 and would be implicated as the primary source of the lesion but not in overall morbidity.

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

The site was inspected following reports of elevated mortality occurring, in the four weeks prior to the inspection 48,566 mortalities were recorded with causes recorded as *Moritella viscosa*, physical damage, poor performers and seal predation.

All fish sampled were moribund, the opercula of F2 was shortened with haemorrhaging evident on the flanks of all fish other than F4. Bi-lateral exopthalmia was evident on F3 and lesions were present on the flanks of F2 and F5.

Internally, petechial haemorrhaging was observed on the liver of F2 and F3 with splenomegaly evident in F2, F3 and F4. The kidney of F1-F5 were granular in texture.

Samples

Samples were collected from fish F1-F5 according to the table below:

Fish number Facility num	ber Species	Stage	Origin
--------------------------	-------------	-------	--------

F1 and F2	5	Atlantic salmon	3.6 kg 2023 Q2	Loch Lochy
F3, F4 and F5	3	Atlantic salmon	3.6 kg 2023 Q2	Loch Arkaig

Results

Bacteriology: Kidney and gill material from F1-5 and lesion material from F2 and F5 were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated:

- Moritella viscosa (lesion F5)
- Vibrio sp. (isolate B) (lesion F2)
- Vibrio sp. (isolate D) (lesion F2 and F5)
- Shewanella sp. (kidney F2)

The level and purity of growth of the second *Vibrio* sp. (Isolate D) would not suggest this bacterium may be implicated as the primary source of this lesion or of overall morbidity.

The level and purity of growth of *Shewanella* sp. would not suggest it would be implicated as the primary source of 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).

Infectious pancreatic necrosis virus (IPNV)

Fish Number	Endogenous control Cp value		Cp Values	Reported Result (PCR)	
F1	15.92	17.84	17.87	17.86	POSITIVE
F2	14.20	18.39	18.67	18.64	POSITIVE
F3	14.98	32.26	32.03	32.17	POSITIVE
F4	15.09	13.86	13.90	13.91	POSITIVE
F5	15.07	24.74	24.88	24.85	POSITIVE

Sequencing analysis of samples from F1, F2 and F4 showed consistency with IPNV A2, virulence motif PTA indicating a persistent virulence typically high morbidity (≤90%) and in general little to no mortality (less than 10%)

Salmon gill poxvirus (SGPV)

Fish Number	Endogenous control Cp value		Cp Values	Reported Result (PCR)	
F1		-	-	-	Negative
F2	21.87	32.30	32.34	32.27	POSITIVE
F3		-	-	-	Negative
F4		-	-	-	Negative
F5		-	-	-	Negative

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

Paranucleospora theridion

Fish Number	Endogenous control Cp value		Cp Values	Reported Result (PCR)	
F1	23.47	>40	>40	>40	POSITIVE
F2	21.87	35.80	35.60	35.95	POSITIVE
F3	21.23	34.97	35.18	35.28	POSITIVE
F4	21.37	34.21	34.09	34.09	POSITIVE
F5	22.24	36.98	36.88	36.74	POSITIVE

The samples tested negative for *Neoparamoeba perurans* (AGD).

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 revealed the following:

Gill: Lamellar hyperplasia and fusion, mild, multifocal (F1). Several basophilic epithelial inclusions (likely epitheliocystis) observed in F1. Some aneurysmal dilation/telangiectasia (F1-F5). Some fish displayed post-mortem artefacts (F2, F4-F5).

Skin & Muscle: Lesion: Absence of epidermis. Dermal oedema, mild, with presence Gramnegative rod-shape bacteria, myositis with mild haemorrhage and inflammatory influx (F2). F5 displayed leucocyte infiltration, dermal oedema, and Gram-negative rod-shape bacteria.

Heart: Ranging from very mild to mild myocarditis (F1) and focally extended in F2. Mild epicarditis (F1, F2, F5). F3 displayed two thrombi.

Gut and pyloric caeca: Peritonitis, mild (F5). Some cellular sloughing (F1).

Pancreas: Pancreatic acinar necrosis, very mild to mild, multifocal (F1).

Liver: Several apoptotic individual cells (F1). Hepatocellular vacuolation (macrovesicles), some, diffuse (F4). Mild cuffing (F3).

Kidney: Interstitial necrosis, mild, multifocal (F1, F2) with inflammatory circulating cells. (F1).

Spleen: Some cuffing (F1, F3) and some erythrophagocytosis (F3). Occasional shaped Gramnegative bacilli observed in F2.

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



Date: 24/04/2024 Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0119
 DATE OF VISIT
 27/03/2024

 SITE NO
 FS1042
 SITE NAME
 Seaforth

 CASE NO
 20240097
 INSPECTOR

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected following reports of elevated mortalities.

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

Records

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

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

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

Mortality records were inspected and found to be adequately maintained.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

Signed:

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

Date: 03/04/2024

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2024-0098			Date of visit: 26/03/2024
Time spent on site:	1	Main Inspec	etor:
Site No: SS0598 Business No: SB0394	Site Name: Business Name:	Lewis Mussels Lewis Mussels	
Case Types: 1 ECI 2	3	4 5	6
Water Temp (°C): 8.3	Thermometer No:	T173	FHI 045 completed N/A
Observations:	Region: WI	Water type: S	CoGP MA:
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional info	ormation/clinical score sheet. ormation/clinical score sheet. ormation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detai	I reason below:	

Additional Case Information:

All shellfish moved off for human consumption only, invoices of these movements kept, haulage records also maintained for movements to the mainland.

Spat collection has improved in recent years. Collectors will be put out in June.

No issues to note.

