FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0105			Date of visit: 12/03/2019
Time spent on site:	irs	Main Inspect	or:
Site No: FS1322 Business No: FB0125	Site Name: Business Name:	Barcaldine Hatchery Incubation Scottish Sea Farms Ltd	on 2
Case Types: 1 ECI 2	CNI 3	4 5	6
Water Temp (°C): 9	Thermometer No:	Site	FHI 045 completed N
Observations:	Region: ST	Water type: F	CoGP MA
Dead/weak/abnormally behaving to Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional info	ermation/clinical score sheet. ermation/clinical score sheet. ermation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:	

Ova disinfected with Buffodine upon arrival on site.

No mortalities/culls moved off site. Currently stored in tank on site, awaiting completion of mortality removal system. Once this is completed, morts/culls will be ensiled on site prior to transport off site.

All alevins on site will be moving off to first feeding unit 18/03/19.

Plan to receive Ova from in June, further input is scheduled for October 2019.

Unable to access site due to painters. Site inspected the next day.

Inspection and paperwork completed by under upervision.

Site thermometer used due to strict biosecurity rules on site.

Ensiled material will be moved to Caledonian Processing in Dumfries.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0105		Site No:	FS1322]			
Date of Visit:		12/03/2019			Inspector(s):]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	utive?			Y Y]
Site Details								
Total No facilities		1 Hatchery	Facilities sto	cked	1 Hatchery	No facilitie	s inspected	1 Hatchery
Species	SAL							
Age group	Jan-19							
No Fish	1,443,360							
Mean Fish Wt	0.1g YSF							
Next Fallow Date (S	ite)	March 2019		Next Input Da	ite (Site)	June 2019		
Recent (last 4 wks) (disease probl	ems?		N	Any escapes	(since last	visit)?	N
Movement Records								
Movement record		r inspection?						Y
2. Date of last inspe		i inspection:					First inspect	-
3. Are records comp		ectly entered?					т постпоросс	Y
4. Are movement re		•						N/A
5. Are records comp	lete and corre	ectly entered?						N/A
6. Are health certific		•		able?				Y
Transport Records								
Are any movement		t by (or on bel	nalf) of the bu	isiness (not usi	ing a STB)?			Y
If yes, is there a syst			•	•	_			Y
Mortality Records								
Mortality records a	available for in	espection?						Y
2. How are mortalities		•			Ensiled - on	site		
If other detail:	alsposed o				Ensiled - on	JIC .		
3. Mortality records	complete and	correctly ente	ered?					Y
	·		Morts range	d from 1,720 to			cross site pe	r week since
4. Recent mortality (• •	weeks). Failed	ova and dero	rmaties.		NI NI
5. Evidence of recer		• •		/				N
If yes, facility nos/no	mortality per	racility/no sto	ck per facility	reason:				
6. Any other peaks i	n mortality du	ring period ch	ecked?					N
If yes, detail:								
7. Have increased (u	ınexplained) ı	mortalities be	en reported to	vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to FHI	? If no, add M	RT case and e	enter on morta	lity events s	heet.	N/A

aquaculture animals held on site?

2. If yes, are results available for inspection?

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

Records checked between:

Results of Surveillance

3. Any significant results?

If no. detail:

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

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

Since input (Jan 29) - 12/03/19

FHI 059, Version 12		Issued by: FHI			Date o	of issue	: 08/10/2018
Case Number:	2019-0105		Site No:	FS1322	I	nsp:	
Date of Visit	12/03/2019		No of m	ovements/s		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	_		40	00	
species	compartment in Number of sup	ncluding third country	0		18 10	26 14	9
Movements off	Frequency of m		0		6	10	3
F	Number of des		0		6	10	3
Exposure via water Water contacts with other	Earm is protect	Site contacts ed (secure water supply through	0	1-5	6-10		_
farms (holding species	disinfection or l		0				0
susceptible to same diseases)		or in a coastal zone with category I	1	2	4		
uiseases		or within 1 tidal excursion or in a coastal zone with category III	'		4		-
		or within 1 tidal excursion	1	3	6		0
		or in a coastal zone with category V					
	farms upstream	n or within 1 tidal excursion	1	4	8		0
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				0
	Processing fish	from MS of equivalent status	2	1			0
	Processing fish	,					
	equivalent state Processing fish	4				0	
		from Category V farm	10				0
			10				
Disposal of fish and fish by- products		· · ·	0				0
products		esses with other farms	3				3
	Collection poin	t for waste from other farms	5				0
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	1			0
	Feeding unpas	teurised feed	5				0
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				0
CoGP/Regulator				•			
Practices in accordance	Yes		0	1			0
with regulator or industry code of practice	No		3				0
	IVee			1			
Platform access to cages	Yes		0				0
	No		2	J			0
					Total		27
					Rank		HIGH

Case No:	2019-0105	Site No: FS1322					
Sea Lice Inspection	(Seawater Sites Only)						
1. Has the site exper	rienced sea lice problems	s in the previous 4 years?					
2. Is the CoGP Farm	Management Area (or e	quivalent) fallowed synchronously on a single year class basis?					
azamethiphos and e can these be deploy	mamectin benzoate) as ed in a reasonable period documented farm manag	enced in-feed and bath sea lice medications (including deltamethrin, well as access to suitable biological and/or mechanical control measures, and dof time? ement agreement or statement relevant to the site and CoGP Farm					
		pection? (Legal SSI, CoGP Annex 6)					
		standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)					
	almonis) record levels be d? (CoGP Annex 6)	low the suggested criteria for treatment in the CoGP during the period that					
8. Have average adult female sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or above during the period that records are inspected?							
If yes, have these be	en reported to the Fish I	Health Inspectorate? If no, FHI see comment.					
9. Is <i>C. elongatus</i> in	festation at a level which	is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)					
		stered or other actions taken when <i>L. salmonis levels</i> have exceeded the <i>elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)					
11. Has any other ac	ction been taken (where a	applicable)?					
12. Have therapeutic	treatments or the action	s 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?							
	ecific written lice manage escalation of a sea lice i	ement procedure with waypoints describing set actions to deal with recognised infestation?					
16. Do the sea lice le	evels observed on stocks	reflect sea lice count data? If no please detail reasons.					
Containment Inspe	ction						
1. Has the site exper	rienced equipment dama	ge due to predators in the current or previous production cycles?	N				
2. Are measures in p	lace to mitigate against	the predation experienced on site? (Detail below)	Υ				
Site indoors, vermi	n control.						
If other, detail belo	w:						
•	·	perienced on or in the vicinity of the site since the last FHI inspection?	N				
	questions 4 – 9. If No skip reported to Scottish Minis	•					
5. Have these been	reported to local DSFB fo	orthwith (where they exist)? (CoGP - 4.4.37, 5.4.17)					
		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 aill nets were de	ploved was this action a	greed with local wild fish interests and was permission given by Scottish					
	oGP – 4.4.38, 5.4.18)	g grown by decided					
9. What action was t	aken to prevent and min	mise the risk of further escapes? (Not covered in code but could					
be considered und	der satisfactory measu	res of the Act)					
10. Is the site inspec	ted as satisfactory with r	egards to containment? If no, please detail reason(s)	Υ				

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Case No:	2019-0105			Date of visit:	12/03/2019			
Case No.	2019-0103			Date of visit.	12/03/2019			
Site No:	FS1322			Inspector:				
Results Summary	Freq.			Da	te of Notificat	tion		
·		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
ECI, CNI	15/03/2019		2 11130					





Scottish Sea Farms Ltd Laurel House Laurelhill Business Park Polmaise Road Stirling FK7 9JQ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0125
SITE NO FS1322
SITE NAME
Barcaldine
Hatchery
Incubation 2
20190105

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

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. R04

Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB Tel - 0131 244 3498 Fax - 0131 244 0944 Email - <u>ms.fishhealth@gov.scot</u> Website - <u>www.gov.scot/Topics/marine/science</u> No mortality levels exceeding the reporting criteria have been recorded since input.

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed:

Fish Health Inspector

Date: 21/03/2019

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

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0106			Date of visit: 12/03/2019
Time spent on site:	nrs	Main Inspect	or:
Site No: FS1324 Business No: FB0125	Site Name: Business Name:	Barcaldine Hatchery Incubation Scottish Sea Farms Ltd	n 4
Case Types: 1 ECI 2	CNI 3	4 5	6
Water Temp (°C): 9	Thermometer No:	Site	FHI 045 completed N
Observations:	Region: ST	Water type: F	CoGP MA
Dead/weak/abnormally behaving to Clinical signs of disease observed Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional info	rmation/clinical score sheet. rmation/clinical score sheet. rmation/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit deta	ail reason below:	

Ova disinfected with Buffodine upon arrival on site.

No mortalities/culls moved off site. Currently stored in tank on site, awaiting completion of mortality removal system. Once this is completed, morts/culls will be ensiled on site prior to transport off site.

All alevins on site will be moving off to first feeding unit 18/03/19.

Plan to receive Ova from in June, further input is scheduled for October 2019.

Unable to access site in morning due to painters. Site inspected in the afternoon.

Inspection and paperwork completed by under supervision.

Ensiled material transported to Dumfries, Caledonian Processing.

Site thermometer used due to biosecurity proceedures on site.

FHI 059, Version 12			Issu	ied by: FHI			Date of issu	ıe: 08/10/2018
Case No:	2019-0106		Site No:	FS1324				
Date of Visit:		12/03/2019			Inspector(s):]
Registration/Autho 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y Y	-
Site Details Total No facilities Species	SAL	1 Hatchery	Facilities sto	ocked	1 Hatchery	No facilitie	es inspected	1 Hatchery
Age group No Fish	Jan-19 1,515,528							
Mean Fish Wt Next Fallow Date (Si	0.1g YSF ite)	March 2019		Next Input Da	ate (Site)	June 19		
Recent (last 4 wks) of If yes, detail:					Any escapes		visit)?	N
 Movement records Date of last inspects Are records compts Are movement records compts Are records compts Are health certification Transport Records	ction: olete and corre cords available olete and corre ates for introd	ectly entered? le for dead fisl ectly entered?	h and waste?				First inspect	Y N/A N/A Y
1. Are any movemer If yes, is there a syst			•	•	_			N/A
Mortality Records 1. Mortality records a 2. How are mortalitie If other detail:		•			Ensiled - on	site		Y
Mortality records of Recent mortality (correctly ente	mortalities fro	rom 3,032 - 63, s). Failed ova a			site per week	Y since input
5. Evidence of recently fyes, facility nos/no	nt increased/a	**	lities?	,				N
6. Any other peaks in If yes, detail:	n mortality du	ring period ch	ecked?					N
7. Have increased (ulif yes, detail action: 8. Have 'mortality ev			·		onter on mort	olity events (chaot	N/A
o. have mortality ev	ents been re	ported to FIII	? II no, add IV	irt i case and e	enter on morta	anty events s	meet.	IN/A

Results of Surveillance

If no. detail:

aquaculture animals held on site?

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?

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

- 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:

Since input (Jan 19) - 12/03/19

FHI 059, Version 12		Issued by: FHI			Date o	t issue	: 08/10/2018
Case Number:	2019-0106		Site No:	FS1324		lnsp:	
Date of Visit	12/03/2019		No of m	ovements/s	supp./dest.	Score	
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	9
·	Number of sup	ncluding third country pliers	0		10	14	5
Movements off	Frequency of n	novements off		3	6	10	3
INDVENIENCE OII	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				0
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		0
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		0
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		0
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				0
	Processing fish	from MS of equivalent status	2				0
	Processing fish equivalent state	4				0	
	_	from Category III farm	8				0
	Processing fish	n from Category ∨ farm	10				0
Disposal of fish and fish by-	Site's own was	te only processed.	0	1			0
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				0
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	I 0	1			0
·	Feeding unpas	•	5				0
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	1			
between sites, use of footbaths etc	No		1				0
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				0
Platform access to cages	Yes		0	1			0
	No		2	j			0
					Total Rank		27 HIGH

Case No:	2019-0106		Site No:	FS1324	
Sea Lice Inspection (• •				
	nced sea lice problems in th	•		l bi.0	
	-	alent) fallowed synchronously o			
azamethiphos and emacan these be deployed	amectin benzoate) as well a in a reasonable period of ti	d in-feed and bath sea lice med as access to suitable biological me? nt agreement or statement relev	and/or med	chanical control measu	res, and
Management Area (or		·			
5. Are sea lice count re	ecords available for inspecti	on? (Legal SSI, CoGP Annex 6)		
6. Do records adequat	ely reflect the required stand	dard specified in the SSI and th	e CoGP? (L	egal SSI, CoGP Anne	x 6)
7. Are sea lice (<i>L. saln</i> records are inspected?	· · · · · · · · · · · · · · · · · · ·	ne suggested criteria for treatme	ent in the C	oGP during the period	that
8. Have average adult records are inspected?	•	s) numbers per fish been at a le	evel of 3 or a	above during the perio	d that
If yes, have these been	n reported to the Fish Health	n Inspectorate? If no, FHI see c	omment.		
9. Is C. elongatus infe	station at a level which is co	onsidered to cause significant w	elfare probl	ems? (CoGP 4.3.81, 5	.3.50)
		d or other actions taken when <i>latus</i> is considered to have welf			
11. Has any other action	on been taken (where applic	cable)?			
12. Have therapeutic to	eatments or the actions tak	en had a significant impact upo	n the lice le	vels recorded?	
13. Are treatments, wh	ere conducted, carried out i	n cooperation between participa	ating farms	?	
sea lice?	•	e fewer populations or part pop			
	ific written lice managemen scalation of a sea lice infest	t procedure with waypoints des ation?	cribing set a	actions to deal with rec	ognised
16. Do the sea lice leve	els observed on stocks refle	ect sea lice count data? If no ple	ease detail r	reasons.	
Containment Inspect	ion				
1. Has the site experie	nced equipment damage du	ue to predators in the current or	previous pr	roduction cycles?	N
2. Are measures in pla	ce to mitigate against the p	redation experienced on site? (I	Detail below	/)	Υ
Site indoors, vermin	control.				
If other, detail below					
Have escape incide	ents or events been experier	nced on or in the vicinity of the	site since th	e last FHI inspection?	N
	estions 4 – 9. If No skip to q			·	
	ported to Scottish Ministers				
5. Have these been re	ported to local DSFB forthwi	ith (where they exist)? (CoGP –	4.4.37, 5.4	1.17)	
6. Have these been re	ported to the SSPO and loc	al fisheries trusts forthwith (whe	re they exis	st)? (CoGP – 4.4.37, 5.	4.17)
7. Were methods (if ar	ny) used to recover escapee	es? If yes give detail			
O If all note were dead	oved was this action are	with local wild fish interests	ud wee reserve	pission given by Carti	ah.
Ministers? (Legal, Co		I with local wild fish interests an	iu was perm	iission given by Scottis	oi i
· •		the risk of further escapes? (Ne	ot covered i	in code but could	
	r satisfactory measures o				
10. Is the site inspecte	d as satisfactory with regard	ds to containment? If no, please	detail reas	on(s)	Υ

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

Case No:	2019-0106			Date of visit:	12/03/2019			
Cubb No.	2010 0100			'				
Site No:	FS1324			Inspector:				
Results Summary	Freq.			Da	te of Notificat	tion		
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
	-							
	-							
Report Summary				1				
Case Type	Date	Insp	2 nd Insp					
ECI, CNI	15/03/2019							





Scottish Sea Farms Ltd Laurel House Laurelhill Business Park Polmaise Road Stirling FK7 9JQ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0125
SITE NO FS1324
SITE NAME
DATE OF VISIT
12 &13/03/2019
Barcaldine
Hatchery
Incubation 4
20190106

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

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. R04

Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB Tel - 0131 244 3498 Fax - 0131 244 0944 Email - <u>ms.fishhealth@gov.scot</u> Website - <u>www.gov.scot/Topics/marine/science</u> No mortality levels exceeding the reporting criteria have been recorded since input.

