

Case No: 2020-0035 Date of visit: 04/08/2020

Time spent on site: 0 hrs Main Inspector:

Site No: FS1341 Site Name: An Camus
Business No: FB0119 Business Name: Mowi Scotland Ltd

Case Types: 1 PSI 2 3 4 5 6

Water Temp (°C): Thermometer No: FHI 045 completed

Observations: Region: WI Water type: S CoGP MA: W-20

Dead/weak/abnormally behaving fish present? If yes, see additional information/clinical score sheet.
Clinical signs of disease observed? If yes, see additional information/clinical score sheet.
Gross pathology observed? If yes, see additional information/clinical score sheet.
Diagnostic samples taken?

UNI/REG only - if unable to carry out intended visit detail reason below:

[Empty text box for visit detail reason]

Additional Case Information:

PSI carried out following notification from business of increased mortality attributed to gill damage resulting from an algal bloom. CMS and AGD also present in stock.

Aeration system in place to mitigate against algal bloom. Feeding has been reduced.

Wrasse wild caught from Hebrides, Lumpfish from Ocean Matters, Anglesey

Site first stocked in April 2020 from neighbouring site Stulaigh (FS1259)

Remaining 3 cages to be stocked from Marulaig Bay (FS0865) in next few weeks.

Freshwater treatment carried out when fish first stocked and four weeks subsequently, to treat AGD.

Case No: Site No:
 Date of case: Inspector(s):

Registration/Authorisation Details

Business/site contacts correct? (if no update site summary sheet)

Site Details

Total No facilities	<input type="text" value="7"/>	No facilities stocked	<input type="text" value="4"/>
Species	<input type="text" value="SAL"/>	<input type="text" value="LUM"/>	<input type="text" value="WRA"/>
Age group	<input type="text" value="2019 Q4"/>	<input type="text" value="2020"/>	<input type="text" value="2020"/>
No Fish	<input type="text" value="334,718"/>	<input type="text" value="10,175"/>	<input type="text" value="6783"/>
Mean Fish Wt	<input type="text" value="2.7 kg"/>	<input type="text" value="50g"/>	<input type="text" value="20cm"/>
Next Fallow Date (Site)	<input type="text" value="April 2021"/>	Next Input Date (Site)	<input type="text" value="April 2022"/>

Date of last inspection: (ECI or PSI)

Mortality Information

1. Any recent increased or atypical mortalities? (last 4 weeks.)
 If yes, detail:
 2. Any increased mortalities? (since last inspection.)
 If yes, detail:
 3. How are mortalities disposed of?
 If other detail:

Treatments and Medicines

1. Any treatments? (since last inspection)
 If yes, detail:
 Other:

Health status and Results of Surveillance

1. Any disease on site? (since last inspection)
 If yes, detail:
 2. Has any animal health surveillance been carried out by, or on behalf of, the business?
 3. Any significant results?
 If yes, detail

Sea lice

1. Has the site experienced sea lice problems in the previous 4 years?
 If yes, detail:
 2. Have lice levels stayed below the suggested criteria for treatment in the CoGP since the last inspection?
 If no, detail:
 3. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) since the last inspection?
 4. If yes to 3, have these been reported to the Fish Health Inspectorate? If no, see comment.
 5. Does the site have treatment discharge consents relevant to sea lice?
 If yes, detail:
 6. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
 If no, detail:
 7. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
 8. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?

Escapes/Containment

1. Any reported escapes? (check prior to phone call)

	N
	N

2. Any escapes? (since last inspection)

If yes, detail:
(include date)

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Biosecurity Records

1. Any significant changes to your biosecurity procedures since previous visit?

	N
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If yes, detail:

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Case Number:	2020-0035	Site No:	FS1341	Insp:		
Date of Visit	04/08/2020	No of movements/supp./dest.			Score	
Live fish movements		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
Exposure via water		Site contacts				
		0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		2
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				
	Processing own fish (re-cycling risk)	1				1
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
Biosecurity		1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		1
	Sites sharing staff and equipment	0	1	2		1
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
				Total Rank	21	
					MEDIUM	

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

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF CASE	04/08/2020
SITE No	FS1341	SITE NAME	An Camus
INSPECTOR	[REDACTED]	CASE No	20200035

Passive Surveillance Inspection

A notification of mortality levels above the reporting criteria was received by the Fish Health Inspectorate for the period of 13/07/2020 to 26/07/2020

A passive surveillance inspection was conducted by telephone to gather information in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC.

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

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.

Mortality levels had exceeded the reporting criteria since the site was first registered and had been reported to the Fish Health Inspectorate as required.

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

Signed:

[REDACTED]

Date: 04/08/2020

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

R26

Case No: 2020-0036 Date of visit: 06/08/2020

Time spent on site: N/A Main Inspector: [Redacted]

Site No: FS1344 Site Name: Invertote Salmon Farm
Business No: FB0579 Business Name: Organic Sea Harvest Ltd

Case Types: 1 PSI 2 [] 3 [] 4 [] 5 [] 6 []

Water Temp (°C): [] Thermometer No: [] FHI 045 completed []

Observations: Region: HI Water type: S CoGP MA: None

Dead/weak/abnormally behaving fish present? [] If yes, see additional information/clinical score sheet.
Clinical signs of disease observed? [] If yes, see additional information/clinical score sheet.
Gross pathology observed? [] If yes, see additional information/clinical score sheet.
Diagnostic samples taken? []

UNI/REG only - if unable to carry out intended visit detail reason below:
[Redacted]

Additional Case Information:

PSI carried out in response to notification from business of increased mortality in lumpfish.

Lumpsucker mortality: 10/07/20 - 16/07 - 822 (2.83%), 17/07-23/07 - 2198 (7.79%), 24/07-30/07 - 4063 (15.62%). Mortality for this week so far at 5573 (25.38%).

Vet attended site on 23/07/2020. Vet report stated mortality most likely attributed to increased stress due to high Caligus burden and secondary skin infections from opportunistic bacteria (Tenibaculum and Vibrio spp.)

AMX tarpaulin treatments carried out on all cages (30/07 - 03/08) with lice reduction of 91% - 97% per cage recorded.

Salmon mortality has increased this reporting week (from 31/07) with losses so far of 11,091 (3.6%) attributed to post-treatment mortality. A mortality report is to be submitted to the FHI at the end of this week when the reporting week is complete.