FHI 059, Version 13		_	Issi	ued by: FHI	_		Date of issu	e: 12/05/2020
Case No:	2024-0098		Site No:	SS0598				
Date of Visit:		26/03/202	24		Inspector(s):			
Registration/Author	risation Deta	ails						
1. Business/site deta			site represent	tative?			Υ	1
2. Changes made to	details?	·					Υ	1
Site Details (includ	le cleaner fis	h for all sec	ctions)					
Total No facilities		5	Facilities st	ocked	5	No facilitie	s inspected	5
Species	MED	MED	MED				1	
Age group	2023	2022	2021					
No Fish	15 tonne	20 tonne	20 tonne					
Mean Fish Wt	N/A	N/A	N/A					
Next Fallow Date (S		ongoing		Next Input Da	ite (Site)	spat collec	ction in June 2	2024
Recent (last 4 wks)	•				Any escapes			N/A
If yes, detail:						`	,	
 4. Are movement re 5. Are records comp 6. Are health certific Transport Records 1. Are any movement If yes, is there a sys 	olete and corrected for introduced f	ectly entered ductions (out	d? twith GB) avail ehalf) of the b	lable? usiness (not usi				N/A N/A N/A
Mortality Records								
1. Mortality records	available for i	nspection?						N/A
2. How are mortalitie	es disposed o	f?			Other (detail)		
If other detail:	empty shells	fall to the s	ea bed					
3. Mortality records								N/A
4. Recent mortality ((last 4 wks):		zero					
5. Evidence of recer	nt increased/a	typical mort	alities?					N/A
If yes, facility nos/no	mortality per	facility/no st	tock per facility	y/reason:				
6. Any other peaks i	n mortality du	ring period o	checked?					N/A
If yes, detail:								
7. Have increased (unexplained)	mortalities b	een reported t	to vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	/ents' been re	ported to FF	II? If no, enter	details on mort	ality events sl	heet.		N/A

Treatments and Medicines Records		
Recent treatments (see comment)?		
If yes, detail:		
If other, detail:		
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?		
civile inculation clored appropriatory.		
Biosecurity Records		
Biosecurity records available for inspection?		Y
2. Has the manner and frequency of mortality removal, recor	ding and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Sc	ottish 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 prese	ence or suspicion of the presence of a listed disease	
is detected been included and how and when that will be no	tified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocke	d on the farm site been covered (equal or higher	Y
health status, certification if required)?		
6. Have the husbandry and biosecurity measures implement		Y
transmission of disease been covered (movement of staff, vi		
7. Is documentation available regarding the measures in place	ce to maintain the physical containment of	Y
aquaculture animals held on site?		
8. Have the biosecurity procedures been adequately implement	ented 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:	23/11/2022 to 26/3/2024	

FHI 059, Version 13	Issued by: FHI	Date	of issue: 12		
Case Number:	2024-0098 Site No:	SS059	8		
Date of Visit	26/03/2024 Inspector:				
Number of Susceptil	ble species on site				
-	ies present = <u>LOW</u> risk				
If susceptible species	present, score for each pathogen		No	Yes	
	Susceptible to Bonamia ostrea (OED)		0	25	
	Susceptible to Marteilia refringens (OED, MED)		0	3	3
	Susceptible to OsHV (CGI)		0	3	
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	10
Live challfish mayor	nonto	0	1-2	>3	
Live shellfish mover Movements on	Frequency of movements on from equivalent MS	0	1-2 5	>3 10	0
Movements on		U		10	
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	0
	Number of suppliers	0	5	10	0
	Trainibor of outphiloto			.,	
Movements off	Frequency of movements off within MSS Management				
	Areas	0	1	2	0
	Frequency of movements off outwith MSS Management				
	Areas	0	3	6	0
	Number of destinations	0	3	6	0
			Secure	Unsecure	
Management			(effluent	(no effluent	
practices		None	treatment)	treatment)	
Water contacts with	Denuration of stock from own sites within MCC				
depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	0
		Ŭ			H — H
	Depuration of stock from other businesses sites within MSS management area	0	2	6	0
	Depuration of stock from sites outwith MSS management				
	area	0	4	8	0
Biosecurity	Number of sites	1	2 or 3	≥ 4	
Contacts with other	Sites operating from single shorebase	0	1	2	1
sites	Sites sharing staff and equipment	0	1	5	1
			Yes	No	
	Disinfection of equipment between sites, use of footbath	ıs etc	0	2	2
			Tatal		47
			Total		17
			Risk		MEDIUM

Case No:	2024-0098			Date of visit:	26/03/2024			
Site No:	SS0598	1		Inspector:				
Results Summary	Freq.	Databasa	l		te of Notifica		Ilaaa	nd
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
							-	
							-	
							=	
							=	
Report Summary				1				
Case Type	Date	Insp	2 nd Insp	1				
ECI	04/04/2024							



SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No SB0394 Date of Visit 26/03/2024
Site No SS0598 Site Name Lewis Mussels
Case No 20240098 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.

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

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



The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020		
Case No: 2024-0099			Date of visit: 26/03/2024		
Time spent on site:	0mins	Main Inspect	or:		
Site No: SS0773 Business No: SB0394	Site Name: Business Name:	Sgeir nan Each Lewis Mussels			
Case Types: 1 REG	2 3	4 5	6		
Water Temp (°C):	Thermometer No:		FHI 045 completed		
Observations:	Region: WI	Water type: S	CoGP MA:		
Dead/weak/abnormally behaving Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional info	If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet. If yes, see additional information/clinical score sheet.		
UNI/REG only - if unable to carry					
	N	o boat available			

Additional Case Information:

A site inspection could not be completed as there was no boat available to access the site. The offshore inspection was going to be completed by another Inspector at a later date whilst they were at neighbouring mussel site however, this inspection was required to be delayed until next year.

All paperwork was completed when inspecting the operators other site, Lewis Mussels (SS0598).

Three lines stocked with 10 tonnes 2023 spat and 15 tonnes 2022 growers. It is planned to put new lines out this year.

All movements off for human consumption.