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

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

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

On this occasion the site was found to be satisfactory.

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

Signed:

Fish Health Inspector

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

Date: 21/03/2019

FHI 059, Version 12	ı	Issued by: FHI	Date of issue: 08/10/2018				
Case No: 2019-0107			Date of visit: 11/03/2019				
Time spent on site:	4hrs	Main In	spector:				
Site No: FS0508 Business No: FB0456	Site Name: Business Name:	Kinnaird Mill Trout Dawnfresh Farming Ltd					
Case Types: 1 ECI	2 CNI 3 VMD	4 MIX 5	6				
Water Temp (°C): 3.8-9	Thermometer No:	T146	FHI 045 completed N				
Observations:	Region: TA	Water type: F	CoGP MA				
Dead/weak/abnormally behaving fish present? 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 N							
UNI/REG only - if unable to carry out intended visit detail reason below:							

MIX - site currently only taking one sample per treatment (i.e. 10-day treatment) as oppossed to every time medicated feed is mixed. Discussed with site manager and will get back with requirements from VMD once discussed. 20/03/19: Following discussion with VMD, site has been advised to retain aggregate samples per treatment.

Few moribund fish found in some ponds, but no clinical signs of disease.

Water temperature on site was maintained at 9degrees celsius in the hatchery. The natural water temperature of the outdoor ponds was 3.8degrees celsius.

Fish taken for VMD appeared healthy and feeding.

Peaks in Mortality across September, October and November (highest peak at 9% across the whole month of October 2018 across whole site). Attributed to RTFS. During this time, mortalities never exceeded the reporting threshold.

Inspection, paperwork & VMD sampling completed by under supervision.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0107		Site No:	FS0508	3			
Date of Visit:		11/03/201	9		Inspector(s):]
Registration/Author	orisation Det	ails						
1. Business/site det	ails summary	checked by	site representa	ative?			Υ	1
2. Changes made to	details?						Υ]
Site Details								
Total No facilities		27	Facilities sto	cked	1/	No facilities	s inspected	27
Species	RTR	RTR						
Age group	2018	2019						
No Fish	402,500	276,500						
Mean Fish Wt	83g	0.32g						
Next Fallow Date (S	site)	No fallow p	lanned.	Next Input Da	ate (Site)	March 201	9	
					7.			
Recent (last 4 wks)			ding betalanı			es (since last v	/isit)?	N
If yes, detail:	K1F5 acros	ss site, exclud	aing natchery.	Gut fungus ide	entified in na	itchery.		
Movement Record	s							
1. Movement record	ls available fo	or inspection?	?					Y
2. Date of last inspe							02/11/2017	
3. Are records comp						·		Y
4. Are movement re				?				Y
5. Are records comp		•						Y
6. Are health certific	ates for intro	ductions (out	with GB) availa	able?				Y
Transport Records	•							
1. Are any moveme	nts carried oເ	it by (or on b	ehalf) of the bu	usiness (not us	ing a STB)?	?		Y
If yes, is there a sys	tem in place	for maintena	nce of transpo	rtation records	?			Y
Mortality Records								
1. Mortality records	available for	inspection?						Y
2. How are mortaliti	es disposed o	of?			Ensiled - o	on site		
If other detail:								
3. Mortality records	complete and	d correctly en						Y
4. Recent mortality	(last 4 wks):					9 (4437, 0.64% oss whole site.	•	19 (16,778,
5. Evidence of recei	•	atypical morta		(,,			Y
If yes, facility nos/no		• •		/reason:				
Peak in mortalities i		•			es.			
6. Any other peaks								Y
If yes, detail:	See addition	nal comment	S.					
7. Have increased (unexplained)	mortalities b	een reported to	o vet or FHI?				N/A
If yes, detail action:								
8 Have 'mortality ev	vents' been re	eported to FH	II? If no. add M	IRT case and	enter on mo	rtality events s	heet	N/A

ii otilei, detaii.		
2. Medicines records	ls available for inspection?	Y
3. Are records comp	plete and correctly entered?	Y
4. Are fish in a withd	drawal period?	Y
5. If yes, what treatm	ment(s)? Florfenicol, TMS	
If other, detail:		
6. Are medicines sto	ored appropriately?	Y
Biosecurity Record	ds	
_	ds available for inspection?	Y
•	and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner a	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
4. Has the action tha	at will be taken in the event that the presence or suspicion of the presence of a listed disease	se Y
is detected been incl	cluded and how and when that will be notified to Scottish Ministers?	
	atus of aquaculture animals being stocked on the farm site been covered (equal or higher	Y
health status, certific	cation if required)?	
	dry and biosecurity measures implemented between each epidemiological unit to minimise	Y
	ease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	
7. Is documentation aquaculture animals	a available regarding the measures in place to maintain the physical containment of	
•	rity procedures been adequately implemented on site?	
If no, detail:	inty procedures been adequately implemented on site:	<u> </u>
Results of Surveilla	ance	
1. Has any animal he	nealth surveillance been carried out by, or on behalf of, the business?	Y
-	available for inspection?	Y
3. Any significant res	sults?	Y
If yes, detail (if not d	detailed under recent disease problems).	_
F	Records checked between: 02/11/17-11/03/19	

	Time sampling starts/ends: Environmental conditions		15:00 Indoors	14:30:00		Inspecto	or: 4	5	VMD No	o.	2
	Summary samples	HIST	В	Α	MG		VI I	PA		Total Sa	amples
	, i			_	_						•
	Add Fish/Pools - click										
[Pool/Fish No										
l	Fish nos	1-2									
- [Pool Group										
- 1	Species	RTR									
- 1	Average weight	315g									
- 1	Sex	N/A									
- 1	Water Type	FW									
	Stock Origin Facility No	Corgary Northern Ireland									
	O Facility NO	1									

	Additional Sample Information:												
	Fish killed using overdose of TMS.												
0		Total To	ests ass	igned	0	1							

FHI 059, Version 12		Issued by: FHI			Date o	of issue	: 08/10/2018
Case Number:	2019-0107		Site No:	FS0508	I	nsp:	
Date of Visit	11/03/2019		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	5
with GB) of susceptible species		novements on from equivalent zone or	_		40	00	
species	compartment in Number of sup	ncluding third country	0		18 10	26 14	5
Movements off	Frequency of m		0		6	10	10
F	Number of des		0		6	10	3
Exposure via water Water contacts with other	IFarm is protect	Site contacts ed (secure water supply through	0	1-5	6-10		_
farms (holding species	disinfection or l		0				0
susceptible to same diseases)		or in a coastal zone with category I	1	,	4		1
uiseases)		or within 1 tidal excursion or in a coastal zone with category III	'		4		—
		or within 1 tidal excursion	1	3	6		0
		or in a coastal zone with category ∨					
	tarms upstream	n or within 1 tidal excursion	1	4	8		0
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
the fales of the directive	Processing own	n fish (re-cycling risk)	1				0
	Processing fish	from MS of equivalent status	2	1			0
		from zone or compartment of					
	equivalent state		4				0
		from Category III farm	8				0
		from Category V farm	10				0
Disposal of fish and fish by-	Site's own was	te only processed.	0				0
products	Common proce	esses with other farms	3				0
	Collection poin	t for waste from other farms	5				0
Use of unpasteurised feeds	No feeding of u	npasteurised feed	0	1			0
	Feeding unpas	teurised feed	5				0
Biosecurity	•	Number of sites	. 1	2 or 3	≥4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		0
	Sites sharing s	taff and equipment	0	1	2		0
Disinfection of equipment	Yes		0]			0
between sites, use of footbaths etc	No		1				0
CoGP/Regulator	•			•			
Practices in accordance	Yes		0	1			0
with regulator or industry code of practice	No		3				0
Diatform access to cares	Yes		1 ^	1			
Platform access to cages	No		0				0
	140		2	J			0
					Total		24
					Rank		MEDIUM

Case No:	2019-0107		Site No:	FS0508	
Sea Lice Inspection	(Seawater Sites Only)				
1. Has the site experi	enced sea lice problems	s in the previous 4 years	?		
2. Is the CoGP Farm	Management Area (or e	equivalent) fallowed syn	chronously on a single y	ear class basis?	
azamethiphos and er can these be deployed	mamectin benzoate) as ed in a reasonable period ocumented farm manag	well as access to suitab d of time?	sea lice medications (ind le biological and/or med tement relevant to the si	hanical control measu	ires, and
		pection? (Legal SSI, Co	GP Annex 6)		
			e SSI and the CoGP? (L	egal SSI, CoGP Anne	ex 6)
7. Are sea lice (L. sal		low the suggested criter	ia for treatment in the Co	oGP during the period	that
8. Have average adu records are inspected	•	monis) numbers per fish	n been at a level of 3 or a	above during the perio	od that
If yes, have these be	en reported to the Fish I	Health Inspectorate? If n	o, FHI see comment.		
9. Is <i>C. elongatus</i> inf	estation at a level which	is considered to cause	significant welfare proble	ems? (CoGP 4.3.81, 5	5.3.50)
			aken when <i>L.</i> salmonis to have welfare implicati		
11. Has any other ac	tion been taken (where	applicable)?			
12. Have therapeutic	treatments or the action	ns taken had a significan	t impact upon the lice le	vels recorded?	
13. Are treatments, w	here conducted, carried	out in cooperation between	een participating farms?	•	
14. Is there a harvest sea lice?	ting strategy for the site,	where fewer population	s or part populations are	held without treatmen	nt for
	ecific written lice manage escalation of a sea lice		aypoints describing set a	ctions to deal with red	cognised
16. Do the sea lice le	vels observed on stocks	s reflect sea lice count d	ata? If no please detail re	easons.	
Containment Inspec	tion				
1. Has the site experi	enced equipment dama	ge due to predators in the	ne current or previous pro	oduction cycles?	N
2. Are measures in p	lace to mitigate against	the predation experience	ed on site? (Detail below)	Υ
Electric fence, top i	nets, camera traps to	monitor vermin, pest o	control plan.		
If other, detail belov	w:				
					N
•			cinity of the site since the	e last FHI inspection?	N
	uestions 4 – 9. If No ski eported to Scottish Mini	•			
5. Have these been r	eported to local DSFB fo	orthwith (where they exis	st)? (CoGP – 4.4.37, 5.4	.17)	
			orthwith (where they exist		.4.17)
7. Were methods (if a	any) used to recover esc	capees? If yes give detai	I		
8 If all nets were de	ployed was this action a	greed with local wild fish	interests and was perm	ission given by Scotti	sh
Ministers? (Legal, Co		g. Joa mar room who fish	orodo una was penn		
9. What action was ta	aken to prevent and min	imise the risk of further	escapes? (Not covered in	n code but could	
be considered und	er satisfactory measu	res of the Act)			
10. Is the site inspect	ted as satisfactory with r	egards to containment?	If no, please detail reason	on(s)	Υ

Issued by: FHI

Date of issue: 08/10/2018

FHI 059, Version 12

Site No: FS0508

Case No: 2019-0107

Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology

Case No:	2019-0107			Date of visit:	11/03/2019						
				Inspector:							
Site No:	FS0508										
Results Summary	Freq.	Date of Notification									
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp			
Report Summary				1							
Case Type	Date	Insp	2 nd Insp								
ECI. CNI. VMD	22/03/2019		2 11100								
ECI, CNI, VMD MIX	22/03/2019										
	1										
	1										
	†										
	1										
	1										
	+										





Dawnfresh Farming Ltd Bothwellpark Industrial Estate Uddingston Lanarkshire G71 6LS

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

Business NoFB0456Date of Visit 11/03/2019Site NoFS0508Site NameKinnaird Mill TroutInspectorCase No20190107

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

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.

R04

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007 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.

Fish Health Inspector

Signed:

Date: 21/03/2019

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

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018						
Case No: 2019-0113			Date of visit: 28/03/2019						
Time spent on site:	30 mins	Main	Inspector:						
Site No: FS1269 Business No: FB0119	Site Name: Business Name:	Lochailort Recirculation Mowi Scotland Ltd	on Hatchery						
Case Types: 1 IMP	23	4 5	6						
Water Temp (°C):	Thermometer No:		FHI 045 completed						
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:									

Import inspection at Aberdeen airport. 1350000 SAL OVA from Marine Harvest Norway (Mowi), Tveitevag. Certificate No. INTRA.NO.2019.0000858.

Case No:	2019-0113	Date of visit: 28/03/2019								
Site No:	FS1269	Inspector:								
Results Summary	Freq.			Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp		
Report Summary				1						
Report Summary Case Type	Date	Insp	2 nd Insp							
IMP	28/03/2019	шэр	2 insp							
11411	20/03/2013									
	+									
	+									
	+									
	+									
	 									
	+									
	+									





Mowi Scotland Ltd Stob Ban House Glen Nevis Business Park Fort William PH33 6RX

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NOFB0119DATE OF VISIT28/03/2019SITE NOFS1269SITE NAMELochailort

Recirculation

INSPECTOR CASE No Hatchery 20190113

Inspection of a consignment introduced into Scotland

An inspection was conducted at Aberdeen airport on a consignment of 1,350,000 Atlantic salmon ova introduced into Scotland from Marine Harvest Norway (Mowi).