Average Caligus levels before treatment reported as 65 (lumpfish) and 45 (salmon). Following treatment numbers fell to 4 (lumpfish) and 3.6 (salmon).

Average adult female sea lice (Lepeophtheirus salmonis) numbers have been consistently around 0.1.

Wrasse caught from Skye area. Lumpfish stocked from Anglesey (Ocean Matters)

Salmon stocked from Inverkerry (FS1061) and Girlsta (FS0504)

Neighbouring site Culnacnoc Salmon Farm (FS1344) to be stocked with S0's. Risk assessment for non-synchronous production in place, inspected during authorisation process.

Discharge consents in place for tarpaulin treatments. Site intends to only treat with Alphamax.

Case No: Site No:
 Date of case: Inspector(s):

Registration/Authorisation Details

Business/site contacts correct? (if no update site summary sheet)

Site Details

Total No facilities	<input type="text" value="12"/>		No facilities stocked	<input type="text" value="4"/>	
Species	<input type="text" value="SAL"/>	<input type="text" value="LUM"/>	<input type="text" value="WRA"/>	<input type="text"/>	<input type="text"/>
Age group	<input type="text" value="S1 2020"/>	<input type="text" value="2020"/>	<input type="text" value="2020"/>	<input type="text"/>	<input type="text"/>
No Fish	<input type="text" value="304,993"/>	<input type="text" value="16,381"/>	<input type="text" value="2578"/>	<input type="text"/>	<input type="text"/>
Mean Fish Wt	<input type="text" value="266g"/>	<input type="text" value="50g"/>	<input type="text" value="200g"/>	<input type="text"/>	<input type="text"/>
Next Fallow Date (Site)	<input type="text" value="August 2020"/>		Next Input Date (Site)	<input type="text" value="Spring 2021"/>	

Date of last inspection: (ECI or PSI)

Mortality Information

1. Any recent increased or atypical mortalities? (last 4 weeks).
 If yes, detail:
 2. Any increased mortalities? (since last inspection.)
 If yes, detail:
 3. How are mortalities disposed of?
 If other detail:

Treatments and Medicines

1. Any treatments? (since last inspection)
 If yes, detail:
 Other:

Health status and Results of Surveillance

1. Any disease on site? (since last inspection)
 If yes, detail:
 2. Has any animal health surveillance been carried out by, or on behalf of, the business?
 3. Any significant results?
 If yes, detail

Sea lice

1. Has the site experienced sea lice problems in the previous 4 years?
 If yes, detail:
 2. Have lice levels stayed below the suggested criteria for treatment in the CoGP since the last inspection?
 If no, detail:
 3. Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) since the last inspection?
 4. If yes to 3, have these been reported to the Fish Health Inspectorate? If no, see comment.
 5. Does the site have treatment discharge consents relevant to sea lice?
 If yes, detail:
 6. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
 If no, detail:
 7. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
 8. Is the CoGP Farm Management Area (or equivalent) followed synchronously on a single year class basis?

Escapes/Containment

1. Any reported escapes? (check prior to phone call)

N

2. Any escapes? (since last inspection)

N

If yes, detail:
(include date)

[Redacted area]

Biosecurity Records

1. Any significant changes to your biosecurity procedures since previous visit?

N

If yes, detail:

[Redacted area]

Case Number:	2020-0036	Site No:	FS1344	Insp:		
Date of Visit	06/08/2020	No of movements/supp./dest.			Score	
Live fish movements		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	6
	Number of destinations	0	3	6	10	3
Exposure via water	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		2
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				
	Processing own fish (re-cycling risk)	1				1
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised 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 staff and equipment	0	1	2		1
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
Total Rank					17	MEDIUM

Organic Sea Harvest Ltd
Macdonald House
Somered Square
Portree
IV51 9EH

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0579	DATE OF CASE	06/08/2020
SITE No	FS1344	SITE NAME	Invertote Salmon Farm
INSPECTOR		CASE No	20200036

Passive Surveillance Inspection

A notification of increased lump sucker mortality levels received by the Fish Health Inspectorate on for the period of 10/07/2020 to 31/07/2020.

A passive surveillance inspection was conducted by telephone to gather information in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC. Information was also gathered in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice).

Increased mortality was attributed to increased burden of *Caligus* sea lice on lump suckers, exacerbated by secondary bacterial infection. Recent treatments carried out under veterinary advice have reduced *Caligus* numbers significantly.

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

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.

Salmonid mortality levels are exceeding the reporting criteria during the week that this inspection took place. A mortality report will be submitted by the business at the end of the current reporting week so that accurate data is submitted.

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: 06/08/2020

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

Case No: 2020-0051 Date of visit: 21/08/2020

Time spent on site: 1.5 hours Main Inspector:

Site No: FS1241 Site Name: Lothian
Business No: FB0544 Business Name: Scotland

Case Types: 1 STI 2 3 4 5 6

Water Temp (°C): 13.2 Thermometer No: T147 FHI 045 completed

Observations: Region: LO Water type: B CoGP MA:

Dead/weak/abnormally behaving fish present? N If yes, see additional information/clinical score sheet.
Clinical signs of disease observed? N If yes, see additional information/clinical score sheet.
Gross pathology observed? N If yes, see additional information/clinical score sheet.
Diagnostic samples taken? N

UNI/REG only - if unable to carry out intended visit detail reason below:

[Empty text box for visit detail reason]

Additional Case Information:

Inspection of private fish pond in Edinburgh following the placing of a confirmed designation notice (CDNb20200005) for the control of Koi Herpes Virus Disease (see case 2020-0322).

The pond was inspected to confirm there was no connection to natural waters and to discuss the requirements for the removal of the CDN with the pond owner.

The pond is manmade and fully contained (triple lined and enclosed by netting), with a recirculation system in place. There are no connections to natural waters.

The pond owner intends to keep the remaining fish in the pond until they die, as such the CDN will remain in place until that time. As the fish on site are likely to survive for several years, the pond will be registered with the FHI in order to maintain details for the site.

The remaining fish in the pond appeared healthy, the pond owner noted they have been feeding well and behaviour has been normal.