FHI 059, Version 13			Issu	led by: FHI			Date of issu	ıe: 12/05/2020
Case No:	2024-0099		Site No:	SS0773	<u>,</u>			
Date of Visit:		26/03/202	4		Inspector(s):			
Registration/Author	orisation Deta	ails						
1. Business/site deta	•	checked by	site representa	ative?			Υ	
2. Changes made to	details?						N]
Site Details (includ	le cleaner fis		tions)					
		5 200m	,					
Total No facilities		lines	Facilities sto	cked	3	No facilities	s inspected	0
Species	MED	MED						
Age group No Fish	2023 spat	2022						
Mean Fish Wt	10 tonnes	15 tonnes						
Next Fallow Date (S	n/a Site)	n/a ongoing cyc		Next Input Da	oto (Sito)	Spat collec	tors out in Ju	upo 2024
Recent (last 4 wks)	*		JIE		Any escapes			N/A
If yes, detail:	uisease probi	ems:		· · ·	Arry escapes	(Since last)	/1511) :	IV/A
ii yos, actaii.								
Movement Records	s							
Movement record		r inspection?	?					Y
2. Date of last inspe							23/11/2022	
3. Are records comp		ectly entered	! ?					Y
4. Are movement re		-						N/A
5. Are records comp	olete and corr	ectly entered	1?					N/A
6. Are health certific	ates for introd	ductions (out	with GB) availa	able?				N/A
Turney out December								
Transport Records		t by (or on b	chalf) of the bu	usinges (not us	ing a STR)2			
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?								
11 yes, is there a sys	terri iri piace i	Of Indirection	ille of transpor	lation records				
Mortality Records								
1. Mortality records		•						N/A
2. How are mortalities disposed of? Other (detail)								
If other detail:			ed, no mortaliti	ies observed s	ince the last in	spection so	no records t	
3. Mortality records	•	correctly en						N/A
4. Recent mortality (•		0					
5. Evidence of recer		• •						N/A
If yes, facility nos/no	mortality per	facility/no st	ock per facility/	/reason:				
6. Any other peaks i	in mortality du	ring pariod a	shaakad2					N/A
6. Any other peaks i If yes, detail:	n mortality du	ring period c	necked?					IN/A
•	unavalained)	mortalities b	can reported to	o yet or EUI2				N/A
7. Have increased (unexplained)	mortanties be	en reported to) Vet OF FILE				IN//
If yes, detail action: 8. Have 'mortality ev	rente' been re	ported to EL	II2 If no enter	dataile on mor	tality avante ek	acot		N/A
o. Have mortality ev	Perio Deerrie	ported to FT	II! II IIO, enter y	details on mon	tallly events or	ieet.		1 1// 1

Treatments and Medicines Records	_					
1. Recent treatments (see comment)? If yes, detail:						
If other, detail:						
Medicines records available for inspection?	-					
3. Are records complete and correctly entered?	l l					
4. Are fish in a withdrawal period?	l l					
5. If yes, what treatment(s)?						
If other, detail:						
6. Are medicines stored appropriately?	-					
or the medianies dered appropriately:	-					
Biosecurity Records						
Biosecurity records available for inspection?	Г	Y				
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 N	Ministers or veterinary professional of any					
increased (unexplained) mortality at the site been included?	, i	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	e farm site been covered (equal or higher	Y				
health status, certification if required)?	_					
6. Have the husbandry and biosecurity measures implemented between	veen each epidemiological unit to minimise	Y				
transmission of disease been covered (movement of staff, visitors, e	equipment, live or dead fish etc.)?					
7. Is documentation available regarding the measures in place to ma	aintain the physical containment of	Y				
aquaculture animals held on site?						
8. Have the biosecurity procedures been adequately implemented o	n site?	Y				
If no, detail:						
Results of Surveillance						
1. Has any animal health surveillance been carried out by, or on beh	nalf of, the business?	N				
2. If yes, are results available for inspection?		N/A				
3. Any significant results?		N/A				
If yes, detail (if not detailed under recent disease problems).						
Records checked between: 23/11/	2022 to 26/3/2024					