The accompanying health certificate met the requirements of the Aquatic Animal Health (Scotland) Regulations 2009 and the Trade in Animals and Related Products (Scotland) Regulations 2012.

The consignee must retain the original health certificate for at least 3 years.

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 Marine Scotland website at www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter

Date: 28/03/2019

FHI 059, Version 12	1	Issued by: FHI	Date of issue: 08/10/2018						
Case No: 2019-0114			Date of visit: 13/03/2019						
Time spent on site:	hrs	Main I	nspector:						
Site No: FS1067 Business No: FB0456	Site Name: Business Name:	Inverawe (East) Etive 2 Dawnfresh Farming Ltd							
Case Types: 1 ECI	2 CNI 3 VMD	4 SLI 5	6						
Water Temp (°C): 7	Thermometer No:	Site	FHI 045 completed N						
Observations:	Region: ST	Water type: S	CoGP MA M-36						
Dead/weak/abnormally behaving fish present? 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 N									
UNI/REG only - if unable to carry out intended visit detail reason below:									

TMS used for lice counts, but records kept not sufficient. Missing batch number, pen number and withdrawal period. Discussed with site manager who has agreed to keep these records going forward. No further action required.

Few moribund fish found on site, fish taken for VMD sampling appeared healthy and feeding well.

Inspection, paperwork and VMD sampling completed by under supervision.

Site thermometer used due to biosecurity issues with site staff.

Fish input regularly from Rocks Lodge in Northern Ireland, transported by well boat.

Do not fallow sites on a syncronous basis as four sites in Loch and one will always be stocked.

Escape reported 9/8/19 - hole in net caused by seal- see escape MSe090818RTR1

Issue	ed by: FHI			Date of issue	e: 08/10/2018
Site No:	FS1067				
		Inspector(s):			
te representa	tive?			Y N	
Facilities stoo	cked	5	No facilities	s inspected	6
)19	Next Input Da	te (Site)	April 2019		
	N	Any escapes	(since last v	visit)?	N
					Y
				21/08/2018	
			·		Y
n and waste?					Y
"I- OD\"I-	1-1-0				Y
ith GB) avalla	DIE!				ı
		-			N
e of transpor	tation records?	•			
		\A/IIE-I	d Ob		Y
by Dilly Davi	a going to Dor			emicals	
	e, going to bar	kip and Dunda	15.		Y
	m 4/02/19) mo	rts ranged fro	m 0-324 per	week (0.04%	%-0.7%). For
•	,		•	•	
cause					
					N
ck per facility/	reason:				
110					NI NI
ecked?					N
en reported to	vet or FHI?				N/A
If no, add M	RT case and e	nter on mortal	ity events s	heet.	N/A
	site No: te representation Facilities stor and waste? th GB) availation alf) of the burse of transport by Billy Bowiered? For Feb (From Cause ties? ck per facility/ ecked?	Facilities stocked Next Input Da Next Input Da Name and waste? Ith GB) available? Ith GB) available?	Inspector(s): Inspec	Inspector(s): Inspec	Inspector(s): Inspector(s): Y N Facilities stocked Description No facilities inspected April 2019 No Any escapes (since last visit)? In and waste? In and waste? In and waste? In GB) available? Whole fish - Dundas Chemicals by Billy Bowie, going to Barkip and Dundas. Tred? For Feb (From 4/02/19) morts ranged from 0-324 per week (0.049) March (From 01/03/19) morts ranged from: 0-242 per week. No dicause ties? In and waste? In and waste?

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Recent treatments (last 4 wks)? If yes, detail: TMS		Y
If other, detail:		
Medicines records available for inspect	ion?	Y
3. Are records complete and correctly enter	ered?	N
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?	TMS	
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
1. Biosecurity records available for inspec	tion?	Y
	ality removal, recording and safe disposal b	
·	e APB will notify Scottish Ministers or vetering	nary professional of any
increased (unexplained) mortality at the s	site been included?	1

2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	N
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	Y
Biosecurity Records	
1. Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any	
increased (unexplained) mortality at the site been included?	Y
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease	Y
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	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	
Results of Sulveinance	
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).	
04/00/40 40/00/40	

1	starts/ends:	10.0	0.00	10.1	0.00		Пороск			******	٠ ا	_
	Environmental conditions:	1	Indoors	2		3		4	5		1	
1	Summary samples	HIST		BA		MG		VI	PA		Total Sa	amples
1												
1	Add Fish/Pools - click											
ľ	Add 1 ISII/I OOIS - CIICK											
1	Pool/Fish No											
L	Fish nos	1										
I	Pool Group											
I	Species	RTR										
ı	Average weight	2.5000										
ı	Sex											
ı	Water Type	SW										
1												
ı												
ı												
1												
ı	Details											
ŀ	eta	Ę										
ľ	Õ	8										
ľ	Stock Origin Facility No	Selcoth										
	ಕ್ರ Facility No	E3										

	,										
	Addition	nal Sam	ple Infor	mation:							
	Killed b	y percus	ssive blo	OW .							
0	ı	Total To	ests ass	igned	0	ı					

FHI 059, Version 12		Issued by: FHI			Date o	t issue	: 08/10/2018
Case Number:	2019-0114		Site No:	FS1067		nsp:	
Date of Visit	13/03/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out		novements on from equivalent MS	0	5	10	14	10
with GB) of susceptible species		novements on from equivalent zone or ncluding third country	0	9	18	26	0
	Number of sup	·	0			14	5
Movements off	Frequency of n	novements off		3	6	10	10
	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				0
susceptible to same diseases)	farms upstrean	or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		2
	farms upstrean	or in a coastal zone with category III n or within 1 tidal excursion	1	3	6		0
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		0
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro	cessing	0				0
	Processing own	n fish (re-cycling risk)	1				1
	Processing fish	from MS of equivalent status	2				0
	Processing fish equivalent state	4				0	
		n from Category III farm	8				0
	Processing fish	n from Category ∨ farm	10				0
Disposal of fish and fish by-	Site's own was	te only processed.	0	1			0
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				0
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	I 0	i			0
	Feeding unpas	•	5				0
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		0
Disinfection of equipment	Yes		Ιο	1			
between sites, use of footbaths etc	No		1				1
CoGP/Regulator							
Practices in accordance with regulator or industry	Yes		0				0
code of practice	No		3				0
Platform access to cages	Yes		T 0	1			0
	No		2	1			0
					Total Rank		38 HIGH

Case No:	2019-0114	Site No: FS1067					
Sea Lice Inspection (S							
1. Has the site experier	nced sea lice problems	s in the previous 4 years?	N				
2. Is the CoGP Farm M	anagement Area (or e	quivalent) fallowed synchronously on a single year class basis?	N				
azamethiphos and ema can these be deployed	mectin benzoate) as in a reasonable period		Y				
4. Is there a signed doo Management Area (or e		ement agreement or statement relevant to the site and CoGP Farm	Y				
5. Are sea lice count re	cords available for ins	pection? (Legal SSI, CoGP Annex 6)	Υ				
6. Do records adequate	ely reflect the required	standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	Υ				
 Are sea lice (L. salme records are inspected?) 	•	low the suggested criteria for treatment in the CoGP during the period that	Y				
8. Have average adult f records are inspected?	· ·	monis) numbers per fish been at a level of 3 or above during the period that	N				
If yes, have these been	reported to the Fish H	Health Inspectorate? If no, FHI see comment.	N/A				
9. Is <i>C. elongatu</i> s infes	tation at a level which	is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	N				
•		stered or other actions taken when <i>L. salmonis levels</i> have exceeded the <i>elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	Υ				
11. Has any other actio	n been taken (where a	applicable)?	N/A				
•	•	s taken had a significant impact upon the lice levels recorded?	Y				
•			Y				
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 scenarios during the escalation of a sea lice infestation?							
16. Do the sea lice leve	els observed on stocks	reflect sea lice count data? If no please detail reasons.	Υ				
Containment Inspecti	on						
 Has the site experier 	nced equipment dama	ge due to predators in the current or previous production cycles?	Υ				
2. Are measures in plac	ce to mitigate against t	the predation experienced on site? (Detail below)	Υ				
ADD, tension nets, to	p nets, additional la	yers of seal pro netting on base of net, MML					
If other, detail below:							
·							
3. Have escape incider	nts or events been exp	perienced on or in the vicinity of the site since the last FHI inspection?	N				
If Yes proceed with que	estions 4 – 9. If No skip	o to question 10					
4. Have these been rep	orted to Scottish Minis	sters?					
		orthwith (where they exist)? (CoGP - 4.4.37, 5.4.17)					
6. Have these been rep	orted to the SSPO an	d local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)					
7. Were methods (if any	y) used to recover esc	apees? If yes give detail					
9 If gill note were deale	wod was this setion a	grood with local wild fish interests and was normission given by Cootlish					
Ministers? (Legal, CoG	P – 4.4.38, 5.4.18)	greed with local wild fish interests and was permission given by Scottish					
	•	mise the risk of further escapes? (Not covered in code but could					
be considered under	•						
10. Is the site inspected	d as satisfactory with r	egards to containment? If no, please detail reason(s)	Υ				

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0114	Site No: FS1067	
Date of Visit: 13/03/20	Inspector:	
Point of Compliance		
1. Is the farm under inspection locate	ed within a farm management area?	Y
If N, no further questions require com	npletion.	
Points of Compliance for Both Far	m Management Agreements and Statements	
3. Is the current FMAg/S available for4. Does the FMAg/S identify the relevance5. Does the FMAg/S identify the fish	vant farm management area? farm site(s) to which it applies? of commencement of the agreement or statement of review?	Y Y Y
8. Does the FMAg/S identify the minifarm? 9. Does the FMAg/S identify the vaccion 10. Does the FMAg/S identify the special 11. Does the FMAg/S identify the maindividual farm?	imum health standards for the stocks to be introductional control of the stocks held in the area of the stocks of fish which may be stocked into the area of the stocking density of any pen on any farm in the storage and disposal of any decay.	r farm? r farm? Y Y the area or the
Arrangements for The Managemer	nt of Sea Lice	
13. Does the FMAg/S identify arrange	ements for the sharing of data on sea lice number	rs and treatments?
14. Does the FMAg/S identify the available of statement?	ailability and the use of medicines on farms covere	
15. Does the FMAg/S identify any red lice on farms in the area or individual	quirements for the sensitivity testing of available tro I farms?	
16. Does the FMAg/S identify the circused on farms in the area or individual	cumstances under which biological controls and cleal farms?	
17. Does the FMAg/S identify the arra	angements for synchronous treatments on farms v	within the area?
Live Fish Movements		
area or farm?	cumstances when live fish may be introduced or re angements for the movement of live fish on and or	

FHI 059, Version 12	issued by: FHI	Date of Issue: 08/10/20
Harvesting		
20. Does the FMAg/S identify acceptable	e harvest practices on farms in the area or indi	vidual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be restoo	by which the area or individual farm will be fallocked?	ow and the earliest Y
22. Does the FMAg/S identify whether o agreement or statement?	one or more year classes may be stocked onto	sites 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 kep?	pt on any site
Point of Compliance for Farm Manage	ement Agreements Only	
24. Does the farm management agreem parties to the agreement?	nent include arrangements for persons to becor	me, or cease to be, N/A
Management and operation		
25. Is the fish farm being managed and	operated in accordance with the agreement or	statement?
26. What is the version no/date of issue	of the FMAg/S? 4	

Site No: FS1067

Case No: 2019-0114

Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology

Case No:	2019-0114	Date of visit: 13/03/2019									
Site No:	FS1067	l	Inspector:								
Results Summary	Freq.			Da	te of Notifica	tion					
		Database	Insp		Insp	Writing	Insp	2 nd Insp			
	_					-					
	+										
	1										
	-										
Report Summary				1							
Case Type	Date	Insp	2 nd Insp	1							
ECI, CNI, SLI, VMD	15/03/2019		2 11130	1							
,,,				1							
		Ì		1							
				1							





Dawnfresh Farming Ltd Bothwellpark Industrial Estate Uddingston Lanarkshire G71 6LS

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0456 DATE OF VISIT 13/03/2019
SITE NO FS1067 SITE NAME Inversawe (East) Etive 2
INSPECTOR CASE NO 20190114

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

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 mortality levels exceeding the reporting criteria have been recorded since the last inspection. Reports detailing the results of animal health surveillance carried out by or on behalf of the business and/or Marine Scotland were available for inspection.

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

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

Medicine records were inspected and found to be inadequately maintained.

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

- Tricaine methane sulphonate treatment records were not maintained correctly.
 - o The batch number, unit number and withdrawal period must be recorded.

This was discussed with the site manager who has agreed to record this information going forward. No further action required.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

Signed:

Fish Health Inspector

Date: 21/03/2019

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

FHI 059, Version 12	I	ssued by: FHI		Date of issue: 08/10/2018				
Case No: 2019-0115			[Date of visit:	3/03/2019			
Time spent on site:	hrs	M	lain Inspector:					
Site No: FS1101 Business No: FB0456	Site Name: Business Name:	Etive 3 (Port na Mi Dawnfresh Farmin	,					
Case Types: 1 ECI	2 CNI 3 VMD	4 SLI 5	5	6				
Water Temp (°C): 7	Thermometer No:	Site] f	FHI 045 complet	ted N			
Observations:	Region: ST	Water type:	S	CoGP MA	M-36			
Dead/weak/abnormally behaving fish present? 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 N								
UNI/REG only - if unable to carry out intended visit detail reason below:								

Additional Case Information:

TMS used for lice counts, but records kept not sufficient. Missing batch number, pen number and withdrawal period. Discussed with site manager who has agreed to keep these records going forward. No further action required.

Few moribunds found on site, fish taken for VMD sampling appeared healthy and feeding well.

Inspection, paperwork and VMD sampling completed by under supervision.

Site thermometer used due to biosecurity protocal at the site,

Regular inputs from Rocks Lodge, Northern Ireland by well boat.

Nearby logging of forest, resulted in run off containing high levels of metals that were detected in gill tissue. Fish went off feed, got vet in. Slight increase in mortalities, attributed to metals.