Case No: 2020-0051

Site No: FS1241

Date of Visit: 21/08/2020

Inspector(s): [Redacted]

Registration/Authorisation Details

- 1. Business/site details summary checked by site representative? N/A
- 2. Changes made to details? N/A

Site Details (include cleaner fish for all sections)

Total No facilities	1	Facilities stocked	1	No facilities inspected	1
Species	CAR	ORF			
Age group	Mix	Mix			
No Fish	10	4			
Mean Fish Wt	Mix	Mix			
Next Fallow Date (Site)	No immediate plans		Next Input Date (Site)	N/A	
Recent (last 4 wks) disease problems?			Y	Any escapes (since last visit)?	N
If yes, detail:	Confirmed Koi Herpes Virus Disease (see case 2020-0322)				

Movement Records

- 1. Movement records available for inspection? N/A
- 2. Date of last inspection: [Redacted]
- 3. Are records complete and correctly entered? N/A
- 4. Are movement records available for dead fish and waste? N/A
- 5. Are records complete and correctly entered? N/A
- 6. Are health certificates for introductions (outwith GB) available? N/A

Transport Records

- 1. Are any movements carried out by (or on behalf) of the business (not using a STB)? [Redacted]
- If yes, is there a system in place for maintenance of transportation records? [Redacted]

Mortality Records

- 1. Mortality records available for inspection? N/A
- 2. How are mortalities disposed of? [Redacted]
- If other detail: [Redacted]
- 3. Mortality records complete and correctly entered? N/A
- 4. Recent mortality (last 4 wks): [Redacted]
- 5. Evidence of recent increased/atypical mortalities? N/A
- If yes, facility nos/no mortality per facility/no stock per facility/reason: [Redacted]
- 6. Any other peaks in mortality during period checked? N/A
- If yes, detail: [Redacted]
- 7. Have increased (unexplained) mortalities been reported to vet or FHI? N/A
- If yes, detail action: [Redacted]
- 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet. N/A

Treatments and Medicines Records

1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	

Biosecurity Records

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

Results of Surveillance

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N/A
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	

Records checked between:	N/A
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Case No:	<input type="text" value="2020-0322"/>	Date of visit:	<input type="text" value="11/08/2020"/>			
Time spent on site:	<input type="text" value="0 min"/>	Main Inspector:	<input type="text" value=""/>			
Site No:	<input type="text" value="FS1241"/>	Site Name:	<input type="text" value="Lothian"/>			
Business No:	<input type="text" value="FB0544"/>	Business Name:	<input type="text" value="Scotland"/>			
Case Types:	1 <input type="text" value="DIA"/>	2 <input type="text" value=""/>	3 <input type="text" value=""/>	4 <input type="text" value=""/>	5 <input type="text" value=""/>	6 <input type="text" value=""/>
Water Temp (°C):	<input type="text" value="N/A"/>	Thermometer No:	<input type="text" value=""/>	FHI 045 completed	<input type="text" value=""/>	
Observations:	Region:	LO	Water type:	B	CoGP MA	
Dead/weak/abnormally behaving fish present?	<input type="text" value="N/A"/>	If yes, see additional information/clinical score sheet.				
Clinical signs of disease observed?	<input type="text" value="N/A"/>	If yes, see additional information/clinical score sheet.				
Gross pathology observed?	<input type="text" value="N/A"/>	If yes, see additional information/clinical score sheet.				
Diagnostic samples taken?	<input type="text" value="Y"/>					

UNI/REG only - if unable to carry out intended visit detail reason below:

Additional Case Information:

Koi carp received in the mail 11/08/2020 from a private koi pond owner. Concerns were raised with regards to a possible infection with KHV in a phone call to DI on 10/08/2020. Fish had been dead for approximately 24 hours so no histology samples were collected, the lab further advised not to collect a virology sample. Molgen, bacteriology and parasitology samples were collected.

Contact information for pond owner: [REDACTED]

Details collect from phone call on 10/08/2020: Established (20 years) private garden pond in Moredun, south-east of Edinburgh, originally stocked with 4 adult orph, 2 goldfish and 10 mature koi of various sizes and ages up to 16 years. On 02/06/2020 introduced 10 x 5" koi and 10 shubunkins (goldfish breed). Some losses were expected following the introduction, however, all 10 koi that were introduced have died with no obvious external signs of disease. Administered 1 antibacterial and 1 antifungal treatment as a precaution. Since then, the older koi been dying, again with no obvious external signs of disease. The pond owner has discussed the mortality with the supplier and concluded that it was not an environmental cause as his water parameters were within the limits for the species held. The fish are dying one by one, not en mass.

One of the larger koi is now (10/8/20) lethargic and lying at the top of the pond near the aeration system. It is also displaying a sunken eye and the owner expects it to be dead by tomorrow (11/08/2020).

Stock currently thought to be left in the pond:

4 orph 10" adult

2 goldfish 8"

2 koi 10-12"

Couple of small shubunkins 4-5"

No movements on or off have taken place since the introduction on 02/06/2020. No introduction in the 3 years prior to that and no live movements off. Prior to movement restrictions being placed all mortalities disposed triple bagged to landfill (which in the area goes for incineration). The pond is not connected to any water ways. Movement restrictions placed following confirmation of KHV. The private garden pond was visited by an inspector on 21/08/2020 and will be authorised as a site going forward.

Case No: 2020-0322

Site No: FS1241

Date of Visit: 11/08/2020

Inspector(s):

Registration/Authorisation Details

- 1. Business/site details summary checked by site representative? N/A
- 2. Changes made to details? N/A

Site Details (include cleaner fish for all sections)

Total No facilities	Facilities stocked	No facilities inspected
Species	N/A	
Age group		
No Fish		
Mean Fish Wt		
Next Fallow Date (Site)	Next Input Date (Site)	
Recent (last 4 wks) disease problems?	Any escapes (since last visit)?	
If yes, detail:		

Movement Records

- 1. Movement records available for inspection? N/A
- 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? N/A
- 2. How are mortalities disposed of?
- If other detail:
- 3. Mortality records complete and correctly entered?
- 4. Recent mortality (last 4 wks):
- 5. Evidence of recent increased/atypical mortalities?
- If yes, facility nos/no mortality per facility/no stock per facility/reason:
- 6. Any other peaks in mortality during period checked?
- If yes, detail:
- 7. Have increased (unexplained) mortalities been reported to vet or FHI?
- If yes, detail action:
- 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.

Treatments and Medicines Records

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

Biosecurity Records

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

Results of Surveillance

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	N/A
2. If yes, are results available for inspection?	
3. Any significant results?	
If yes, detail (if not detailed under recent disease problems).	

Records checked between:	N/A
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Case no: Site No: Date of visit/
Sampling:

Priority samples: VI BA PA MG HI

Time sampling starts/ends: Inspector: VMD No.