Case Number: 2024-0099 Site No: SS0773 Date of Visit 26/03/2024 Inspector: Number of Susceptible species on site If no susceptible species present = LOW risk If susceptible species present, score for each pathogen No Yes Susceptible to Bonamia ostrea (OED) 0 25 Susceptible to Marteilia refringens (OED, MED) 0 3 Susceptible to OsHV (CGI) 0 3 Sites within a tidal excursion 1 2-5 >6 Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 Live shellfish movements 0 1-2 >3 Movements on Frequency of movements on from equivalent MS 0 5 10 0 Frequency of movements on from equivalent zone or compartment including third country 0 10 20 0 Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management Areas 0 1 2 0 Frequency of movements off outwith MSS Management Areas 0 3 6 0
Number of Susceptible species on site If no susceptible species present, score for each pathogen Susceptible to Bonamia ostrea (OED) Susceptible to Marteilia refringens (OED, MED) Susceptible to OsHV (CGI) Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion Different sites holding susceptible species within a tidal excursion Number of sites holding susceptible species within a tidal excursion Different sites holding susceptible species within a tidal excursion Number of sites holding susceptible species within a tidal excursion Output Different sites holding susceptible species within a tidal excursion Number of sites holding susceptible species within a tidal excursion Output Different sites holding susceptible species within a tidal excursion Output Different sites holding susceptible species within a tidal excursion Output Different sites holding susceptible species within a tidal excursion Output Different sites holding susceptible species within a tidal excursion Output Different sites holding susceptible species within a tidal excursion Output Different sites holding susceptible species within a tidal excursion Output Different sites holding susceptible species within a tidal excursion Output Different sites holding susceptible species within a tidal excursion Output Different sites holding susceptible species within a tidal excursion Output Different sites holding susceptible species within a tidal excursion Output Different sites holding sites holding susceptible species within a tidal excursion Output Different sites holding sites holding susceptible species within a tidal excursion Output Different sites holding
If no susceptible species present = LOW risk If susceptible species present, score for each pathogen Susceptible to Bonamia ostrea (OED) Susceptible to Marteilia refringens (OED, MED) Susceptible to OsHV (CGI) Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion Live shellfish movements O 1-2 >3 Movements on Frequency of movements on from equivalent MS Frequency of movements on from equivalent zone or compartment including third country Number of suppliers O 1 1 2 0 Number of suppliers Frequency of movements off within MSS Management Areas Frequency of movements off outwith MSS Management Areas Frequency of movements off outwith MSS Management Areas Frequency of movements off outwith MSS Management
If no susceptible species present = LOW risk If susceptible species present, score for each pathogen Susceptible to Bonamia ostrea (OED) Susceptible to Marteilia refringens (OED, MED) Susceptible to OsHV (CGI) Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion Live shellfish movements O 1-2 >3 Movements on Frequency of movements on from equivalent MS Frequency of movements on from equivalent zone or compartment including third country Number of suppliers O 1 1 2 0 Number of suppliers Frequency of movements off within MSS Management Areas Frequency of movements off outwith MSS Management Areas Frequency of movements off outwith MSS Management Areas Frequency of movements off outwith MSS Management
Susceptible to Bonamia ostrea (OED) Susceptible to Marteilia refringens (OED, MED) Susceptible to OsHV (CGI) Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion Live shellfish movements Novements on Frequency of movements on from equivalent MS Frequency of movements on from equivalent zone or compartment including third country Number of suppliers Movements off Frequency of movements off within MSS Management Areas Frequency of movements off outwith MSS Management Frequency of movements off outwith MSS Management O The providence of the providence
Susceptible to Marteilia refringens (OED, MED) 0 3 Susceptible to OsHV (CGI) 0 3 Sites within a tidal excursion 1 2-5 >6 Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 Live shellfish movements 0 1-2 >3 Movements on Frequency of movements on from equivalent MS 0 5 10 0 Frequency of movements on from equivalent zone or compartment including third country 0 10 20 0 Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management Areas 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0
Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion Live shellfish movements O 1-2 >3 Movements on Frequency of movements on from equivalent MS Frequency of movements on from equivalent zone or compartment including third country Number of suppliers Novements off Frequency of movements off within MSS Management Areas Frequency of movements off outwith MSS Management O 1 2 O Frequency of movements off outwith MSS Management O 1 2 O Frequency of movements off outwith MSS Management
Sites within a tidal excursion Site contacts Number of sites holding susceptible species within a tidal excursion Live shellfish movements Movements on Frequency of movements on from equivalent MS Frequency of movements on from equivalent zone or compartment including third country Number of suppliers Movements off Frequency of movements off within MSS Management Areas Frequency of movements off outwith MSS Management O Trequency of movements off outwith MSS Management Areas O Trequency of movements off outwith MSS Management Areas O Trequency of movements off outwith MSS Management Areas O Trequency of movements off outwith MSS Management
Site contacts Number of sites holding susceptible species within a tidal excursion
Site contacts Number of sites holding susceptible species within a tidal excursion 0 2 10 10 Live shellfish movements 0 1-2 >3 Movements on Frequency of movements on from equivalent MS 0 5 10 0 Frequency of movements on from equivalent zone or compartment including third country 0 10 20 0 Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management Areas 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 0 0 Frequency of movements off outwith MSS Management 0 1 0 0 Frequency of movements off outwith MSS Management 0 0 0 0 Frequency of movements off outwith MSS Management 0 0 0 0 Frequency of movements off outwith MSS Management 0 0 0 0 Frequency of movements off outwith MSS Management 0 0 0 0 Frequency of movements off outwith MSS Management 0 0 0 0 Frequency of movements off outwith MSS Management 0 0 0 0 0 Frequency of movements off outwith MSS Management 0 0 0 0 0 Frequency of movements off outwith MSS Management 0 0 0 0 0 0 Frequency of movements off outwith MSS Manag
Excursion 0 2 10 10
Movements on Frequency of movements on from equivalent MS 0 5 10 0 Frequency of movements on from equivalent zone or compartment including third country 0 10 20 0 Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management Areas 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0
Movements on Frequency of movements on from equivalent MS 0 5 10 0 Frequency of movements on from equivalent zone or compartment including third country 0 10 20 0 Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management Areas 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 0 0
Frequency of movements on from equivalent zone or compartment including third country 0 10 20 0 Number of suppliers 0 5 10 0 0
Compartment including third country
Number of suppliers 0 5 10 0 Movements off Frequency of movements off within MSS Management Areas 0 1 2 0 Frequency of movements off outwith MSS Management 0 1 2 0
Areas 0 1 2 0 Frequency of movements off outwith MSS Management
Areas 0 1 2 0 Frequency of movements off outwith MSS Management
Frequency of movements off outwith MSS Management
I IAIEAS I II I I I I I I I I I I I I I I I I
Number of destinations 0 3 6 0
Trumber of destinations
Secure Unsecure
Management (effluent (no effluent
practices None treatment) treatment)
Water contacts with Depuration of stock from own sites within MSS
depuration facilities management area 0 1 2 0
Depuration of stock from other businesses sites within
MSS management area 0 2 6 0
Depuration of stock from sites outwith MSS management
area 0 4 8 0
Biosecurity Number of sites 1 2 or 3 ≥ 4
Contacts with other Sites operating from single shorebase 0 1 2
sites Sites sharing staff and equipment 0 1 5 1
Yes No
Disinfection of equipment between sites, use of footbaths etc 0 2 2
Total 17
Risk MEDIUN
NISK

Case No:	2024-0099]		Date of vis	sit: 26/03/20	024				
Site No:	SS0773	SS0773 Inspector:								
Results Summary	Freq.			Γ	Date of Notification					
		Database	e Insp	Phone	Insp	Writing	Insp	2 nd Insp		
		<u> </u>					_			
							_			
	1									
	_									
					_		_			
					_		_			
	-				_		_			
Report Summary				7						
Case Type	Date	Insp	2 nd Insp							
REG	30/04/202	4								
	_									
	+									
										



SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 SB0394
 Date of Visit
 26/03/2024

 Site No
 SS0773
 Site Name
 Sgeir nan Each

 Case No
 20240099
 Inspector

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

A visit to the above site was arranged in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

On this occasion, the site inspection could not be conducted as there was no boat available to access the site.

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.

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

No animal health surveillance had been carried out on behalf of the business and/or Marine Directorate since the last Marine Directorate 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: 30/4/2024

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at <u>Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)</u> R10

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020
Case No: 2024-0100			Date of visit: 26/03/2024
Time spent on site:	hours	Main I	nspector:
Site No: FS0249 Business No: FB0119	Site Name: Business Name:	Ardnish Mowi Scotland Ltd	
Case Types: 1 ECS	2 CNI 3 SLI	4 5	6
Water Temp (°C): 8.23	Thermometer No:	T310	FHI 045 completed N/A
Observations:	Region: HI	Water type: S	CoGP MA: M-31
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N 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 deta	il reason below:	

Additional Case Information:

Fish came on Nov 2023 - Just trout for this cycle as far as manager is aware. 6 Pens from Kinnaird. 3 from Frandy.