Four Dawnfresh sites in Loch Etive. Not fallowed syncronously for production reasons.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018
Case No:	2019-0115		Site No:	FS1101				
Date of Visit:		13/03/20)19		Inspector(s):			1
Registration/Authornal Business/site det 2. Changes made to	ails summary		y site representa	ative?			Y Y	- }
Site Details						_		
Total No facilities		10	Facilities sto	cked	10	No facilitie	s inspected	10
Species	RTR	RTR	RTR					
Age group	2016	2017	2018					
No Fish	9,498	47,353	235,603					
Mean Fish Wt	3.8kg	3.6kg	947g					
Next Fallow Date (S	site)	July 2020		Next Input Da	ate (Site)	November	· 19	
Recent (last 4 wks) If yes, detail:	disease prob	lems?		N	Any escapes	(since last	visit)?	N
 Are records comp Are movement re Are records comp Are health certific Transport Records Are any moveme If yes, is there a sys 	cords available end corrected and corrected and corrected are for introces.	ole for dead rectly entered ductions (o	fish and waste? ed? utwith GB) availa behalf) of the bu	able? usiness (not us	_			Y Y Y
Mortality Records								
Mortality records		•	•					Y
2. How are mortalitied of their detail:	_		. Dille Danie Aale	t- Diuliu	Whole fish -	Dundas Che	emicals	
3. Mortality records		•	Billy Bowie, tak	en to birkip an	d Dundas.			Y
Recent mortality	·	Correctly	w/b 4/02/19	(150, 0.25%), 25/02/19 (22, 0				
5. Evidence of recei	`	atvoical mo						N
If yes, facility nos/no		• •		/reason:				
6. Any other peaks i If yes, detail:	n mortality du	uring period	I checked?					N
7. Have increased (unexplained)	mortalities	been reported to	o vet or FHI?				N/A
If yes, detail action:								
8. Have 'mortality ev	ents' been re	ported to F	HI? If no. add M	IRT case and	enter on morta	lity events s	sheet.	N/A

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Recent treatments (last 4 wks)? If yes, detail: T.M.S	5.	Y
If other, detail:		
 Medicines records available for inspe Are records complete and correctly e 		N
Are fish in a withdrawal period?	ntereu :	l I
5. If yes, what treatment(s)?	TMS	•
If other, detail:	Time	
6. Are medicines stored appropriately?		Y
Biosecurity Records		
Biosecurity records available for insper	ection?	Y
•	ortality removal, recording and safe disposal beer	n considered?
	the APB will notify Scottish Ministers or veterinary	
increased (unexplained) mortality at the	e site been included?	Y
is detected been included and how and	e event that the presence or suspicion of the presence when that will be notified to Scottish Ministers? animals being stocked on the farm site been cov	
	measures implemented between each epidemiolomovement of staff, visitors, equipment, live or de	
	the measures in place to maintain the physical of	
8. Have the biosecurity procedures been	n adequately implemented on site?	Y
If no, detail:		
Results of Surveillance		
Has any animal health surveillance be If yes, are results available for inspec	een carried out by, or on behalf of, the business?	Y
Any significant results?	uon:	· · · · · · · · · · · · · · · · · · ·
5. Arry significant results :		
		ing of forest, resulted in run off igh levels of metals that were detected

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

in gill tissue. Fish went off feed, got vet in. Slight increase in mortalities, attributed to metals.

VMD No.

Total Samples

Inspector:

A	dd Fish/Pools - click							
	Pool/Fish No							
	Fish nos	1-2						
	Pool Group							
	Species	RTR						
	Average weight	500g						
	Sex							
	Water Type	SW						
tock Details	Stock Origin Facility No	Rocks Lodge						
S	racility No	P4						

Time sampling

Summary samples

Environmental conditions:

starts/ends:

13:10:00

HIST

1 Indoors

BA

13:20:00

	Addition	nal Sam	ple Infor	mation:											
	Killed using percussive blow.														
0		Total To	ests ass	igned	0	1									

FHI 059, Version 12		Issued by: FHI			Date o	of issue	: 08/10/2018
Case Number:	2019-0115		Site No:	FS1101	I	nsp:	
Date of Visit	13/03/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	5
with GB) of susceptible species		novements on from equivalent zone or	_		40	00	
species	compartment in Number of sup	ncluding third country	0		18 10	26 14	5
			U	5	10		
Movements off	Frequency of n		0		6	10	10
	Number of des		0		6	10	3
Exposure via water Water contacts with other	Tearm is protect	Site contacts red (secure water supply through	0	1-5	6-10		_
farms (holding species	disinfection or l	borehole)	0				0
susceptible to same diseases)		or in a coastal zone with category I	1	2	1		2
uiseases)		n or within 1 tidal excursion or in a coastal zone with category III	'	2			
	farms upstrean	n or within 1 tidal excursion	1	3	6		0
		or in a coastal zone with category V n or within 1 tidal excursion	1	4	8		
	lainis upstream	TOT WITHIN T HUAI EXCUISION	<u> </u>	4	٥		$\overline{}$
Management practices			None	Secure	Unsecure		
Water contacts with processors	Any processing	g plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm pro	cessing	0	1			0
the rules of the directive	Processing ow	n fish (re-cycling risk)	1	1			1
	Processing fish	from MS of equivalent status	2	1			0
		from zone or compartment of	,				
	equivalent state	us n from Category III farm	4				0
	_	n from Category ∀ farm	8				0
			10				<u> </u>
Disposal of fish and fish by- products		· · ·	0				0
products	Common proce	esses with other farms	3				3
	Collection poin	t for waste from other farms	5				0
Use of unpasteurised feeds	No feeding of u	inpasteurised feed	0	1			0
	Feeding unpas	teurised feed	5	1			0
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	1			0
between sites, use of footbaths etc	No		1				1
CoGP/Regulator				_			
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				0
Platform access to cages	Yes			1			0
and the second second	No		2				0
	1.3			J			
					Total		35
					Rank		HIGH

Case No:	2019-0115	Site No: FS1101	
Sea Lice Inspection (S	• •		
•	•	s in the previous 4 years?	N
	-	equivalent) fallowed synchronously on a single year class basis?	N
azamethiphos and ema can these be deployed	mectin benzoate) as in a reasonable period		Υ
4. Is there a signed doc Management Area (or e		ement agreement or statement relevant to the site and CoGP Farm	Y
5. Are sea lice count re	cords available for ins	pection? (Legal SSI, CoGP Annex 6)	Υ
6. Do records adequate	ly reflect the required	standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	Υ
7. Are sea lice (<i>L. salme</i> records are inspected?		low the suggested criteria for treatment in the CoGP during the period that	Υ
8. Have average adult f records are inspected?	· ·	monis) numbers per fish been at a level of 3 or above during the period that	N
If yes, have these been	reported to the Fish H	Health Inspectorate? If no, FHI see comment.	N/A
9. Is <i>C. elongatus</i> infes	tation at a level which	is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	N
		stered or other actions taken when <i>L. salmonis levels</i> have exceeded the <i>elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	N/A
11. Has any other action	n been taken (where a	applicable)?	N/A
•	•	is taken had a significant impact upon the lice levels recorded?	Y
		out in cooperation between participating farms?	Y
		where fewer populations or part populations are held without treatment for	Y
15. Is there a site speci scenarios during the es		ement procedure with waypoints describing set actions to deal with recognised nfestation?	Υ
16. Do the sea lice leve	ls observed on stocks	reflect sea lice count data? If no please detail reasons.	Υ
Containment Inspection	on		
1. Has the site experien	iced equipment dama	ge due to predators in the current or previous production cycles?	N
2. Are measures in place	ce to mitigate against t	the predation experienced on site? (Detail below)	Υ
ADD, tension nets, to	p nets, HDPE nets,	MML	
If other, detail below:			
Have escape incider	nts or events been exp	perienced on or in the vicinity of the site since the last FHI inspection?	N
If Yes proceed with que	stions 4 – 9. If No skip	p to question 10	
4. Have these been rep	orted to Scottish Minis	sters?	
		orthwith (where they exist)? (CoGP - 4.4.37, 5.4.17)	
6. Have these been rep	orted to the SSPO an	d local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if any	y) used to recover esc	apees? If yes give detail	
8 If all nots were deplo	wed was this action a	greed with local wild fish interests and was permission given by Scottish	
Ministers? (Legal, CoG	P – 4.4.38, 5.4.18)		
		imise the risk of further escapes? (Not covered in code but could	
be considered under	•	· ·	
10. Is the site inspected	l as satisfactory with r	egards to containment? If no, please detail reason(s)	Υ

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0115	Site No: FS1101	
Date of Visit: 13/03/2019	9 Inspector:	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Y
If N, no further questions require comp	letion.	
Points of Compliance for Both Farm	Management Agreements and Statements	
 3. Is the current FMAg/S available for i 4. Does the FMAg/S identify the releva 5. Does the FMAg/S identify the fish fa 6. Does the FMAg/S identify the date o 7. Does the FMAg/S identify the date o 	ant farm management area? arm site(s) to which it applies? af commencement of the agreement or statemer af review?	Y Y Y
Arrangements for Fish Health Managements	gement	
8. Does the FMAg/S identify the minim farm?	um health standards for the stocks to be introdu	uced to the area or Y
 Does the FMAg/S identify the vaccin Does the FMAg/S identify the spec 	nation requirements for stocks held in the area o lies of fish which may be stocked into the area o imum stocking density of any pen on any farm in	r farm?
12. Does the FMAg/S identify the arrar fish farm in the area or the individual factors.	ngements for the storage and disposal of any de arm?	ead fish from any
Arrangements for The Management	of Sea Lice	
13. Does the FMAg/S identify arranger	ments for the sharing of data on sea lice number	rs and treatments?
14. Does the FMAg/S identify the available of statement?	ability and the use of medicines on farms covere	
15. Does the FMAg/S identify any require on farms in the area or individual fa	irements for the sensitivity testing of available tr arms?	reatments for sea
	mstances under which biological controls and c	
	ngements for synchronous treatments on farms	within the area?
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or rengements for the movement of live fish on and o	

FHI 059, Version 12	Issued by: FHI	Date of issu	ie: 08/10/2018
Harvesting			
20. Does the FMAg/S identify acceptable harvest	practices on farms in the area or in	dividual farms?	
Fallowing			
21. Does the FMAg/S identify the dates by which t date when a farm or area may be restocked?	the area or individual farm will be fa	Illow and the earliest	
22. Does the FMAg/S identify whether one or more agreement or statement?	e year classes may be stocked onto	o sites covered by the	
23. Does the FMAg/S identify whether broodstock covered by the agreement or statement?	or potential broodstock are to be k	ept on any site	
Point of Compliance for Farm Management Ag	reements Only		
24. Does the farm management agreement includ parties to the agreement?	le arrangements for persons to bec	come, or cease to be,	/A
Management and operation			
25. Is the fish farm being managed and operated in	in accordance with the agreement of	or statement?	
26. What is the version no/date of issue of the FM	IAg/S? 4		

Site No: FS1101

Case No: 2019-0115

Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology

Case No:	2019-0115			Date of visit:	13/03/2019			
Site No:	FS1101			Inspector:				
Results Summary	Freq.				te of Notificat			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
			-					
Report Summary								
Case Type	Date	Insp	2 nd Insp					
ECI, CNI, SLI, VMD	15/03/2019							





Dawnfresh Farming Ltd Bothwellpark Industrial Estate Uddingston Lanarkshire G71 6LS

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0456 DATE OF VISIT 13/03/2019
SITE NO FS1101 SITE NAME Etive 3 (Port na Mine)
INSPECTOR CASE NO 20190115

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

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 mortality levels exceeding the reporting criteria have been recorded since the last inspection. Reports detailing the results of animal health surveillance carried out by or on behalf of the business and/or Marine Scotland were available for inspection.

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

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

Medicine records were inspected and found to be inadequately maintained.

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

- Tricaine Methane Sulphonate treatment records were not maintained correctly.
 - The batch number, unit number and withdrawal period must be recorded.

This was discussed with the site manager who has agreed to record this information going forward. No further action required.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

Signed:

Fish Health Inspector

Date: 15/03/2019

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

FHI 059, Version 12	1	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0119			Date of visit: 19/03/2019
Time spent on site:	.5 hours	Main Insp	pector:
Site No: FS0274 Business No: FB0137	Site Name: Business Name:	Millburn Millburn Salmon Hatchery	
Case Types: 1 ECI	2 CNI 3 VMD	4 5	6
Water Temp (°C): 5.9	Thermometer No:	T147	FHI 045 completed
Observations:	Region: OR	Water type: F	CoGP MA
Dead/weak/abnormally behaving Clinical signs of disease observe Gross pathology observed? Diagnostic samples taken?	•	N If yes, see additional	information/clinical score sheet. information/clinical score sheet. information/clinical score sheet.
UNI/REG only - if unable to carry	out intended visit detail	reason below:	

Additional Case Information:

No live movements on or off site since last inspection. Fish vaccinated February (PD7) Fish sampled for VMD appeared healthy

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	e: 08/10/2018				
Case No:	2019-0119		Site No:	FS0274								
<u> </u>												
1. Business/site det	ails summary		ite representa	ative?			Y N					
Site Details	ase No: 2019-0119 Site No: FS0274 ate of Visit: 19/03/2019 Inspector(s): 19/03/2019 Inspector(s		•									
Case No: 2019-0119 Site No: FS0274 Date of Visit: 19/03/2019 Inspector(s): 19/03/2019 Inspector			15									
Species	SAL						<u> </u>					
	e No: 2019-0119 Site No: FS0274 e of Visit: 19/03/2019 Inspector(s): 19/03/2019 istration/Authorisation Details usiness/site details summary checked by site representative? hanges made to details? Details it No facilities cless SAL group 2019 S1											
	Inspector(s): Inspector(s):											
	ite)	April 2019		Next Input Da	ite (Site)	April 2019						
	,	. ф 2010			•	7 April 2010						
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	(since last	visit)?	N				
					,	(,					
Massamant Dagand												
	_							V				
		r inspection?					07/44/0040	Y				
2. Date of last inspection: 07/11/2018												
2. Date of last inspection: 3. Are records complete and correctly entered?												
								Y				
		•		abla?				NI/A				
Date of Visit: 19/03/2019 Registration/Authorisation Details 1. Business/site details summary checked by site representative? 2. Changes made to details? Site Details Total No facilities Species Species SAL Age group 2019 S1 No Fish												
Case No: 2019-0119 Site No: FS0274 Date of Visit: 19/03/2019 Inspector(s): No provided by site representative? Vy provided by site Petalis Total No facilities Total No facilities Species SAL												
•					_			N				
If yes, is there a sys	tem in place f	or maintenan	ce of transpor	rtation records	?							
Mortality Records												
1. Mortality records	available for ir	nspection?						Y				
2. How are mortalities					,							
16 0 1 0 1			e Hoy shoreba	ase for storage	prior to dispos	sal at Keena	n Recycling,					
			10									
· ·		correctly ent		1: 1 (Y				
•	•			ed in last mon	tn							
								N				
Case No: 2019-0119 Site No: FS0274 Date of Visit: 19/03/2019 Inspector(s): 19/03/2019 Inspector												
Case No: 2019-0119 Site No: FS0274 Date of Visit: 19/03/2019 Inspector(s): 19/03/2019 Inspector												
Case No: 2019-0119 Site No: FS0274 Date of Visit: 19/03/2019 Inspector(s): 19/03/2019 Registration/Authorisation Details 1. Business/site details summary checked by site representative? 2. Changes made to details? Site Details Total No facilities Species Species Species SAL Age group 2019 S1 No Fish 150,919 Mean Fish Wt Nor Fish Mean Fish Wt Not Glass problems? Recent (last 4 wks) disease problems? If yes, detail: Movement Records 1. Movement records available for inspection? 2. Date of last inspection: 3. Are records complete and correctly entered? 4. Are movement records available for dead fish and waste? 5. Are records complete and correctly entered? 6. Are health certificates for introductions (outwith GB) available? Transport Records 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? If yes, is there a system in place for maintenance of transportation records? Mortality Records 1. Mortality records available for inspection? 2. How are mortalities disposed of? Mortality records complete and correctly entered? 4. Recent mortality clast 4 wks): 5. Evidence of recent increased/atypical mortalities? 6. Any other peaks in mortality during period checked? If other detail: 6. Any other peaks in mortality during period checked? If yes, detail:												
Case No: 2019-0119 Site No: FS0274 Date of Visit: 19/03/2019 Inspector(s): 19/03/2019 Inspector												
	unexplained) i	nortailles de	en reported to	VELOI TITI!				IV/A				
•	ents' been re	norted to EHI	2 If no add M	IRT case and a	enter on morta	lity events s	heet	N/A				
o. Have mortality ev	Cilia Decirie	ported to 1 111	. II IIO, aud IV	ir tri case and e	inci on morta	my events s	nicet.	14//				

Results of Surveillance

If no. detail:

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

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

2. If yes, are results available for inspection?

health status, certification if required)?

aquaculture animals held on site?