Environmental conditions: 1 2 3 4 5

Summary samples HIST BA MG VI PA Total Samples

Add Fish/Pools - click

Pool/Fish No	F1	P1											
Fish nos	1	1											
Pool Group	P1	P1											
Species	CAR	CAR											
Average weight	600g	600g											
Sex	N/A	N/A											
Water Type	FW	FW											
Stock Details													
		Private Koi Carp Pond - Edinburgh	Private Koi Carp Pond - Edinburgh										
Stock Origin													
Facility No	N/A	N/A											

Case no: 2020-0322

Site No: FS1241

Method of killing: Unknown

Date of visit: 11/08/2020

Inspector(s):

Sheet Relevant: Y

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

Fish Number	F1								
Time sampled after death (if > 45 minutes)	24hrs								
External Signs									
Behaviour	Moribund								
	Lethargic								
	Hanging vertical								
	Spiralling								
	Flashing								
	Loss of equilibrium								
Body	Dark								
	Distended abdomen								
	Anorexic								
	Scale Oedema								
Opercula	Shortened								
	Flared								
Haemorrhaging	Throat								
	Ventrum								
	Base of fins								
Eyes	Elsewhere								
	Exophthalmic								
	Enophthalmic (sunken)								
Gills	Cataract								
	Haemorrhagic								
	Pale								
Lesions	Zoned	S							
	Necrotic	M							
Vent	Flank								
	Elsewhere								
Lice Load	Inflamed								
	Trailing faeces								
Internal Signs									
Ascites	Estimate numbers								
	Clear								
Oedema	Bloody								
	In tissues								
Liver	Heart								
	Pale/anaemic								
	Granulomas								
Pyloric caeca	Deformed								
	Petechial haem								
	Gross haem								
	Tissue breakdown								
Spleen	Enlarged								
	Granulomas								
	Lesions								
Gut	Enlarged								
	No food present	S							
	Yellow pseudo-faeces								
Body wall	External haem								
	Internal haem								
Swim bladder	Haemorrhaging								
	Fluid filled								
Kidney	Swollen								
	Grey								
	Granular								
General	Liquefied	M							
	Parasites present								
	Anaemia								

Additional comments:

No parasites observed, fat was visible in the body cavity but no feed observed in the gut. Adhesion was noted between organs.

Site No: FS1241
Case No: 2020-0322
Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology



██████████
69 Mordun Park Gardens,
Edinburgh,
EH17 7LQ
████████████████████

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0544	DATE OF VISIT	11/08/2020
SITE No	FS1241	SITE NAME	Lothian
INSPECTOR	██████████	CASE No	20200322

Section 1: Summary

The FHI received a phone call on 10/08/2020 to report increased mortality with the suspicion of a possible infection with koi herpesvirus (KHV) in a private koi pond in Edinburgh. A moribund fish that died shortly before being removed from the pond was posted to the FHI and a diagnostic sample was collected on 11/08/2020.

The koi carp tested positive Cyprinid herpesvirus 3 (CyHV-3) the causative agent of KHV. Signs of clinical disease were observed by the pond owner and the inspector observed necrotic gills, which is pathology consistent with KHV.

Flavobacterium columnare, as well as *Aeromonas* spp., were isolated. Although the bacteria isolated are not likely to be the primary source of the mortality they would pose a threat to fish health should the numbers increase or the fish population be compromised.

A small section of nematode was observed on the gills, consistent with *Philometra* sp. or *Philometroides* sp. which are common parasites of carp. Freshwater bryozoan floatoblasts of *Plumatella* sp. were also observed on the gills, however these are unlikely to have contributed to the mortality.

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

Section 2: Case Detail

Observations

The FHI received a phone call on 10/08/2020 to report increased mortality in a private koi pond in Edinburgh with the suspicion of a possible infection with koi herpesvirus (KHV) raised by the owner. A moribund fish that died shortly before being removed from the pond was posted to the FHI for a diagnostic sample. The koi carp was received on the 11/08/2020 and sampled. Due to the time between death and sampling only bacteriology, molecular genetics and parasitology samples were collected.

The fish was reported as lethargic and moribund with sunken eyes on 10/08/2020 prior to dying, when it was removed and posted to the marine laboratory for testing.

Upon arrival at the laboratory after the fish had been dead for approximately 24 hour, the fish showed zoned and necrotic gills. Fat was observed in the body cavity but there was no food present in the gut. The kidney was liquefied and adhesion was noted between organs.

Samples

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

Fish number	Pool number	Species	Stage	Origin
F1	P1	Koi carp (<i>Cyprinus carpio</i>)	~600g	Private Koi Pond

Results

Bacteriology: Kidney and spleen material was inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated:

- *Flavobacterium columnare*
- *Aeromonas* spp.

Flavobacterium columnare was identified on the plate taken from spleen material, its identification was confirmed by 16s sequencing. From our antimicrobial sensitivity tests there is evidence of resistance to sulphamethoxazole/trimethoprim but no evidence of resistance to amoxicillin, florfenicol or oxytetracycline. *Flavobacterium columnare* is a known fish pathogen more usually isolated from slightly warmer climates, it is known to survive for extended periods in fresh water and mud.

Two motile *Aeromonas* spp. were identified on the plate taken from spleen material, these were identified as far as possible using phenotypic and biochemical tests. The most likely identifications are *Aeromonas hydrophila* and *Aeromonas hydrophila / caviae*. Both of these can be pathogenic to fish, however the level and purity of growth in this case would not suggest they are likely to be the primary source of mortality. From our antimicrobial sensitivity tests there is evidence of resistance to amoxicillin, but no evidence of resistance to oxytetracycline, sulphamethoxazole/trimethoprim or florfenicol.

R09

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

Cyprinid herpesvirus 3 (CyHV-3)

Fish Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
P1	20.79	28.20	28.27	28.20	POSITIVE

Partial sequencing of the DNA polymerase gene revealed 100% nucleotide identity with CyHV-3 strains.

Samples tested negative for carp edema virus (CEV), spring viraemia of carp virus (SVCV) and genetically related rhabdoviruses.

Parasitology: A gill arch was collected to determine the presence of parasites using light microscopy.

Gill filaments were observed to be necrotic in patches and quite dirty. Several elipsoid structures were observed on and within the gill filaments. These structures were identified as freshwater bryozoan floatoblasts of *Plumatella* sp. These bryozoans are unlikely to cause disease and their presence is likely the result of altered behaviour, eg. fish gathering at water/aeration inlets due to gill damage.