Mortality levels seem to be slightly higher in Frandy fish - nothing coming back on samples but hearts seems larger.

Last Salmon harvested out September 2023. Fish leave site dead. Been using the Nove Scotia (deadhaul) boat recently but this cycle they might use the harvesting equipment on shore.

Grumbling mortality - seems to be from failed fish changing from brackish water to this concentration of salinity.

Treatments this cycle: SLICE at start of Feb 2024 (7 days)

Is the only site in management area so isn't fallowed synchronously.

Latest health report: 7th March 2024 - no significant findings regarding tests (Aeromonas, Piscine orthoreovirus, IPN, moritella viscosa, SAV, PDV, yersinia ruckeri, PMCV or ternacibalum spp.) but an increase in the number of misshaped hearts could be observed.

Sealice: Lice levels increased just before the harvesting period in 2022 (2.74 in week 20) and 2023 (3.67 in week 32).

During physical inspection of the site fish appeared healthy, shoaling well and had good feed responses. Fish taken for the statutory ISA sampling had no lice on them and appeared healthy both internally and externally.

FHI 059, Version 13			Issu	ed by: FHI			Date of issu	e: 12/05/2020
Case No:	2024-0100]	Site No:	FS0249				
Date of Visit:		26/03/2024]		Inspector(s):			1
Registration/Autho	risation Deta	ails						_
1. Business/site deta	ails summary	checked by s	ite representa	ative?			Υ	
2. Changes made to	details?		·				N	j
Site Details (includ	e cleaner fis	h for all sect	ions)					
Total No facilities		94	Facilities sto	cked	9	No facilitie	s inspected	94
Species	RTR							
Age group	2023 Q4							
No Fish	136,896							
Mean Fish Wt	1.324kg							
Next Fallow Date (S		Oct/Nov 202	4	Next Input Da	ate (Site)	Jan/Feb 2	025	
Recent (last 4 wks)					Any escapes			N
	disease probi	CITIO:		1,	Arry escapes	(SITICE IAST	visit):	IN
If yes, detail:								
 Movement record Date of last inspeech Are records composite Are movement respective Are records composite Are health certific Transport Records Are any movement If yes, is there a system Mortality Records	ction: olete and corre cords availab olete and corre ates for introd ints carried ou	ectly entered? le for dead fis ectly entered? ductions (outw	th and waste?	able? siness (not us	-		29/04/2021	Y Y Y Y N/A
1. Mortality records a	available for i	nspection?						Y
2. How are mortalitied of their detail:	es disposed o	f?			Ensiled - on s	site		
3. Mortality records	complete and	correctly ente		(24E) Wk40.	0 220/ (446) \	Mk44. 0.24	0/ /422\ \\/\/	Υ
4. Recent mortality (last 4 wks):		(479)	(315), Wk10:	0.32% (440), \	/VK11. U.31	% (433), VVK	12. 0.35%
5. Evidence of recer	nt increased/a	typical mortal	lities?					N
If yes, facility nos/no		• •		/reason:				
,,,	mortanty por	idemity/iie etc	on por raomily,					
6. Any other peaks i	n mortality du	ring period ch	necked?					
o. Any other peaks i				M/I/22, 2 020/	(4540) \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	. 4 440/ /00	17C) and 14/1/2	F. F 050/
If yes, detail:	(3728)	nortality even	its: SAL 2021	Wk33: 2.03%	(1543), WK34	: 4.41% (32	(76) and WK3	5: 5.25%
7. Have increased (u	unexplained)	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, enter	details on mor	tality events sh	neet.		N

Treatments and Medicines Records								
1. Recent treatments (see comment)?	Y							
If yes, detail: T.M.S, SLICE								
If other, detail:								
2. Medicines records available for inspection?	Y							
3. Are records complete and correctly entered?	Y							
4. Are fish in a withdrawal period?	Y							
5. If yes, what treatment(s)? T.M.S and SLICE								
If other, detail:								
6. Are medicines stored appropriately?	Y							
Biosecurity Records								
Biosecurity records available for inspection?	Y							
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y							
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	V							
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	V							
is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	Y							
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher	Y							
health status, certification if required)?								
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise	Y							
transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?								
7. Is documentation available regarding the measures in place to maintain the physical containment of	Y							
aquaculture animals held on site?								
8. Have the biosecurity procedures been adequately implemented on site?	Y							
If no, detail:								
Results of Surveillance								
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: 29/04/2021 - 26/03/2024								

	11 009, VEISIOII 13			_					ueu by.				
	Case no:	2024-01	100	Site No:		FS0249)		Date of		26/0	03/2024	26/(
	Priority samples:	VI		ВА		РА		MG	Samplin	ig: HI			
	Time sampling starts/ends:		5:00		5:00		Inspecto	or:			VMD No	o. 	0
	Environmental conditions:	1	Sunny	2	Windy	3		4		5			
	Summary samples	HIST		ВА		MG	Y	VI	Y	РА		Total Sa	imples
Α	dd Fish/Pools - click												
	Pool/Fish No	1	2	3		_	_						
	Fish nos	1-5	6-10		16-20	21-25	26-30						
	Pool Group	1	2	3	4	5							
	Species	RTR	RTR	RTR	RTR	RTR	RTR						
	Average weight			1.3240			1.3240						
	Sex	N/A	N/A	N/A	N/A	N/A	N/A						
	Water Type	SW	SW	SW	SW	SW	SW						
Stock Details		ഗ Frandy (FS0551)	ഗ Frandy (FS0551)	ഗ Frandy (FS0551)	o Kinnaird (FS0508)	ക Kinnaird (FS0508)	Minnaird (FS0508)						

03/2024	3/2024 Additional Sample Information:												
6		Total To	ests ass	igned	3								
													•