3. Any significant results?

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

Records checked between:

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

07/11/2018 - 19/03/2019

VMD No.

Total Samples

Inspector:

	Pool/Fish No							
	Fish nos	1-3						
	Pool Group							
		SAL						
	Average weight	0.0600						
		N/A						
	Water Type	FW						
ock Details		Wester Fearn						

Time sampling

Summary samples

Add Fish/Pools - click

Stock Origin Facility No

Environmental conditions:

starts/ends:

10:00:00

HIST

1 Indoors

BA

10:10:00

	Addition	nal Sam	ple Infor	mation:											
		_	_	_	_	_	_	_	_	_	_	_	_	_	
0		Total To	ests ass	igned	0										

FHI 059, Version 12	Issued by: FHI Date of issue: 08						: 08/10/2018	
Case Number:	2019-0119			Site No:	FS0274		Insp:	
Date of Visit					ovements/s		Score	
Live fish movements				0	1-5	6-10	>10	
Movements on (from out	Frequency of movements on from equivalent MS			0	5	10	14	0
with GB) of susceptible species	Frequency of movements on from equivalent zone or			0	9	18	26	
5,000	compartment including third country Number of suppliers			0		10	14	0
Movements off	Frequency of movements off			0		6	10	6
Movements on	Number of destinations			0		6	10	3
Exposure via water	Site contacts			0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	disinfection or l	,		0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion			1	2	4		1
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion			1	3	6		ш
		or in a coastal zone with n or within 1 tidal excursion		1	4	8		ш
Management practices				None	Secure	Unsecure		
Water contacts with processors	Any processing	plant discharging into a	djacent 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		tatus	2				
	Processing fish from zone or compartment of equivalent status			4				
	Processing fish from Category III farm			8				
	Processing fish from Category ∨ farm			10				
Disposal of fish and fish by-	Site's own was	te only processed.		0	1			
products	Common processes with other farms			3				3
	Collection poin	for waste from other far	ms	5				ш
Use of unpasteurised feeds	No feeding of u	npasteurised feed		0	i			0
·	Feeding unpas	•		5				Н
Biosecurity		Nu	mber 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	1			0
between sites, use of footbaths etc	No			1				Н
CoGP/Regulator				'	ı			
Practices in accordance	Yes			n	1			
with regulator or industry code of practice	No			3				3
Platform access to cages	Yes			0	1			0
	No			2				
						Total Rank		16 MEDIUM

Case No:	2019-0119		Site No:	FS0274					
Sea Lice Inspection (• •	h							
•	nced sea lice problems in t	•							
		alent) fallowed synchronously							
azamethiphos and emacan these be deployed	amectin benzoate) as well in a reasonable period of	ed in-feed and bath sea lice me as access to suitable biologica time? ent agreement or statement rele	al and/or med	chanical control measu	res, and				
Management Area (or equivalent)?									
i. 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. salm records are inspected?		the suggested criteria for treatr	ment in the C	oGP during the period	that				
B. Have average adult female sea lice (<i>L. salmonis</i>) numbers per fish been at a level of 3 or above during the period that records are inspected?									
If yes, have these been	f yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.								
9. Is C. elongatus infe	9. Is C. elongatus infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)								
		ed or other actions taken when gatus is considered to have we							
11. Has any other action	on been taken (where appli	cable)?							
12. Have therapeutic tr	reatments or the actions ta	ken had a significant impact up	on the lice le	evels recorded?					
13. Are treatments, wh	ere conducted, carried out	in cooperation between partici	pating farms	?					
sea lice?		ere fewer populations or part po							
	ific written lice manageme scalation of a sea lice infes	nt procedure with waypoints de tation?	escribing set a	actions to deal with rec	ognised				
16. Do the sea lice leve	els observed on stocks refl	ect sea lice count data? If no p	lease detail r	reasons.					
Containment Inspect	ion								
•		ue to predators in the current of	or previous pr	roduction cycles?	N				
2. Are measures in pla	ce to mitigate against the p	oredation experienced on site?	(Detail below	v)	Υ				
High sided tanks									
If other, detail below:									
2. Have essent incide	ente or ovente boon evneris	anced on or in the vicinity of the	s site since th	o last EUI inspection?	N				
		enced on or in the vicinity of the	s site since th	le last FHI IIIspection?	"				
	estions 4 – 9. If No skip to ported to Scottish Ministers								
5. Have these been rep	ported to local DSFB forthy	vith (where they exist)? (CoGP	- 4.4.37, 5.4	4.17)					
		cal fisheries trusts forthwith (wh			4.17)				
7. Were methods (if an	y) used to recover escape	es? If yes give detail							
8. If all nets were deal	oved was this action agree	d with local wild fish interests a	and was perm	nission given by Scottis	sh				
Ministers? (Legal, CoG			and point	green by costate					
9. What action was tak	en to prevent and minimis	e the risk of further escapes? (I	Not covered i	in code but could					
be considered unde	r satisfactory measures	of the Act)							
10. Is the site inspecte	d as satisfactory with rega	ds to containment? If no, pleas	se detail reas	son(s)	Υ				

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

Site No: FS0274

Case No: 2019-0119

Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology

Case No:	2019-0119	Date of visit: 19/03/2019						
Site No:	FS0274	Inspector:						
Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Penort Summan								
Report Summary Case Type	Dete	lnen	ond .					
Case Type	Date	Insp	2 nd Insp					
ECI,CNI, VMD	22/03/2019							
			<u> </u>					
	ļ							





Millburn Salmon Hatchery Bayview Hoy Stromness Orkney KW16 3NJ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0137
SITE NO FS0274
INSPECTOR

DATE OF VISIT 19/03/2019
SITE NAME Millburn
CASE NO 20190119

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

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.

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

R04

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

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

Inspection under the 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 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 Marine Scotland website at www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter

Date: 22/03/2019

FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018						
Case No: 2019-0120			Date of visit: 19/03/2019						
Time spent on site:	hours	Main Insp	ector:						
Site No: FS0031 Business No: FB0095	Site Name: Business Name:	Pegal Bay Cooke Aquaculture Scotlar	nd Ltd						
Case Types: 1 ECI	2 CNI 3 SLI	4 VMD 5	6						
Water Temp (°C): 7.3	Thermometer No:	T147	FHI 045 completed						
Observations:	Region: OR	Water type: S	CoGP MA O-3						
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. N If yes, see additional information/clinical score sheet. N N N									
UNI/REG only - if unable to carry	UNI/REG only - if unable to carry out intended visit detail reason below:								

Additional Case Information:

Fish sampled for VMD appeared healthy Mortality and movement records checked on 20/03/19 at Kirkwall office.

FHI 059, Version 12			Issu	ed by: FHI			Date of issu	ue: 08/10/2018
Case No:	2019-0120]	Site No:	FS0031				
Date of Visit:		19/03/2019			Inspector(s)]
Registration/Authornamental 1. Business/site deta 2. Changes made to	ails summary		ite representa	ative?			Y N	7
Site Details								
Total No facilities		8	Facilities sto	cked	8	No facilitie	es inspected	8
Species	SAL							
Age group	S0 2018							
No Fish	208,578							
Mean Fish Wt	555g							
Next Fallow Date (S	ite)	October 2019	9	Next Input Da	ate (Site)	October 2	020	
					1			
Recent (last 4 wks)	disease probl	ems?		N	Any escapes	s (since last	visit)?	N
If yes, detail:								
Movement Records	S							
1. Movement record	s available fo	r inspection?						Y
2. Date of last inspe							31/05/2017	
3. Are records comp		ectly entered?						Y
4. Are movement re	cords availabl	e for dead fis	h and waste?					Y
5. Are records comp	olete and corre	ectly entered?						Y
6. Are health certific	ates for introd	luctions (outw	ith GB) availa	able?				N/A
Transport Records								
Are any movement		t by (or on bel	half) of the bu	usiness (not us	ing a STB)?			N
If yes, is there a sys				•	_			
Mortality Records								
Mortality records :	available for in	nspection?						Y
2. How are mortalities		•			Other (detail)		
		ycling, Aberde	eenshire		Ctrior (dotain)		
3. Mortality records								Y
4. Recent mortality (•		4118 (0.7%)	across site				
5. Evidence of recer	•							N
If yes, facility nos/no		• •		/reason:				
, ,								
6. Any other peaks i	n mortality du	ring period ch	ecked?					Y
If yes, detail:		•		356 - post fresh	nwater treatm	ent		
7. Have increased (u								Y
If yes, detail action:		Reported to I	FHI					
8. Have 'mortality ev	ents' been re	ported to FHI'	? If no, add M	IRT case and e	enter on morta	ality events s	sheet.	Y

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.	
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 disease	Y
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	Y
health status, certification if required)?	
6. Have the highenday and hissosymity management insulancented between each anidomiclomical unit to minimize	
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	Y
aquaculture animals held on site?	
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: 31/05/2017 - 19/03/2019	

	ni 059, version 12							155	ueu by. F	П			
	Case no:	2019-01	120	Site No:		FS0031			Date of v Sampling		19/0	3/2019	
	Priority samples:	VI		ВА		PA		MG		,. HI			
	Time sampling starts/ends:	14:3	0:00	14:4	5:00		Inspecto	or:			VMD No). [11
	Environmental conditions:	1	Indoors	2		3		4		5			
ı	Summary samples	HIST		ВА		MG		VI	F	PA		Total Sa	mples
Δ	dd Fish/Pools - click												
	Pool/Fish No												
	Fish nos	1-2	3-4	5-6									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	0.5000	0.5000	0.5000									
	Sex	N/A	N/A	N/A									
	Water Type	SW	SW	SW									
tock Details		ഗ Ardtaraig Hatchery	ക Ardtaraig Hatchery	ا Ardtaraig Hatchery									
V.	T dollity 140	J	U	I									

Additional Sample Information:													
0	l	Total To	ests ass	igned	0	l							

FHI 059, Version 12		Issued by: FHI			Date o	of issue	: 08/10/2018
Case Number:	2019-0120		Site No:	FS0031	I	nsp:	
Date of Visit	19/03/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species	Frequency of movements on from equivalent zone or			۵	18	26	$\overline{}$
Species	Number of sup	ncluding third country	0		10	14	0
Movements off	Frequency of n Number of des		0		6	10 10	3
Exposure via water	indifficer of des	Site contacts			6-10	10	
Water contacts with other	Farm is protect	ted (secure water supply through	Ī	<u> </u>			
farms (holding species	disinfection or l	borehole)	0				
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		4
		or in a coastal zone with category III					H
	farms upstrean	n or within 1 tidal excursion	1	3	6		
		or in a coastal zone with category V	,	,			
	tarms upstream	n or within 1 tidal excursion	1	4	8		$\overline{}$
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
the fales of the directive	Processing own	n fish (re-cycling risk)	1				ш
	Processing fish	n from MS of equivalent status	2	1			-
		from zone or compartment of					ш
	equivalent state	4				-	
		n from Category III farm	8				-
	Processing list	n from Category ∨ farm	10				\blacksquare
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	I 0	Ī			0
	Feeding unpas	·	5				-
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0	1			0
between sites, use of footbaths etc	No		1	1			ш
CoGP/Regulator				•			
Practices in accordance	Yes		0	1			0
with regulator or industry code of practice	No		3				ΙП
				1			
Platform access to cages	Yes		0				0
	No		2				
					Total		18
					Rank		MEDIUM