A small section of red-coloured nematode was observed, consistent with *Philometra* sp. or *Philometroides* sp. which are common parasites of carp.

Signed:



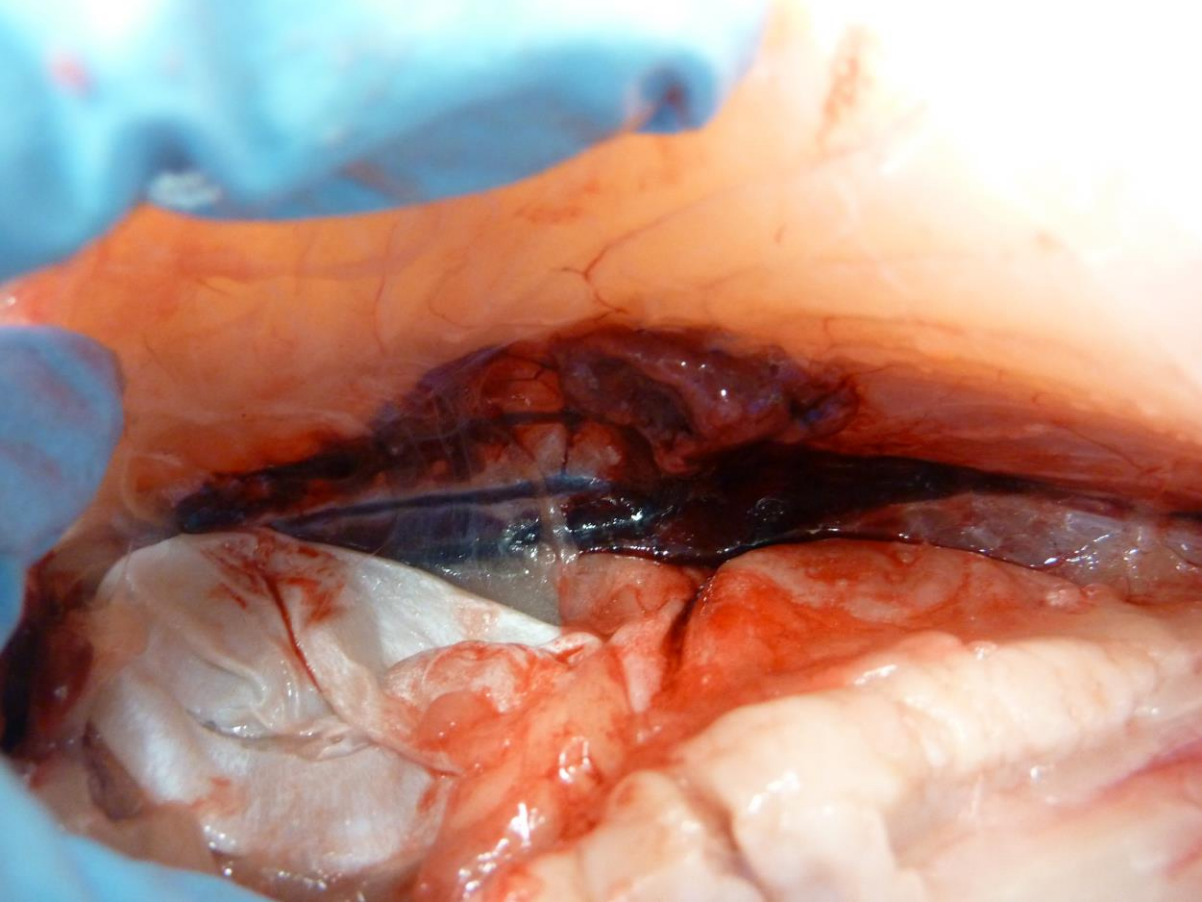
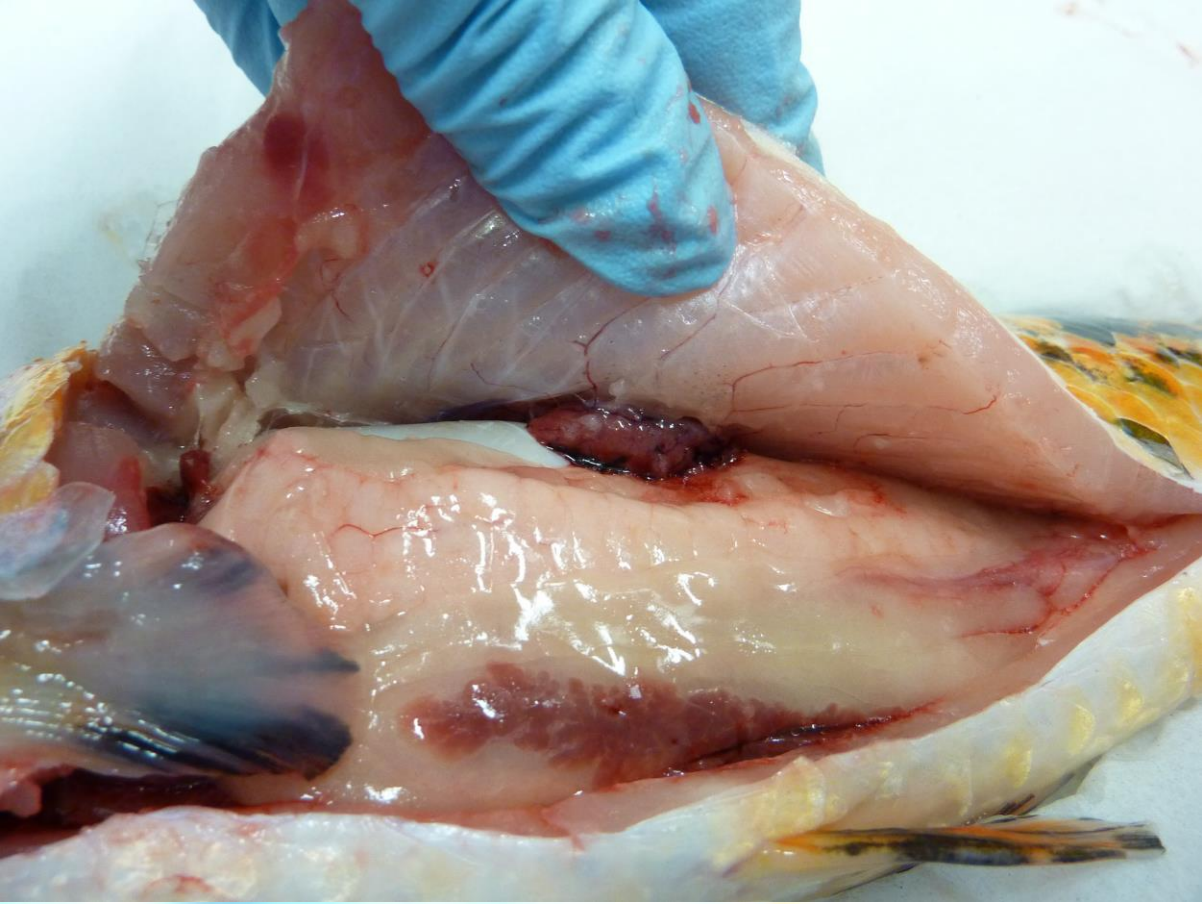
Date: 09/09/2020