FHI 059, Version 13		Issued by: FHI			Date of	of issue	: 12/05/2020
Case Number:	2024-0100		Site No:	FS0249		Insp:	
Date of Visit	26/03/2024		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of m	ovements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		ovements on from equivalent zone or	0	0	18	26	
	Number of supp	cluding third country	0		10	26 14	
Marrana	,				ļJ		
Movements off	Frequency of m Number of dest		0		6	10 10	0
Exposure via water	Transcr or door	Site contacts			6-10		
Water contacts with other farms (holding species	Farm is protected disinfection or b	ed (secure water supply through porehole)	0				
susceptible to same diseases)		or in a coastal zone with category I or within 1 tidal excursion	1	2	4		1
	farms upstream	or in a coastal zone with category III or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm prod		0				
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				
	Processing fish equivalent statu	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 wast	e only processed.	0	1			0
products	Common proce	sses with other farms	3	1			
	Collection point	for waste from other farms	5				
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	,]			0
	Feeding unpast	•	5				
Biosecurity		Number of sites	1	J 2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing st	aff and equipment	0	1	2		
Disinfection of equipment between sites, use of	Yes		0				0
footbaths etc	No		1]			
CoGP/Regulator				-			
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				
Platform access to cages	Yes		0]			0
	No		2	1			
					Total Rank		2 LOW

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2024-0100	Site No: FS	50249
3. Does the site have access to a range of lice	quivalent) fallowed synchronously on a single year enced in-feed and bath sea lice medications (includ well as access to suitable biological and/or mechan	ling deltamethrin,
4. Is there a signed documented farm manage Management Area (or equivalent)?	ement agreement or statement relevant to the site a	and CoGP Farm
5. Are sea lice count records available for insp	pection? (Legal SSI, CoGP Annex 6) standard specified in the SSI and the CoGP? (Lega	al SSI, CoGP Annex 6)
7. Are sea lice (<i>L. salmonis</i>) record levels beloncecords are inspected? (CoGP Annex 6)	ow the suggested criteria for treatment in the CoGF	o during the period that N
3. Have average adult female sea lice (<i>L. saln</i> 2 or above (from w/b 10/6/19) during the perio	nonis) numbers per fish been at a level of 3 or about that records are inspected?	ve (prior to w/b 10/6/19) or Y
f 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 problems	Y S? (CoGP 4.3.81, 5.3.50)
·	stered or other actions taken when <i>L. salmonis levelongatus</i> is considered to have welfare implications	
13. Are treatments, where conducted, carried	pplicable)? s taken had a significant impact upon the lice levels out in cooperation between participating farms? where fewer populations or part populations are hel	N/A
15. Is there a site specific written lice manage scenarios during the escalation of a sea lice in	ment procedure with waypoints describing set action festation?	ons to deal with recognised Y
16. Do the sea lice levels observed on stocks	reflect sea lice count data? If no please detail reas	ons. Y
· · · · · · · · · · · · · · · · · · ·	ge due to predators in the current or previous produ he predation experienced on site? (Detail below)	oction cycles? N Y
f 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)
7. Were methods (if any) used to recover esca	apees? If yes give detail	
Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	•	ode but could
10. Is the site inspected as satisfactory with re	egards to containment? If no, please detail reason(s	S) Y

		D
FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Case No: 2024-0100 Site	No: FS0249	
Date of Visit: 26/03/2024	Inspector:	
Point of Compliance	farm management area?	
1. Is the farm under inspection located within		Y
If N, no further questions require completion		
Points of Compliance for Both Farm Man	agement Agreements and Statement	S
2. Has a current farm management agreeme		
Is the current FMAg/S available for inspect		Y
4. Does the FMAg/S identify the relevant far	_	Y
Does the FMAg/S identify the fish farm sitDoes the FMAg/S identify the date of com		nent?
7. Does the FMAg/S identify the date of con-	•	Y
,		
Arrangements for Fish Health Manageme		
8. Does the FMAg/S identify the minimum he farm?	ealth standards for the stocks to be intro	oduced to the area or Y
9. Does the FMAg/S identify the vaccination	requirements for stocks held in the area	a or farm?
10. Does the FMAg/S identify the species of	·	
11. Does the FMAg/S identify the maximum individual farm?	stocking density of any pen on any farm	n in the area or the
12. Does the FMAg/S identify the arrangements fish farm in the area or the individual farm?	ents for the storage and disposal of any	dead fish from any
Arrangements for The Management of Se	ea Lice	
13. Does the FMAg/S identify arrangements	for the sharing of data on sea lice num	bers and treatments?
14. Does the FMAg/S identify the availability	and the use of medicines on farms cov	vored by the agreement
of statement?	and the use of medicines of fairins cov	reled by the agreement
15. Does the FMAg/S identify any requirement	ents for the sensitivity testing of available	e treatments for sea
lice on farms in the area or individual farms?		
16. Does the FMAg/S identify the circumstar used on farms in the area or individual farms		d cleaner fish are to be
used on farms in the area of individual farms		ns within the area?
17. Does the Fiving/O identity the arrangement	chie for synchronous treatments on fam	ins within the area:
Live Fish Movements		
18. Does the FMAg/S identify the circumstar area or farm?	nces when live fish may be introduced o	
19. Does the FMAg/S identify the arrangeme	ents for the movement of live fish on an	d off sites in the area
or individual farms?		

FHI 059, Version 13	Issued by: FHI	Date of issue: 12/05/2020
Harvesting 20. Does the FMAg/S identify acceptable	harvest practices on farms in the area or indiv	ridual farms?
date when a farm or area may be restock		
22. Does the FMAg/S identify whether on agreement or statement?	e or more year classes may be stocked onto s	ites covered by the Y
23. Does the FMAg/S identify whether brocovered by the agreement or statement?	oodstock or potential broodstock are to be kep	t on any site
Point of Compliance for Farm Manage 24. Does the farm management agreeme parties to the agreement?	ment Agreements Only ent include arrangements for persons to becom	ne, or cease to be, N/A
Management and operation 25. Is the fish farm being managed and o 26. What is the version no/date of issue of	operated in accordance with the agreement or solution of the FMAg/S? 11/29/2023	statement? Y

Case No:	2024-0100			Date of visit:	26/03/2024			
Cito No.	EC0240	- 1				_		
Site No:	FS0249	J		Inspector:				
Results Summary	Freq.				te of Notifica			_
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
ISA	0/6	08/04/2024		08/04/2024		11/04/2024		
	+	 						
	+							
	+	1						
	+	 						
	+	1						
Report Summary		<u> </u>		1				
Case Type	Date	Insp	2 nd Insp					
ECS, CNI, SLI	11/04/2024							
	_							
	+							

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0119
 DATE OF VISIT
 26/03/2024

 SITE NO
 FS0249
 SITE NAME
 Ardnish

 CASE NO
 20240100
 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.