Case No:	2019-0120	Site No: FS0031	
Sea Lice Inspection (S	•••		
•	•	s in the previous 4 years?	N
2. Is the CoGP Farm Ma	anagement Area (or e	quivalent) fallowed synchronously on a single year class basis?	N
azamethiphos and ema can these be deployed	mectin benzoate) as in a reasonable period		Υ
 Is there a signed doc Management Area (or e 		ement agreement or statement relevant to the site and CoGP Farm	Υ
5. Are sea lice count re	cords available for ins	pection? (Legal SSI, CoGP Annex 6)	Υ
6. Do records adequate	ly reflect the required	standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	Υ
 Are sea lice (L. salme records are inspected?) 		low the suggested criteria for treatment in the CoGP during the period that	Υ
8. Have average adult f records are inspected?	emale sea lice (L. sali	monis) numbers per fish been at a level of 3 or above during the period that	N
If yes, have these been	reported to the Fish H	Health Inspectorate? If no, FHI see comment.	N/A
9. Is <i>C. elongatus</i> infes	tation at a level which	is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	N
		stered or other actions taken when <i>L. salmonis levels</i> have exceeded the <i>elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	N/A
11. Has any other action	n been taken (where a	applicable)?	N/A
•	•	s taken had a significant impact upon the lice levels recorded?	N/A
		out in cooperation between participating farms?	Υ
		where fewer populations or part populations are held without treatment for	Y
15. Is there a site speci scenarios during the es	_	ement procedure with waypoints describing set actions to deal with recognised nfestation?	Υ
16. Do the sea lice leve	ls observed on stocks	reflect sea lice count data? If no please detail reasons.	Υ
Containment Inspection	on		
1. Has the site experien	ced equipment dama	ge due to predators in the current or previous production cycles?	N
2. Are measures in plac	e to mitigate against t	the predation experienced on site? (Detail below)	Υ
tensioned nets, top n	ets, A.D.D.s		
If other, detail below:			
,			
3. Have escape incider	nts or events been exp	perienced on or in the vicinity of the site since the last FHI inspection?	N
If Yes proceed with que	stions 4 – 9. If No skip	to question 10	
4. Have these been rep	orted to Scottish Minis	sters?	
		orthwith (where they exist)? (CoGP - 4.4.37, 5.4.17)	
6. Have these been rep	orted to the SSPO and	d local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if any	y) used to recover esc	apees? If yes give detail	
O If all note were deal-	wod was this satism	ground with local wild fish interests and was normical and by Castilate	
Ministers? (Legal, CoG	P – 4.4.38, 5.4.18)	greed with local wild fish interests and was permission given by Scottish	
		mise the risk of further escapes? (Not covered in code but could	
be considered under	•	·	
10. Is the site inspected	l as satisfactory with re	egards to containment? If no, please detail reason(s)	Υ

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12			Issued b	y: FHI		Date of iss	sue: 08/10/2018
Case No: 20	19-0120	Site No:	FS0031				
Date of Visit:	19/03/2019	l	Inspector:				
Point of Compliand	e						
1. Is the farm under	inspection located v	within a farı	m managemer	nt area?		<u> </u>	<i>(</i>
If N, no further ques	tions require comple	etion.				_	
Points of Complian	nce for Both Farm	Managem	ent Agreemer	nts and Statemer	nts		
 2. Has a current farm 3. Is the current FMA 4. Does the FMAg/S 5. Does the FMAg/S 6. Does the FMAg/S 7. Does the FMAg/S 	Ag/S available for in 6 identify the relevan 6 identify the fish far 6 identify the date of	spection? It farm mar m site(s) to commence	nagement area which it applic	n? es?			(((((
Arrangements for	Fish Health Manag	ement					
8. Does the FMAg/S farm?	identify the minimu	m health s	tandards for th	ne stocks to be int	roduced to the are	a or	/
9. Does the FMAg/S 10. Does the FMAg/ 11. Does the FMAg/ individual farm?	S identify the specie	es of fish w	hich may be s	tocked into the ar	ea or farm?	he N	/ /
12. Does the FMAg/fish farm in the area			r the storage a	and disposal of an	y dead fish from ar	ny N	1
Arrangements for	Γhe Management α	of Sea Lice	•				
13. Does the FMAg/	S identify arrangem	ents for the	e sharing of da	ita on sea lice nur	mbers and treatme	nts?	7
14. Does the FMAg/ of statement?	S identify the availa	bility and th	ne use of medi	cines on farms co	overed by the agree	ement	<i>(</i>
15. Does the FMAg/			r the sensitivity	testing of availab	ole treatments for s		Y
16. Does the FMAg/ used on farms in the	S identify the circun	nstances u	nder which bio	ological controls a	nd cleaner fish are	to be	Y
17. Does the FMAg/			r synchronous	treatments on fa	rms within the area	i? <u> </u>	Y
Live Fish Movemen	nts						
18. Does the FMAg/ area or farm? 19. Does the FMAg/ or individual farms?						_	(

FHI 059, Version 12	issued by: FHI	Date of Issue: 08/10/20
Harvesting		
20. Does the FMAg/S identify acceptable	le harvest practices on farms in the area or	individual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be restoo	by which the area or individual farm will be cked?	fallow and the earliest
22. Does the FMAg/S identify whether o agreement or statement?	one or more year classes may be stocked o	onto sites covered by the
23. Does the FMAg/S identify whether b covered by the agreement or statement	proodstock or potential broodstock are to be ?	e kept on any site
Point of Compliance for Farm Manage	ement Agreements Only	
24. Does the farm management agreem parties to the agreement?	nent include arrangements for persons to b	pecome, or cease to be,
Management and operation		
25. Is the fish farm being managed and	operated in accordance with the agreemen	nt or statement?
26. What is the version no/date of issue	of the FMAg/S? Jan-19	

Site No: FS0031

Case No: 2019-0120

Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology

Case No:	2019-0120			Date of visit:	19/03/2019			
Site No:	FS0031	ı		Inspector:		l		
Results Summary	Freq.			Da	te of Notificat			
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp
Report Summary								
Report Summary Case Type	Date	Insp	2 nd Insp					
ECI,CNI,SLI,VMD	22/03/2019	шэр	2 insp					
LOI,OIVI,OLI,VIVID	22/03/2010							





Cooke Aquaculture Scotland Ltd c/o Cooke Aquaculture Scotland Ltd Crowness Road, Hatston Kirkwall Orkney KW15 1RG

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 BUSINESS NO
 FB0095
 DATE OF VISIT
 19/03/2019

 SITE NO
 FS0031
 SITE NAME
 Pegal Bay

 INSPECTOR
 Case No
 20190120

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

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 Scotland were available for inspection.

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

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

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

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

Signed: Date: 22/03/2019

Fish Health Inspector

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

FHI 059, Version 12		Issued by: FHI		Date of is	ssue: 08/10/2018			
Case No: 2019-0121				Date of visit: 1	9/03/2019			
Time spent on site:	hours	_	Main Inspector	: =				
Site No: FS0054 Business No: FB0095	Site Name: Business Name:	Lyrawa Bay Cooke Aquacult	ure Scotland Ltd	d				
Case Types: 1 ECI 2	2 CNI 3 SLI	4 VMD	5 DIA	6				
Water Temp (°C): 7.3	Thermometer No:	T147	_	FHI 045 complet	red			
Observations:	Region: OR	Water type:	: S	CoGP MA	O-3			
Dead/weak/abnormally behaving fish present? Clinical signs of disease observed? Gross pathology observed? Diagnostic samples taken? Y If yes, see additional information/clinical score sheet. Y If yes, see additional information/clinical score sheet. Y If yes, see additional information/clinical score sheet. Y Diagnostic samples taken?								
UNI/REG only - if unable to carry out intended visit detail reason below:								

Additional Case Information:

Lesions observed on fish during December - January, attributed to winter sores, predominantly affecting undersized fish/failed smolts. Lesions no longer observed on fish, but grumbling mortality attributed to PD/HSMI has been ongoing since start of year.

Several moribund fish observed in cages 3 and 4. 5 fish taken for diagnostic sampling, no lesions on fish observed. Fish sampled for VMD appeared healthy

Mortality and movement records checked on 20/03/19 at Kirkwall office.

FHI 059, Version 12		Issue	ed by: FHI			Date of issue	e: 08/10/2018
Case No: 20	19-0121	Site No:	FS0054				
Date of Visit:	19/03/2019			Inspector(s):			1
Registration/Authorisa 1. Business/site details 2. Changes made to de	summary checked by si	te representa	tive?			Y N	
Site Details							
Total No facilities	8	Facilities stoo	cked	8	No facilities	s inspected	8
Species SA							
3-3	18 S0 4,677						
54	9g						
Mean Fish Wt Next Fallow Date (Site)			Next Input Da	te (Site)	October 20)19	
Tront rane w Date (ene)	7 (511) 2010		rox input Du	io (0.10)	00.000.		
Recent (last 4 wks) dise	ease problems?		N	Any escapes	(since last v	/isit)?	N
If yes, detail:							
Movement Records							
Movement records as Detections at the street are street.	·					04/05/0047	Y
 Date of last inspection Are records complete 						31/05/2017	
· ·	ds available for dead fish	and waste?					Y
5. Are records complete		rana wasic:					Y
6. Are health certificates	•	ith GB) availa	ble?				N/A
Transport Records	·	·					
	carried out by (or on beh	nalf) of the bu	siness (not usi	ng a STB)?			N
If yes, is there a system	• •		•	_			
Mortality Records							
1. Mortality records avail	ilable for inspection?						Y
2. How are mortalities d	•			Other (detail)			
	enan Recycling						
•	plete and correctly ente						Y
4. Recent mortality (last	<i>'</i>		across site - at	ttributed to PD	and runts.		
	creased/atypical mortali						N
If yes, facility nos/no mo	ortality per facility/no sto	ck per facility/	reason:				
6. Any other peaks in m	ortality during period ch	ackad?					N
If yes, detail:	ortainy during period th	concu:					11
	xplained) mortalities bee	n reported to	vet or FHI?				N/A
If yes, detail action:							
8. Have 'mortality event	s' been reported to FHI?	' If no, add M	RT case and e	nter on mortal	lity events s	heet.	N/A

		-
FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Recent treatments (last 4 wks)?		Y
If yes, detail: T.M.S	S	
If other, detail:		
2. Medicines records available for inspe		Y
3. Are records complete and correctly e	ntered?	Y
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?	T.M.S.	
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
1. Biosecurity records available for inspe	ection?	Y
2. Has the manner and frequency of mo	ortality removal, recording and safe disposal been co	nsidered? Y
3. Has the manner and period in which t	the APB will notify Scottish Ministers or veterinary pro	ofessional of any
increased (unexplained) mortality at the	e site been included?	Y
4. Has the action that will be taken in the	e event that the presence or suspicion of the presence	ce of a listed disease Y
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	d (equal or higher

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?

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

2. If yes, are results available for inspection?

health status, certification if required)?

aquaculture animals held on site?

3. Any significant results?

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

HSMI and PD detected

Records checked between:

31/05/2017 - 19/03/2019

П	HI 059, Version 12							ISS	ued by:	FHI			
	Case no:	2019-01	121	Site No:		FS0054			Date of Samplin		19/0	03/2019	19/0
	Priority samples:	VI		ВА		PA		MG		HI			
	Time sampling starts/ends: Environmental conditions:		0:00 Indoors		0:00	 3	Inspecto	or: 4		 5	VMD No	·. [11
	Summary samples	HIST	Υ	ВА	Υ	MG	Υ	VI	Υ	PA		Total Sa	mples
A	dd Fish/Pools - click												
L	Pool/Fish No	F1	F2	F3		F5	P1						
	Fish nos	1	2	3		5	1-5	6-7	8-9	10-11			
	Pool Group	P1	P1	P1		P1							
	Species	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL	SAL			
	Average weight	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000			
	Sex	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	Water Type	SW	SW	SW	SW	SW	SW	SW	SW	SW			
Stock Details	Stock Origin Facility No	ω Quoys Hatchery	ص Quoys Hatchery	ص Quoys Hatchery	ص Quoys Hatchery	ധ Quoys Hatchery		ص Quoys Hatchery	A Quoys Hatchery	വ Quoys Hatchery			
U,		•	•	•	•	•		•	•	•			

03/2019 Additional Sample Information:															
6	6 Total Tests assigned 2														

FHI 059, Version 12 Issued by: FHI Date of issue: 08/10/2018 Method of killing: Percussive Case no: FS0054 2019-0121 Site No: Inspector(s): Sheet Relevant: Y Date of visit: 19/03/2019 S for strong presence: M for medium presence: W for weak presence F3 Time sampled after death (if > 45 minutes) External Signs Behaviour Moribund m Lethargic Hanging vertical Spiralling Flashing Loss of equilibrium Body Dark Distended abdomen m m m Scale Oedema Opercula Shortened Flared Haemorrhaging Throat Ventrum Base of fins Elsewhere Eyes Exophthalmic Enophthalmic (sunken) Cataract Haemorrhagic Gills Pale Zoned Necrotic Lesions Flank Elsewhere Vent Inflamed Trailing faeces Lice Load Estimate numbers Internal Signs Clear Ascites m Bloody Oedema In tissues Heart Pale/anaemic Granulomas Deformed Liver Petechial haem Gross haem Tissue breakdown Enlarged Colour number(s) 5 Granulomas Lesions Pyloric caeca Petechial haem m W Tubules mauve Lack of fat m m m Spleen Enlarged w Granulomas Gut No food present Yellow pseudo-faeces S External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Swollen Grey Granular Liquefied

Parasites present

Anaemia

General

Case no: 2019-0121

Date of visit: 19/03/2019

Time sampled after death (if > 45 minutes)	Date of visit.	19/03/20	13					
Time sampled after death (ff. 46 minutes) Echtranal Signa Behaviour Moribund Lethargic Hanging vertical Spiralling Flashing Loss of equilibrium Body Dark Distended abdomen Ancrexic Seale Oedema Opercula Shortened Flared Haemornagin Timost Base of fins Ecsewhere Eyes Ecophthalmic Enophthalmic (sunken) Cond Estimate numbers Lesions Flank Lesions Flank Hemortagic Inflamed Inflamed Inflamed Inflamed Inflamed Inflamed Inflamed Bloody Oedema Bloody Oedema Bloody Oedema Finisueses Deformed Liver Paleshanemic Finisueses Deformed Corona Co	S for strong prese	nce: M for medium presence: W fo	or w					
External Signs Behaviour Moribund Lethargic Hanging vertical Spiralling Flashing Flashing Flashing Loss of equilibrium Los of equilibrium Distended abdomen Distended abdomen Scale Oedena Societ Oede	Fish Number							
Behaviour Moribund	Time sampled aft	ter death (if > 45 minutes)						
Lethargic	External Signs							
Nanging vertical	Behaviour							
Spiraling								
Flashing								
Loss of equilibrium								
Body								
Distended abdomen Anorexic Anorexic Scale Cedema Opercula Flared Haemorrhaging Throat Ventrum Base of fins Elsewhere Exophthalmic (sunken) Catranet Catranet Herrorrhagic Gills Pale Zoned Lesions Flank Herrorrhagic Flank Lesions Flank Remark Lesions Flank Lesions Flank Remark Lesions Flank Remark R								
Anorexic Scale Cedema	Body							
Scale Cedema								
Opercula Shortened								
Flared								
Haemorrhaging Throat	Opercula							
Ventrum					_			
Base of fins	Haemorrhaging							
Elsewhere								
Export E								
Enophthalmic (sunken)	F							
Cataract	Lyes							
Haemorrhagic								
Gills								
Zoned	Cilla							
Necrotic	Gills							
Lesions								
Elsewhere	Lasiana							
Vent	Lesions				_			
Trailing faeces	Vant							
Lice Load	vent			_				
Internal Signs	Lies Lead							
Ascites Clear	Lice Load	Estimate numbers		_				
Ascites Clear	Internal Signs			_	_			
Bloody		Clear						
Oedema In tissues Heart Pale/anaemic Granulomas	Ascites				_			
Heart	Oedema							
Granulomas								
Deformed	ricart							
Liver Petechial haem					_			
Gross haem	Liver							
Tissue breakdown	21701			_				
Enlarged								
Colour number(s)					_			
Granulomas		Colour number(s)						
Lesions								
Pyloric caeca Petechial haem								
Tubules mauve Lack of fat Spleen Enlarged Granulomas Gut No food present Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Grey Granular Liquefied General Parasites present	Pyloric caeca							
Lack of fat Image: Company of the company								
Spleen Enlarged								
Granulomas Image: Control of the control	Spleen							
Gut No food present		Granulomas						
Yellow pseudo-faeces External haem Internal haem Body wall Haemorrhaging Swim bladder Haemorrhaging Fluid filled Kidney Grey Granular Liquefied General Parasites present	Gut							
External haem Internal								
Body wall Haemorrhaging Image: Control of the control								
Swim bladder Haemorrhaging		Internal haem						
Swim bladder Haemorrhaging	Body wall							
Kidney Swollen	Swim bladder	Haemorrhaging						
Grey		Fluid filled						
Grey Image: Control of the	Kidney							
Liquefied Seneral Parasites present Seneral Se								
General Parasites present								
Anaemia Anaemia	General							
		Anaemia						