Fish Health Inspector

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

2020-0322





Case No: 2020-0331 Date of visit: 17/08/2020

Time spent on site: 0.5 hrs Main Inspector: [Redacted]

Site No: FS0575 Site Name: Ormsary Smolt Unit
Business No: FB0061 Business Name: Landcatch Natural Selection Ltd

Case Types: 1 MOV 2 [] 3 [] 4 [] 5 [] 6 []

Water Temp (°C): [] Thermometer No: [] FHI 045 completed []

Observations: Region: ST Water type: F CoGP MA: []

Dead/weak/abnormally behaving fish present? N If yes, see additional information/clinical score sheet.
Clinical signs of disease observed? N If yes, see additional information/clinical score sheet.
Gross pathology observed? N If yes, see additional information/clinical score sheet.
Diagnostic samples taken? N

UNI/REG only - if unable to carry out intended visit detail reason below:
[Redacted]

Additional Case Information:

Export of 315 salmon parr (ref. no. md20/042, intra.gb.2020.0018001) to Wageningen University, Netherlands. Fish to be transported by Solway transport on 18/08/2020. C&D disinfection sheet for trailer to be used submitted by Solway Transport to FHI and inspected 14/08/2020.

Fish all coming from tank C16. Stock as of 13/08/2020 was 34,681 @ 16.2g average weight. No treatments carried out in the last 8 weeks.

No lethargic or moribund fish noted in the tank. Fish appeared in good health with no signs of disease.

Case No: Site No:

Date of Visit: Inspector(s):

Registration/Authorisation Details

1. Business/site details summary checked by site representative?

2. Changes made to details?

Site Details (include cleaner fish for all sections)

Total No facilities	<input type="text" value="108"/>	Facilities stocked	<input type="text" value="98"/>	No facilities inspected	<input type="text" value="1"/>
Species	<input type="text" value="SAL"/>	<input type="text" value="SAL"/>			
Age group	<input type="text" value="2020 S0"/>	<input type="text" value="2020 S1"/>			
No Fish	<input type="text" value="1,914,023"/>	<input type="text" value="2,643,380"/>			
Mean Fish Wt	<input type="text" value="48g"/>	<input type="text" value="14g"/>			
Next Fallow Date (Site)	<input type="text" value="None"/>		Next Input Date (Site)	<input type="text" value="Jan. 2021"/>	
Recent (last 4 wks) disease problems?	<input type="text" value="N"/>		Any escapes (since last visit)?	<input type="text" value="N"/>	
If yes, detail:	<input type="text" value=""/>				

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?

If other detail:

3. Mortality records complete and correctly entered?

4. Recent mortality (last 4 wks):

5. Evidence of recent increased/atypical mortalities?

If yes, facility nos/no mortality per facility/no stock per facility/reason:

6. Any other peaks in mortality during period checked?

If yes, detail:

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

If yes, detail action:

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

Treatments and Medicines Records

1. Recent treatments (see comment)?	
If yes, detail:	
If other, detail:	
2. Medicines records available for inspection?	
3. Are records complete and correctly entered?	
4. Are fish in a withdrawal period?	
5. If yes, what treatment(s)?	
If other, detail:	
6. Are medicines stored appropriately?	

Biosecurity Records

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

Results of Surveillance

1. Has any animal health surveillance been carried out by, or on behalf of, the business?		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:	21/01/2020 - 17/08/2020
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Landcatch Natural Selection Ltd
Ormsary Fish Farm
Lochgilphead
Argyll
PA31 8PE

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0061	DATE OF VISIT	17/08/2020
SITE No	FS0575	SITE NAME	Ormsary Smolt Unit
INSPECTOR		CASE No	20200331

Inspection for placing on the market in the EU

In accordance with the Trade in Animals and Related Products (Scotland) Regulations 2012 and European Community Council Directive 2006/88/EC, the above site was visited and a consignment of Atlantic salmon parr for placing on the market in the Netherlands was inspected. A health certificate was issued which must travel with the consignment to the destination. The official authority in the importing country has been notified.

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

Signed:



Date: 18/08/2020

Fish Health Inspector

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

Case No: 2020-0340 Date of visit: 21/08/2020

Time spent on site: n/a Main Inspector:

Site No: FS0559 Site Name: Ardyne
Business No: FB0169 Business Name: The Scottish Salmon Company

Case Types: 1 PSI 2 3 4 5 6

Water Temp (°C): Thermometer No: FHI 045 completed

Observations: Region: ST Water type: S CoGP MA: M-45

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.

UNI/REG only - if unable to carry out intended visit detail reason below:

Additional Case Information:

Mortality information - Last 4 weeks

Week 33 - 20643 - 2.27%

Week 32 - 4042 - 2.37%

Week 31 - 3867 - 2.22%

Week 30 - 292 - 0.21%

Dinoflagellate combined with solids in water after heavy rainfall resulted in environmental insult. Mortality is now back at normal levels and appetite are doing well.

Fish had been doing really well but have succumbed to an environmental insult caused by a multitude of factors in the loch. Environmental event lasted only a few days and mortality levels are back to normal. Harvesting procedures have commenced and fallow is expected within the month. Environmental insult combined with historic PGD is thought to have been the main source of high mortality.