As the only active site within the Disease Management Area (DMA) and due to being stocked with rainbow trout, a thirty fish sample was taken to test for the presence of infectious salmon anaemia virus (ISAv). The Inspector did not observe any clinical signs associated with the listed diseases as described in the Aquatic Animal Health (Scotland) Regulations 2009.

Samples

Thirty rainbow trout were tested for the presence of infectious salmon anaemia virus (ISAv). Samples were collected according to the table below:

Fish Number	Pool Number	Facility Number	Stage	Origin
1-5	1	5	1.324 kg adult	Frandy (FS0551)
6-10	2	5	1.324 kg adult	Frandy (FS0551)
11-15	3	5	1.324 kg adult	Frandy (FS0551)
16-20	4	6	1.324 kg adult	Kinnaird (FS0508)
21-25	5	6	1.324 kg adult	Kinnaird (FS0508)
26-30	6	6	1.324 kg adult	Kinnaird (FS0508)

All samples tested **negative** for ISAv.

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.

R25

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

Mortality records were inspected and found to be adequately maintained.

Mortality levels had exceeded the reporting criteria since the last inspection and had not been reported to the Fish Health Inspectorate. I would like to remind you of the industry agreement in relation to mortality reporting as detailed in A Code of Good Practice for Scottish Finfish Aquaculture.

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

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

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

- Three mortality events in 2021 (Wks 33-35) have not been reported to FHI. A corrupt file at the time resulted in the missed reporting. Mortality notifications have now been submitted for these weeks. No further action required.

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.

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.



Fish Health Inspector

Date: 11/04/2024

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)

FHI 059, Version 13		Issued by: FHI	Date of issue: 12/05/2020					
Case No: 2024-0101			Date of visit: 27/03/2024					
Time spent on site:	hours	Main Inspecto	or:					
Site No: FS1240 Business No: FB0544	Site Name: Business Name:	Highland Scotland						
Case Types: 1 PPI 2	3	4 5	6					
Water Temp (°C):	Thermometer No:		FHI 045 completed					
Observations:	Region: HI	Water type: B	CoGP MA:					
Dead/weak/abnormally behaving of Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	If yes, see additional infor	mation/clinical score sheet. mation/clinical score sheet. mation/clinical score sheet.					
UNI/REG only - if unable to carry out intended visit detail reason below:								

Additional Case Information:

An inspection was carried out at Mowi's Blar Mhor processing facility to assess the biosecurity measures in place after the recent machinery update at the facility. The authorised processing establishment checklist was completed, which details the systems that are in place.

The site as a whole is still under construction however phase one of redevelopment to the processing facilities is complete. All current processing is taking place within the new building adjacent to the original processing plant. The next phase of redevelopment is under way with the original building currently being gutted and then upgraded. Once complete, the wall between the two building will be opened up and combined to expand the processing facilities, almost doubling the processing capabilities.

Fish can now only be received as dead haul via tankers. Tankers arrive in the yard and park in the back right corner so that water checks can be carried out. Once complete, the tankers reverse up to the processing plant with the valve hanging over a concrete bunded area with central drains. Large pipes are connected to the tankers and attached to a transfer pipe which transfers the fish from the tanker to inside the factory where they can be processed. Once emptied the tankers are then disinfected on site prior to departure using CIP (a 6 stage process) - Oxysan 15 which is an acid-based disinfectant is used in the tankers CIP, this is dozed at between 250 and 500ppm, Timings are: Stage 1 rinse 1 minute, Stage 2 rinse 1 minute, stage 3 chemical dozing 3 minutes, stage 4 Chemical wash 15 minutes, stage 5 Final Rinse 2 minutes. Stage 6 Manual external clean and disinfection).

The yard is bunded with central drains for the collection of any bloodwater. Tankers are not currently disinfected on arrival into the yard as all tankers go from the plant to the harvest stations and then return – no tankers are ever on sites which may be under disease control restrictions. If the need arises, disinfection of vehicles on arrival into the yard could be implemented using disinfection mats that the vehicles drive over. It is thought that this would likely be unnecessary unless external vehicles (picking up waste products) were coming onto site and had been on a site where a notifiable disease was present. Due to continued construction on site, the one-way traffic system is no longer in place and vehicles enter and leave the yard site via the same main gate. The loading area for lorries transporting the final processed product from the plant is not located in the secured bunded yard where unloading of fish takes place.

The waste disposal system has not changed since the last inspection. All effluent water from the site is collected in floor drains and transferred via underground pipes to an underground sump. From here, the water is moved through the on-site treatment plant which is situated separately from the processing areas. The plant is padlocked for controlled access. All wastewater from the site on arrival at the plant, first moves through a drum filter (2.5mm mesh) before moving into a DAF unit where solid waste is removed. The separated solids are then moved over a belt press and an emulsion polymer is injected. The solid waste is then dosed with formic acid (<4pH) and a deodorising scrubber before being transported to a holding tank before being uplifted and taken to Energen Biogas. The remaining wastewater with solids removed is passed through the treatment room where a chemical feed is administered (sodium hypochlorite (up to 5ppm), ferric sulphate and emulsion polymer). Disinfected wastewater then passes through a sample point to comply with discharge consents before being discharged into mains sewage where it is transported to Caol waste water treatment works.

Currently all visitors must be met before gaining entry to the site and must sign in at the temporary cafeteria located in a portacabin outside the processing building. Staff gain access into the processing plant using a facial recognition system. As visitors must be accompanied during their visit, access to the facility is gained via the staff member. Hand sanitisers are strategically placed throughout the facility and there is a changing room whereby staff and visitors must change into site-specific PPE before entering the primary processing area. PPE comprises of wellies, overalls and hair nets (these are disposable). There is a hand washing station located at the entrance to the primary processing area. Footbaths are also deployed at strategic points around the site.

At present all fish are being processed as head on and gutted, with fish being transported to the Rosyth facility if additional processing such as filleting is required. Once pumped into the processing plant, fish are transported along a conveyor belt where they are sorted through 5 processing lines: 4 machine gutting lines and one manual. The external quality characteristics of the fish are graded pre gutting by the operative feeding the machines, there is a camera system within the machines which is capable of grading the internal quality characteristics of the fish.