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/201
Additional comments:		

FHI 059, Version 12		Issued by: FHI	Issued by: FHI				: 08/10/2018
Case Number:	2019-0121		Site No:	FS0054		Insp:	
Date of Visit	19/03/2019		No of m	ovements/s	supp./dest.		Score
Live fish movements			0	1-5	6-10	>10	
Movements on (from out	Frequency of n	novements on from equivalent MS	0	5	10	14	0
with GB) of susceptible species		novements on from equivalent zone or	0	9	18	26	
	Number of sup	ncluding third country	0			14	0
Mayamanta off							10
Movements off	Frequency of n Number of des		0			10 10	10
Exposure via water	rtuiliber er des	Site contacts		_			
Water contacts with other	Farm is protect	ed (secure water supply through					
farms (holding species	disinfection or l	,	0				igwdot
susceptible to same diseases)		or in a coastal zone with category I n or within 1 tidal excursion	1	2	4		4
,	•	or in a coastal zone with category III					
		n or within 1 tidal excursion	1	3	6		oxdot
		or in a coastal zone with category V or within 1 tidal excursion	1	4	8		
	namio apotroan	TOT WILLIAM T LIGHT EXCENSION	<u> </u>		<u> </u>		
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	1			
	Processing fish	from MS of equivalent status	2	1			-
	Processing fish equivalent state	from zone or compartment of us	4				
	Processing fish	from Category III farm	8				
	Processing fish	r from Category ∀ farm	10				
Disposal of fish and fish by-	Site's own was	te only processed.	0	Ī			
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	i			0
	Feeding unpas	teurised feed	5				
Biosecurity		Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating	from single shorebase	0	1	2		1
	Sites sharing s	taff and equipment	0	1	2		1
Disinfection of equipment	Yes		0]			0
between sites, use of footbaths etc	No		1				ш
CoGP/Regulator				•			
Practices in accordance	Yes		0				0
with regulator or industry code of practice	No		3				\vdash
	lv.			1			
Platform access to cages	Yes		0				0
	No		2	J			
					Total		22
					Rank		MEDIUM

Case No:	2019-0121]	Site	No:	FS0054		
Sea Lice Inspection (• •	s in the previous 4 years	s?				N
2. Is the CoGP Farm M	lanagement Area (or e	equivalent) fallowed syn	chronously on a si	ngle yea	ar class basis?		N
	amectin benzoate) as	cenced in-feed and bath well as access to suitab d of time?				ıres, and	Υ
4. Is there a signed doo Management Area (or		gement agreement or sta	atement relevant to	the site	e and CoGP Farm		Υ
5. Are sea lice count re	ecords available for ins	spection? (Legal SSI, Co	GP Annex 6)				Υ
·		I standard specified in th				ĺ	Υ
7. Are sea lice (L. salm records are inspected?	•	elow the suggested criter	ria for treatment in	the Co	GP during the period	that	Υ
8. Have average adult records are inspected?	•	lmonis) numbers per fisl	h been at a level of	f 3 or ab	bove during the perio	d that	N
If yes, have these beer	reported to the Fish	Health Inspectorate? If r	o, FHI see comme	ent.			N/A
9. Is C. elongatus infe	station at a level which	n is considered to cause	significant welfare	probler	ms? (CoGP 4.3.81, 5	5.3.50)	N
•		istered or other actions elongatus is considered					N/A
11. Has any other action	on been taken (where	applicable)?					N/A
12. Have therapeutic tr	eatments or the action	ns taken had a significar	nt impact upon the	lice leve	els recorded?		N/A
13. Are treatments, wh	ere conducted, carried	d out in cooperation bety	veen participating f	farms?			Υ
		, where fewer population			held without treatmer	nt for	Υ
15. Is there a site spec scenarios during the es		ement procedure with w infestation?	aypoints describing	g set ac	tions to deal with red	cognised	Υ
16. Do the sea lice leve	els observed on stock	s reflect sea lice count d	ata? If no please d	letail rea	asons.		Υ
Containment Inspecti	ion						
1. Has the site experien	nced equipment dama	age due to predators in t	he current or previo	ous pro	duction cycles?		N
2. Are measures in pla	ce to mitigate against	the predation experience	ed on site? (Detail	below)			Υ
Top nets, tensioned	nets, A.D.D.s						
If other, detail below:							
							N
•		perienced on or in the vi	cinity of the site sir	nce the	last FHI inspection?		N
If Yes proceed with que 4. Have these been rep							
		orthwith (where they exis					
6. Have these been rep	ported to the SSPO ar	nd local fisheries trusts fo	orthwith (where the	ey exist)	7? (CoGP – 4.4.37, 5.	.4.17)	
7. Were methods (if an	y) used to recover es	capees? If yes give deta	il				
8 If all note were deal	oved was this action o	greed with local wild fich	interests and was	normic	esion given by Seetti	sh	
Ministers? (Legal, CoG	6P – 4.4.38, 5.4.18)	greed with local wild fish				511	
		imise the risk of further	escapes? (Not cov	ered in	code but could		
be considered under	•	· ·	If no plane date	l vees	n(a)		V
To. Is the site inspecte	u as saustactory with I	regards to containment?	ii no, piease detai	ii reasor	II(S)		•

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0121	Site No: FS0054	
Date of Visit: 19/03/2019	Inspector:	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Y
If N, no further questions require comp	etion.	
Points of Compliance for Both Farm	Management Agreements and Statements	
3. Is the current FMAg/S available for in4. Does the FMAg/S identify the relevant5. Does the FMAg/S identify the fish fair	nt farm management area? rm site(s) to which it applies? f commencement of the agreement or statem	Y Y Y
Arrangements for Fish Health Manag	gement	
farm? 9. Does the FMAg/S identify the vaccin	um health standards for the stocks to be introduced ation requirements for stocks held in the area	or farm?
	ies of fish which may be stocked into the area mum stocking density of any pen on any farm	
12. Does the FMAg/S identify the arran fish farm in the area or the individual fa	gements for the storage and disposal of any or arm?	dead fish from any
Arrangements for The Management	of Sea Lice	
13. Does the FMAg/S identify arrangen	nents for the sharing of data on sea lice numb	ers and treatments?
14. Does the FMAg/S identify the available of statement?	ability and the use of medicines on farms cove	ered by the agreement
15. Does the FMAg/S identify any requilice on farms in the area or individual fa	irements for the sensitivity testing of available arms?	
16. Does the FMAg/S identify the circulused on farms in the area or individual	mstances under which biological controls and farms?	
17. Does the FMAg/S identify the arran	gements for synchronous treatments on farm	s within the area?
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or gements for the movement of live fish on and	

FHI 059, Version 12	issued by: FHI	Date of Issue: 08/10/20
Harvesting		
20. Does the FMAg/S identify acceptable	e harvest practices on farms in the area or ind	lividual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be restoo	by which the area or individual farm will be fall	low and the earliest
22. Does the FMAg/S identify whether of agreement or statement?	ne or more year classes may be stocked onto	sites covered by the
23. Does the FMAg/S identify whether be covered by the agreement or statement?	roodstock or potential broodstock are to be ke ?	ept on any site
Point of Compliance for Farm Manage	ement Agreements Only	
24. Does the farm management agreem parties to the agreement?	nent include arrangements for persons to beco	ome, or cease to be,
Management and operation		
25. Is the fish farm being managed and	operated in accordance with the agreement or	r statement?
26. What is the version no/date of issue	of the FMAg/S? Jan-19	

Site No: FS0054

Case No: 2019-0121

Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology

Case No:	2019-0121]		Date of visit:	19/03/2019			
Site No:	FS0054	1		Inspector:		1		
Dogulto Cumamam	Гион			Do	te of Notifica	tion		
Results Summary	Freq.	Database	Insp	Phone	Insp	Writing	Insp	ond 1
MC IUN	0/1	26/03/2019				18/04/2019	-	2 nd Insp
MG_IHN MG_IPN	0/1 0/1			26/03/2019 26/03/2019		18/04/2019		
	0/1	26/03/2019 26/03/2019				18/04/2019		
MG_ISA				26/03/2019				
MG_SAV	1/1	26/03/2019		26/03/2019		18/04/2019		
MG_VHS	0/1	26/03/2019		26/03/2019		18/04/2019		<u> </u>
HIST_ADHE	1/5	28/03/2019		28/03/2019		18/04/2019		
HIST_AMGD	2/5	28/03/2019		28/03/2019		18/04/2019		-
HIST_GPAT	3/5	28/03/2019		28/03/2019		18/04/2019		
HIST SALH	5/5	28/03/2019		28/03/2019		18/04/2019		╄
HIST_IPAT	5/5	28/03/2019		28/03/2019		18/04/2019		
		i e			†			
	_				-			1
Report Summary	_			1				
Case Type	Date	Insp	2 nd Insp	1				
ECI,CNI,SLI,VMD	22/03/2019		2 insp					
DIA	18/04/2019							
JIA	10/04/2019							
								
								

Page 1 of 1





Cooke Aquaculture Scotland Ltd c/o Cooke Aquaculture Scotland Ltd Crowness Road, Hatston Kirkwall Orkney KW15 1RG

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

 Business No
 FB0095
 Date of Visit
 19/03/2019

 Site No
 FS0054
 Site Name
 Lyrawa Bay

 Inspector
 Case No
 20190121

Section 1: Summary

During a routine inspection of the above site, a number of lethargic fish were observed in two cages. Five lethargic fish were removed for further examination and subsequent diagnostic sampling.

Histopathology examination revealed tissue alterations consistent with acute pancreas disease (PD). QPCR testing confirmed salmonid alphavirus (SAV), the causative agent of PD. Mild multifocal proliferative gill pathology and presence of occasional amoebic cells suggestive of mild amoebic gill disease was observed. Enteritis was also noted.

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

Section 2: Case Detail

Observations

During a routine inspection of the above site, a number of lethargic fish were observed in two cages. Five lethargic fish were removed for further examination and subsequent diagnostic sampling.

Recent mortality numbers had been relatively low across the site, 1.1% over the previous four weeks, with mortalities attributed to a combination of pancreas disease and failed smolts.

External examination of the fish showed a distended abdomen in fish 2, fish 4 and 5 appeared anorexic. No lice were observed on any of the fish sampled.

Internal examination of the fish revealed the presence of clear ascites in fish 2 and 3. Petechial haemorrhaging of the pyloric caeca (PC) of fish 2-4 was observed, there was also a lack of fat noted on the PC of fish 1, 3, 4 and 5. Yellow pseudo faeces was also present in the gut of fish 4 and 5.

Samples

Samples were collected from 5 fish according to the table below:

Fish number	Pool number	Facility number	Species	Stage	Origin
1-5	1	3	Atlantic salmon	~500g 2018 S0	Quoys Hatchery

Results

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

No significant bacteria were isolated.

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

Salmonid alphavirus (SAV)

Pool Number	Endogenous control Cp value		Cp Values					
P1	15.68	17.06	17.23	16.92	POSITIVE			

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

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

Histopathological examination revealed the following:

<u>Gill</u>: Mild focal to multifocal interlamellar hyperplasia with occasional spaces (lacunae), some filled with cell debris (F1 & F4). Mild lamellar fusion, epithelial spongiosis and lamellar congestion also noted on the hyperplastic plaques (F1 & F4). Sporadic amoebic cells resembling *Neoparamoeba perurans* were noted in F1 & F4. A copepod-like structure among two gill filaments was noted in F2. Free blood among gill filament and lamellar congestion noted in F5 (likely associated with killing method).

<u>Skin & Muscle</u>: Scattered skeletal white fibre degeneration and rare round shaped skeletal red fibres noted in F4.

Heart: Within normal range

<u>Gut and pyloric caeca</u>: Mild multifocal haemorrhage noted in abdominal adipose tissue of F2 and F4. Marked cell sloughing and marked presence of rod-shaped bacteria that stained Gram negative. These bacteria were associated with eosinophilic amorphous material (likely cell debris) seen within the intestinal lumen and also associated with the epithelial cells of the folds (F1-F5). Adipose tissue showed mild fibrous adhesions likely associated with vaccine administration (F4).

<u>Pancreas</u>: Marked diffuse necrosis of pancreatic acinar cells with little inflammatory response noted in all five fish. F4 showed rare presence of acinar cells.

<u>Liver</u>: Some sinusoidal congestion and mild hepatocyte vacuolation noted in F1 and small foci of haemorrhagic hepatic necrosis noted in F5.

Kidney: Within normal range.

Spleen: Slightly congested (F3).

Signed:

Fish Health Inspector

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

Date: 18/04/2019





Cooke Aquaculture Scotland Ltd c/o Cooke Aquaculture Scotland Ltd Crowness Road, Hatston Kirkwall Orkney KW15 1RG

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0095
SITE NO FS0054
INSPECTOR

DATE OF VISIT 19/03/2019
SITE NAME Lyrawa Bay
CASE NO 20190121

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

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.