Case Number:	2020-0340	Site No:	FS0559	Insp:		
Date of Visit	21/08/2020	No of movements/supp./dest.			Score	
Live fish movements		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
Exposure via water		Site contacts				
		0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	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		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm processing	0				
	Processing own fish (re-cycling risk)	1				1
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
Biosecurity		1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		1
	Sites sharing staff and equipment	0	1	2		1
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
Total Rank					21	
Rank					MEDIUM	

Case No: Site No:
 Date of case: Inspector(s):

Registration/Authorisation Details

Business/site contacts correct? (if no update site summary sheet)

Site Details

Total No facilities	<input type="text" value="10"/>	No facilities stocked	<input type="text" value="4"/>
Species	<input type="text" value="SAL"/>	<input type="text" value="WRS"/>	<input type="text" value="LUM"/>
Age group	<input type="text" value="19 S1's"/>	<input type="text" value="Q2 2019"/>	<input type="text" value="Q4 2019"/>
No Fish	<input type="text" value="38,196"/>	<input type="text" value="12200 + lum"/>	<input type="text" value="12200 + wrs"/>
Mean Fish Wt	<input type="text" value="5.1kg"/>	<input type="text" value="mixed"/>	<input type="text" value="mixed"/>
Next Fallow Date (Site)	<input type="text" value="Mid september 2020"/>	Next Input Date (Site)	<input type="text" value="March 2021"/>

Date of last inspection: (ECI or PSI)

Mortality Information

1. Any recent increased or atypical mortalities? (last 4 weeks.)
 If yes, detail:
 2. Any increased mortalities? (since last inspection.)
 If yes, detail:
 3. How are mortalities disposed of?
 If other detail:

Treatments and Medicines

1. Any treatments? (since last inspection)
 If yes, detail:
 Other:

Health status and Results of Surveillance

1. Any disease on site? (since last inspection)
 If yes, detail:
 2. Has any animal health surveillance been carried out by, or on behalf of, the business?
 3. Any significant results?
 If yes, detail:

Sea lice

1. Has the site experienced sea lice problems in the previous 4 years?
 If yes, detail:
 2. Have lice levels stayed below the suggested criteria for treatment in the CoGP since the last inspection?
 If no, detail:
 3. Have average adult female sea lice (L. salmonis) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) since the last inspection?
 4. If yes to 3, have these been reported to the Fish Health Inspectorate? If no, see comment.
 5. Does the site have treatment discharge consents relevant to sea lice?
 If yes, detail:
 6. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
 If no, detail:
 7. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
 8. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?

Escapes/Containment

1. Any reported escapes? (check prior to phone call)

N

2. Any escapes? (since last inspection)

N

If yes, detail:
(include date)

[Redacted area]

Biosecurity Records

1. Any significant changes to your biosecurity procedures since previous visit?

N

If yes, detail:

[Redacted area]

[REDACTED]
The Scottish Salmon Company
1 Smithy Lane
Lochgilphead
Argyll
PA31 8TA
[REDACTED]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0169	DATE OF CASE	21/08/2020
SITE No	FS0559	SITE NAME	Ardyne
INSPECTOR	[REDACTED]	CASE No	20200340

Passive Surveillance Inspection

A notification of mortality levels above the reporting criteria was received by the Fish Health Inspectorate on 20/08/2020 for the period of 03/08/2020 to 09/08/2020.

Due to current government advice regarding the on-going situation with COVID-19 an inspection of the site could not be conducted. A passive surveillance inspection was conducted by telephone to gather information in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC. Information was also gathered in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice)

The FHI was notified by the operator that there had been increased mortality at the above mentioned site. The attributed cause of mortality was environmental insult and the site in question is due to be harvested out by mid-September.

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

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.

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

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

R28



Signed:

Date: 31/08/2020

Fish Health Inspector

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

Case No: 2020-0341 Date of visit: 21/08/2020

Time spent on site: n/a Main Inspector: [Redacted]

Site No: FS1056 Site Name: Strone Point
Business No: FB0169 Business Name: The Scottish Salmon Company

Case Types: 1 PSI 2 [] 3 [] 4 [] 5 [] 6 []

Water Temp (°C): [] Thermometer No: [] FHI 045 completed []

Observations: Region: ST Water type: S CoGP MA: M-45

Dead/weak/abnormally behaving fish present? [] If yes, see additional information/clinical score sheet.
Clinical signs of disease observed? [] If yes, see additional information/clinical score sheet.
Gross pathology observed? [] If yes, see additional information/clinical score sheet.
Diagnostic samples taken? []

UNI/REG only - if unable to carry out intended visit detail reason below:
[Redacted]

Additional Case Information:

Mortality information (last 4 weeks)

Week 33 - 79381 - 32.84%

Week 32 - 8182 - 3.09%

Week 31 8627 - 2.17%

Week 30 - 3287 - 0.82%

Week 28 - 6682 - 1.48%

Dinoflagellate combined with solids in water after heavy rainfall resulted in environmental insult. Mortality is now back at normal levels and appetite are doing well.

Fish have been doing really well but have succumbed to an environmental insult caused by a multitude of factors in the loch. Environmental event lasted only a few days and mortality levels are back to normal. Harvesting procedures have commenced and fallow is expected within the month. Environmental insult combined with historic PGD is thought to have been the main source of high mortality.

Case Number:	2020-0341	Site No:	FS1056	Insp:		
Date of Visit	21/08/2020	No of movements/supp./dest.			Score	
Live fish movements		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
Exposure via water	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		2
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm processing	0				
	Processing own fish (re-cycling risk)	1				1
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised 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 staff and equipment	0	1	2		1
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
Total Rank					22	MEDIUM

Case No: Site No:

Date of case: Inspector(s):

Registration/Authorisation Details

Business/site contacts correct? (if no update site summary sheet)

Site Details

Total No facilities	<input type="text" value="14"/>	No facilities stocked	<input type="text" value="10"/>
Species	<input type="text" value="SAL"/>	<input type="text" value="WRS"/>	<input type="text" value="LUMP"/>
Age group	<input type="text" value="19 s1's"/>	<input type="text" value="2019"/>	<input type="text" value="2019"/>
No Fish	<input type="text" value="95,821"/>	<input type="text" value="34000 +lump"/>	<input type="text" value="34000 + WRS"/>
Mean Fish Wt	<input type="text" value="4.5kg"/>	<input type="text" value="Mixed"/>	<input type="text" value="Mixed"/>
Next Fallow Date (Site)	<input type="text" value="Mid september 2020"/>	Next Input Date (Site)	<input type="text" value="March 21"/>

Date of last inspection: (ECI or PSI)

Mortality Information

- Any recent increased or atypical mortalities? (last 4 weeks).
If yes, detail:
- Any increased mortalities? (since last inspection.)
If yes, detail:
- How are mortalities disposed of?
If other detail:

Treatments and Medicines

- Any treatments? (since last inspection)
If yes, detail:
- Other:

Health status and Results of Surveillance

- Any disease on site? (since last inspection)
If yes, detail:
- Has any animal health surveillance been carried out by, or on behalf of, the business?
- Any significant results?
If yes, detail:

Sea lice

- Has the site experienced sea lice problems in the previous 4 years?
If yes, detail:
- Have lice levels stayed below the suggested criteria for treatment in the CoGP since the last inspection?
If no, detail:
- Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) since the last inspection?
- If yes to 3, have these been reported to the Fish Health Inspectorate? If no, see comment.
- Does the site have treatment discharge consents relevant to sea lice?
If yes, detail:
- Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
If no, detail:
- Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
- Is the CoGP Farm Management Area (or equivalent) followed synchronously on a single year class basis?