Minimal fish handling is required with a conveyor system in operation, keeping the area clean throughout the gutting process. Fish are currently graded via camera technology and weighing systems before being directed via conveyor belts and gates to the packing area where they will be packed into bins or boxes depending on the orders the plant needs to fulfil. The processing and packing area is fully enclosed with floor drains feeding into the effluent treatment system. Viscera from the vacuum pumps are transported via pipes to a large holding tank located outside in the yard. Here, the waste is dosed with formic acid at a pH<4 before it is uplifted and transported by contained tankers to Pelagia for further processing/ensiling.

Across the site, equipment is colour-coded to specific work areas. Drains are also colour coded. Waste transfer records are maintained for each uplift. Any ice that is used throughout the process is also collected in colour-coded bins and transferred to the treatment plant before discharge into mains sewage.

The processing area including all equipment and surfaces is cleaned and disinfected at the end of each day (not between batches of fish from different sites). The plant works of a food safety basis so would not necessarily clean between batches of fish from different sites even if one had a notifiable disease however would happily process fish coming from sites subject to control measures for bacterial kidney disease (BKD) last and then the processing site would be cleaned and disinfected following the processing of these fish.

Traceability records such as number of animals received, farm of origin, destination of product, number and destination of animals rejected, staff and visitor movements on and off site, cleaning and disinfection of vehicles and transport containers, cleaning and disinfection of personnel and equipment brought onto and off site and staff training records are all maintained. Staff are trained in food hygiene procedures but not bio-security specifically and recognition of clinical diseases of fish. Staff however are trained to report if any fish coming in to be processed looks or smells "wrong/different". Depending on what they find, production can be halted while the issue is investigated. The processing facility relies largely on the site staff on the fish farms to have identified any health/disease issues.

FHI 059, Version 13			Issu	ued by: FHI			Date of issue	: 12/05/2020
Case No:	2024-0101		Site No:	FS1240				
Date of Visit:		27/03/2024]		Inspector(s):			
Registration/Authorn. 1. Business/site det			ita ranrasant	ative?				
2. Changes made to		checked by s	ne represent	alive:				
Site Details (includ	le cleaner fisl	n for all sect	ions)					
Total No facilities			Facilities sto	ocked		No facilitie	s inspected	
Species								
Age group								
No Fish								
Mean Fish Wt	ita			Novt Input Do	oto (Sito)			
Next Fallow Date (S	,	ama?		Next Input Da	_ ` ′	(ainea last	vioit\2	
Recent (last 4 wks) If yes, detail:	disease proble	ems?			Any escapes	(Since last	visit) ?	
4. Are movement re 5. Are records comp 6. Are health certific Transport Records 1. Are any moveme If yes, is there a sys	olete and corre ates for introd s nts carried out	ectly entered? uctions (outw	vith GB) avail half) of the bu	able? usiness (not us			<u> </u>	
Mortality Records								
1. Mortality records		•						
2. How are mortalitie	es disposed of	i?						
If other detail:			10					
3. Mortality records	•	correctly ente	erea?					
 Recent mortality Evidence of receive 	•	typical mortal	itios?				-	
If yes, facility nos/no		• •		//reason:			L	
ir yes, racility 1105/110	Thortality per	iacility/110 Sto	ck per racility	//16a5011.				
6. Any other peaks i	n mortality du	ring period ch	necked?					
If yes, detail:		3 1						
7. Have increased (unexplained) r	nortalities be	en reported t	o vet or FHI?				
If yes, detail action:	,							
8. Have 'mortality ev	vents' been re	oorted to FHI	? If no, enter	details on more	tality events sl	neet.		

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

Case No:	2024-0101	7		Data of vii	ait. 27/02/2	204			
Case No.	2024-0101	J		Date of vi	sit: 27/03/20	J24			
Site No:	FS1240 Inspector:								
Results Summary	Freq.	Freq. Date of Notification							
	· ·	Database	e Insp	Phone	Insp	Writing	Insp	2 nd I	
	+								
	+								
		1							
Report Summary	Date	1	and -	_					
Case Type	Date	Insp	2 nd Insp						
PPI	16/04/2024								
	+								



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business No FB0544 Date of Visit 27/03/2024

SITE NO FS1240 SITE NAME Highland – Blar Mhor Processing Facility

Case No 20240101 Inspector

PROCESSING PLANT INSPECTION

An inspection of the above facility was made in accordance with the Aquatic Animal Health (Scotland) Regulations 2009 to assess the measures in place for the processing of fish harvested from aquaculture sites subject to control measures for bacterial kidney disease after the recent upgrades to the processing plant.

As procedures set out in the permissions to harvest fish from the three sites covered by confirmed designation notices for bacterial kidney disease; Loch Earn (FS0180), Braevallich (FS0260), and Tervine (FS0268), are no longer in place these permissions are withdrawn. Should you wish in future to harvest fish from these sites to Blar Mhor processing facility please reapply for permission.

If reapplying, additional improvements would be required prior to the facility being authorised to process fish subject to disease control measures for other listed diseases as required by regulation 7 of the Aquatic Animal Health (Scotland) Regulations 2009 (the 2009 Regs). Prior to authorisation as a processing establishment by the competent authority under the 2009 Regs, for the site to process fish subject to disease control measures (for listed diseases, other than BKD), the following areas require further investigation and improvement:

- Contingency plans to deal with a breach of the biosecurity systems at the processing establishment will need to be developed and followed
- Procedures for the immediate notification of the Scottish Ministers in the event of a breach in biosecurity at the processing facility
- · Staff training in the recognition of clinical signs of listed diseases.

Details of the process of applying for authorisation with Marine Scotland are available at:

<u>Aquaculture Processing Establishment (APE): forms and quidance - gov.scot (www.gov.scot)</u>.

Should Mowi wish to seek authorisation for the Blar Mhor processing facility in accordance with the Aquatic Animal Health Regulations 2009, please contact the Fish Health Inspectorate

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: 16/04/2024

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at Fish Health Inspectorate Service Charter - gov.scot (www.gov.scot)