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

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

R25

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 Marine Scotland website at www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter

Date: 22/03/2019



F1 – F3



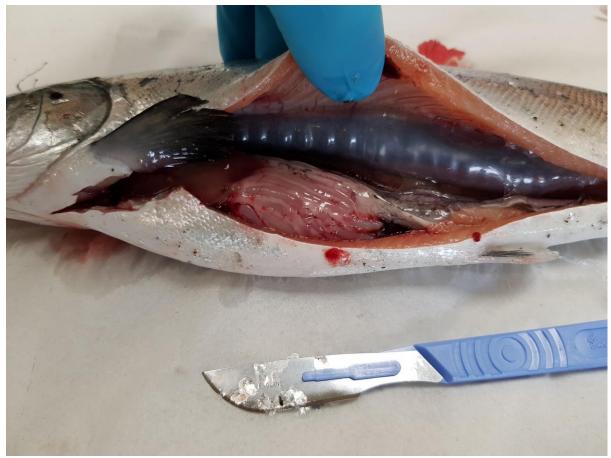
F4 – F5



F1







F4



FHI 059, Version 12		Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0122			Date of visit: 20/03/2019
Time spent on site: 4.	5 hours	Main In:	spector:
Site No: FS1024 Business No: FB0125	Site Name: Business Name:	Toyness Scottish Sea Farms Ltd	
Case Types: 1 ECI 2	CNI 3 SLI	4 VMD 5	6
Water Temp (°C): 7.2	Thermometer No:	T147	FHI 045 completed
Observations:	Region: OR	Water type: S	CoGP MA O-3
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 deta	il reason below:	

Additional Case Information:

Waste transport records held for waste transported to Twatt Incinerator
Slice treatment finished 18/03/19 - administered due to increase in caligus. Slice treatments not being used at other sites in CoGP MA

Cage 9 top net damaged in January as a result of storm conditions, birds got into cage and damage caused to fish. Winter ulcers observed from w/b 28/01/19 onwards, mortality resulting from winter ulcers increased from week 8 onwards - week 8 1600, week 9 2500, week 10 1192, dropped since week 11 - 499 (~60% of those mortalities from cage 9). Cage equipment (hamster wheels etc.) removed and cleaned to remove barnacles and other foulants which may have led to skin damage. Several morts observed across site, no moribund fish or clinical signs of disease observed. Fish sampled for VMD appeared healthy

FHI 059, Version 12		Issu	ed by: FHI			Date of issue	e: 08/10/2018	
Case No: 20	019-0122	Site No:	FS1024					
Date of Visit:	20)/03/2019		Inspector(s):]	
Registration/Authoris 1. Business/site details 2. Changes made to details	summary chec	cked by site represent	ative?			Y N		
Site Details								
Total No facilities	10	Facilities sto	cked	10	No facilities	sinspected	10	
	AL CO							
3-3	018 S0 37,733							
_	30g							
Next Fallow Date (Site)		2020	Next Input Da	te (Site)	Dec 2020			
				1				
Recent (last 4 wks) dis-	ease problems	?	N	Any escapes	(since last \	/isit)?	N	
Movement Records								
Movement records a	vailable for insi	nection?					Y	
2. Date of last inspection		peodorr.				11/10/2016		
3. Are records complet		entered?					Y	
4. Are movement recor			?				Y	
5. Are records complet	•		-1-0				Y	
6. Are health certificate	es for introduction	ons (outwith GB) avail	able?				N/A	
Transport Records								
1. Are any movements	•	•	•	_			N	
If yes, is there a system	ii iii piace ioi iii	amteriance of transpo	rtation records					
Mortality Records 1. Mortality records ava	ailahle for insne	ection?					Y	
2. How are mortalities	•	ouon:		Other (detail)			'	
		ottish Sea Farms Inci	nerator - Twatt,		<u>'</u>			
3. Mortality records cor				·			Y	
4. Recent mortality (las	st 4 wks):	12,049 (1.89	%) attributed to	failed smolts	and winter u	lcers		
5. Evidence of recent in							N	
If yes, facility nos/no m	ortality per facil	lity/no stock per facility	/reason:					
6. Any other peaks in n	nortality during	neriod checked?					N	
If yes, detail:	nortality during	period offended:					1	
7. Have increased (une	explained) mort	alities been reported t	o vet or FHI?				N/A	
If yes, detail action:							N/A	
8. Have 'mortality events' been reported to FHI? If no, add MRT case and enter on mortality events sheet.								

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Recent treatments (last 4 wks)?		T Y
If yes, detail: T.M.S	. Slice	
If other, detail:		
2. Medicines records available for inspect	tion?	Y
3. Are records complete and correctly ent	tered?	Y
4. Are fish in a withdrawal period?		Y
5. If yes, what treatment(s)?	T.M.S.	
If other, detail:		
6. Are medicines stored appropriately?		Y
Biosecurity Records		
1. Biosecurity records available for inspec	ction?	Y
2. Has the manner and frequency of mort	tality removal, recording and safe disposal beer	n considered?
3. Has the manner and period in which th	e APB will notify Scottish Ministers or veterinary	y professional of any
increased (unexplained) mortality at the	site been included?	Y
	event that the presence or suspicion of the pre-	sence of a listed disease
	when that will be notified to Scottish Ministers?	
•	nimals being stocked on the farm site been cov	ered (equal or higher
health status, certification if required)?		
6. Have the husbandry and biosecurity m	easures implemented between each epidemiol	ogical unit to minimise
•	novement of staff, visitors, equipment, live or de	
•	he measures in place to maintain the physical o	
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 hea	en carried out by, or on behalf of, the business?	Y
2. If yes, are results available for inspection	• •	Y

No significant findings from bacteriology samples taken from skin lesions during December 2018.

3. Any significant results?

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

Records checked between:

11/10/2016 - 20/03/2019

	11 059, Version 12							155	ueu by. Fi	11			
	Case no:	2019-01	122	Site No:		FS1024			Date of vi		20/	03/2019	
	Priority samples:	VI		ВА		PA		MG		н		1	
	Time sampling starts/ends:		5:00		0:00		Inspecto	or:			VMD No	o.	11
	Environmental conditions:	1	Indoors	2		3		4		5			
	Summary samples	HIST		ВА		MG		VI	P	Α		Total Sa	amples
A	dd Fish/Pools - click												
П	Pool/Fish No												
	Fish nos	1-3	4-6	7-9									
	Pool Group												
	Species	SAL	SAL	SAL									
	Average weight	0.5000	0.5000	0.5000									
	Sex	N/A	N/A	N/A									
	Water Type	SW	SW	SW									
tock Details		Loch Frisa	Loch Frisa										
S	I acility NO	5	6	9									

	Addition	nal Sam	ple Infor	mation:						
0		Total Te	ests ass	igned	0					

FHI 059, Version 12	Issued by: FHI Date of issue:						: 08/10/2018	
Case Number:	2019-0122			Site No:	FS1024		Insp:	
Date of Visit	20/03/2019		No of mo	ovements/s	upp./dest.		Score	
Live fish movements				0	1-5	6-10	>10	
Movements on (from out	Frequency of m	novements on from equivalent M	S	0	5	10	14	0
with GB) of susceptible species	Frequency of movements on from equivalent zone or				9	18	26	П
	Number of sup	ncluding third country		0	5	10	14	0
Movements off	Frequency of m	novements off		0	3	6	10	10
Wovernerits on	Number of des			0	3	6	10	3
Exposure via water		Site co	ntacts	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 catego n or within 1 tidal excursion		1	2	4		2
	farms upstream	or in a coastal zone with catego n or within 1 tidal excursion		1	3	6		ш
		or in a coastal zone with catego n or within 1 tidal excursion	ry V	1	4	8		ш
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 fish (re-cycling risk)							
	Processing fish		2					
	equivalent statu			4				
		from Category III farm		8				
	Processing fish	from Category ∀ farm		10				\Box
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	npasteurised feed		0				0
	Feeding unpas	teurised feed		5				ш
Biosecurity		Number o	f 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				Н
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				ш
						Total Rank		22 MEDIUM

Case No:	2019-0122		Site No:	FS1024				
Sea Lice Inspection (S	••							
•	•	in the previous 4 years?			N			
2. Is the CoGP Farm M	anagement Area (or e	quivalent) fallowed synchronous	ly on a single y	ear class basis?	N			
Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and 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 doo Management Area (or e		ement agreement or statement re	elevant to the si	ite and CoGP Farm	Y			
5. Are sea lice count re	cords available for ins	pection? (Legal SSI, CoGP Anne	x 6)		Y			
6. Do records adequate	ely reflect the required	standard specified in the SSI and	the CoGP? (L	egal SSI, CoGP Anne	x 6) Y			
 Are sea lice (L. salme records are inspected?) 	•	ow the suggested criteria for trea	tment in the Co	oGP during the period	that Y			
8. Have average adult f records are inspected?	· ·	monis) numbers per fish been at	a level of 3 or a	above during the perio	d that N			
If yes, have these been	reported to the Fish H	lealth Inspectorate? If no, FHI se	e comment.		N/A			
9. Is C. elongatus infes	tation at a level which	is considered to cause significan	nt welfare proble	ems? (CoGP 4.3.81, 5	i.3.50) N			
•		stered or other actions taken who longatus is considered to have v						
11. Has any other actio	n been taken (where a	applicable)?			N/A			
•	•	s taken had a significant impact (upon the lice lev	vels recorded?	N/A			
•		out in cooperation between parti	-		N			
		where fewer populations or part						
15. Is there a site speci scenarios during the es	_	ment procedure with waypoints on festation?	describing set a	ections to deal with rec	ognised Y			
16. Do the sea lice leve	els observed on stocks	reflect sea lice count data? If no	please detail re	easons.	Υ			
Containment Inspection	on							
1. Has the site experien	nced equipment dama	ge due to predators in the current	t or previous pro	oduction cycles?	N			
2. Are measures in place	ce to mitigate against t	he predation experienced on site	? (Detail below	·)	Υ			
Top nets tensioned n	ets							
If other, detail below:								
3. Have escape incider	nts or events been exp	erienced on or in the vicinity of the	he site since the	e last FHI inspection?	N			
If Yes proceed with que	estions 4 – 9. If No skip	to question 10						
4. Have these been rep	orted to Scottish Minis	sters?						
		rthwith (where they exist)? (CoG		•				
6. Have these been rep	orted to the SSPO and	d local fisheries trusts forthwith (v	where they exist	t)? (CoGP – 4.4.37, 5.	4.17)			
7. Were methods (if any	y) used to recover esc	apees? If yes give detail						
9 If gill note were deale	wod was this action	grood with local wild fish interests	and was name	ission divon by Costi	ch.			
Ministers? (Legal, CoG	P – 4.4.38, 5.4.18)	greed with local wild fish interests			NI			
		mise the risk of further escapes?	(Not covered in	n code but could				
be considered under	•	· · · · · · · · · · · · · · · · · · ·						
10. Is the site inspected	d as satisfactory with re	egards to containment? If no, ple	ase detail reaso	on(s)	Υ			

Issued by: FHI

FHI 059, Version 12

Date of issue: 08/10/2018

FHI 059, Version 12	Issued by: FHI	Date of issue: 08/10/2018
Case No: 2019-0122	Site No: FS1024	
Date of Visit: 20/03/2019	Inspector:	
Point of Compliance		
1. Is the farm under inspection located	within a farm management area?	Y
If N, no further questions require comp	letion.	
Points of Compliance for Both Farm	Management Agreements and Statements	
3. Is the current FMAg/S available for in4. Does the FMAg/S identify the relevant5. Does the FMAg/S identify the fish fair	nt farm management area? rm site(s) to which it applies? f commencement of the agreement or statemer f review?	Y Y Y
8. Does the FMAg/S identify the minimifarm?	um health standards for the stocks to be introdu	
10. Does the FMAg/S identify the speci	ation requirements for stocks held in the area o ies of fish which may be stocked into the area o mum stocking density of any pen on any farm ir	r farm?
12. Does the FMAg/S identify the arran fish farm in the area or the individual fa	gements for the storage and disposal of any de arm?	ead fish from any
Arrangements for The Management	of Sea Lice	
13. Does the FMAg/S identify arrangen	nents for the sharing of data on sea lice number	rs and treatments?
14. Does the FMAg/S identify the available of statement?	ability and the use of medicines on farms covere	
15. Does the FMAg/S identify any requilice on farms in the area or individual fa	irements for the sensitivity testing of available trarms?	
16. Does the FMAg/S identify the circulused on farms in the area or individual	mstances under which biological controls and cl farms?	
17. Does the FMAg/S identify the arran	gements for synchronous treatments on farms	within the area?
Live Fish Movements		
area or farm?	mstances when live fish may be introduced or regements for the movement of live fish on and o	

FHI 059, Version 12	issued by: FHI	Date of Issue: 08/10/20
Harvesting		
20. Does the FMAg/S identify acceptable	le harvest practices on farms in the area or	individual farms?
Fallowing		
21. Does the FMAg/S identify the dates date when a farm or area may be restoo	by which the area or individual farm will be cked?	fallow and the earliest
22. Does the FMAg/S identify whether o agreement or statement?	one or more year classes may be stocked o	onto sites covered by the
23. Does the FMAg/S identify whether b covered by the agreement or statement	proodstock or potential broodstock are to be ?	e kept on any site
Point of Compliance for Farm Manage	ement Agreements Only	
24. Does the farm management agreem parties to the agreement?	nent include arrangements for persons to b	ecome, or cease to be,
Management and operation		
25. Is the fish farm being managed and	operated in accordance with the agreemen	nt or statement?
26. What is the version no/date of issue	of the FMAg/S? Jan-19	

Site No: FS1024

Case No: 2019-0122

Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology

Case No:	2019-0122			Date of visit:	20/03/2019				
Site No:	FS1024	Inspector:							
Results Summary	Freq.								
,	·	Database	Insp	Phone	te of Notification	Writing	Insp	2 nd Insp	
	-								
	1				-				
	i e								
D10									
Report Summary									
Case Type ECI,CNI,SLI,VMD	Date	Insp	2 nd Insp						
ECI,CNI,SLI,VMD	22/03/2019								
	-								
	1								
	 	-							





Scottish Sea Farms Ltd Laurel House Laurelhill Business Park Polmaise Road Stirling FK7 9JQ

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO FB0125 SITE NO FS1024 INSPECTOR DATE OF VISIT 20/03/2019
SITE NAME Toyness
CASE NO 20190122

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

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.

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

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

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

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

Medicine records were inspected and found to be adequately maintained.

Samples were taken to be analysed for veterinary residues.

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice), 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 Marine Scotland website at www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter

Date: 22/03/2019