Escapes/Containment

1. Any reported escapes? (check prior to phone call)

N

2. Any escapes? (since last inspection)

N

If yes, detail:
(include date)

[Redacted area]

Biosecurity Records

1. Any significant changes to your biosecurity procedures since previous visit?

N

If yes, detail:

[Redacted area]

[REDACTED]
The Scottish Salmon Company
1 Smithy Lane
Lochgilphead
Argyll
PA31 8TA
[REDACTED]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0169	DATE OF CASE	21/08/2020
SITE No	FS1056	SITE NAME	Strone Point
INSPECTOR	[REDACTED]	CASE No	20200341

Passive Surveillance Inspection

A notification of mortality levels above the reporting criteria was received by the Fish Health Inspectorate on 20/08/2020 for the period of 03/08/2020 to 09/08/2020.

Due to current government advice regarding the on-going situation with COVID-19 an inspection of the site could not be conducted. A passive surveillance inspection was conducted by telephone to gather information in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC. Information was also gathered in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice).

The FHI was notified by the operator that there had been increased mortality at the above mentioned site. The attributed cause of mortality was environmental insult and the site in question is due to be harvested out by mid-September.

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

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.

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

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

R28



Signed:

Date: 31/08/2020

Fish Health Inspector

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

Case No: 2020-0342 Date of visit: 21/08/2020

Time spent on site: n/a Main Inspector: [Redacted]

Site No: FS1281 Site Name: Sgian Dubh
Business No: FB0169 Business Name: The Scottish Salmon Company

Case Types: 1 PSI 2 [] 3 [] 4 [] 5 [] 6 []

Water Temp (°C): [] Thermometer No: [] FHI 045 completed []

Observations: Region: ST Water type: S CoGP MA: M-45

Dead/weak/abnormally behaving fish present? [] If yes, see additional information/clinical score sheet.
Clinical signs of disease observed? [] If yes, see additional information/clinical score sheet.
Gross pathology observed? [] If yes, see additional information/clinical score sheet.
Diagnostic samples taken? []

UNI/REG only - if unable to carry out intended visit detail reason below:
[Redacted]

Additional Case Information:

Mortality information (last 4 weeks)

Week 33 - 102344 - 39.55%

Week 32 - 11582 - 2.12%

Week 31 - 5107 - 1.46%

Week 30 - 7464 - 1.82%

Week 49 (2019) - 13048 - 1.58%

Week 46 (2019) - 15895 - 1.76%

Sgian dbhu has been one of the worst affected sites in loch striven due to historic levels of PD and AGD levels, higher biomass may have exacerbated effects of environmental insult, site is also closest to the freshwater run off and therefore would have been the most exposed to suspended solids in the loch after the extreme recent downpour.

Dinoflagellate combined with solids in water after heavy rainfall resulted in environmental insult. Mortality is now back at normal levels and appetite are doing well.

Fish have been doing really well but have succumbed to an environmental insult caused by a multitude of factors in the loch. Environmental event lasted only a few days and mortality levels are back to normal. Harvesting procedures have commenced and fallow is expected within the month. Environmental insult combined with historic PGD is thought to have been the main source of high mortality.

Case Number:	2020-0342	Site No:	FS1281	Insp:		
Date of Visit	21/08/2020	No of movements/supp./dest.			Score	
Live fish movements		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
Exposure via water	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		2
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		1
On farm processing within the rules of the directive	No on farm processing	0				
	Processing own fish (re-cycling risk)	1				1
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				0
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised 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 staff and equipment	0	1	2		1
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
				Total Rank	22	MEDIUM

Case No: Site No:

Date of case: Inspector(s):

Registration/Authorisation Details

Business/site contacts correct? (if no update site summary sheet)

Site Details

Total No facilities	<input type="text" value="16"/>	No facilities stocked	<input type="text" value="9"/>
Species	<input type="text" value="SAL"/>	<input type="text" value="WRS"/>	<input type="text" value="LUMP"/>
Age group	<input type="text" value="19 S1's"/>	<input type="text" value="2019"/>	<input type="text" value="2019"/>
No Fish	<input type="text" value="111,214"/>	<input type="text" value="45000 inc LUM"/>	<input type="text" value="45000 inc WRS"/>
Mean Fish Wt	<input type="text" value="4.8kg"/>	<input type="text" value="mixed"/>	<input type="text" value="mixed"/>
Next Fallow Date (Site)	<input type="text" value="Mid September 2020"/>	Next Input Date (Site)	<input type="text" value="March 2021"/>

Date of last inspection: (ECI or PSI)

Mortality Information

- Any recent increased or atypical mortalities? (last 4 weeks).
If yes, detail:
- Any increased mortalities? (since last inspection.)
If yes, detail:
- How are mortalities disposed of?
If other detail:

Treatments and Medicines

- Any treatments? (since last inspection)
If yes, detail:
- Other:

Health status and Results of Surveillance

- Any disease on site? (since last inspection)
If yes, detail:
- Has any animal health surveillance been carried out by, or on behalf of, the business?
- Any significant results?
If yes, detail:

Sea lice

- Has the site experienced sea lice problems in the previous 4 years?
If yes, detail:
- Have lice levels stayed below the suggested criteria for treatment in the CoGP since the last inspection?
If no, detail:
- Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) since the last inspection?
- If yes to 3, have these been reported to the Fish Health Inspectorate? If no, see comment.
- Does the site have treatment discharge consents relevant to sea lice?
If yes, detail:
- Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
If no, detail:
- Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
- Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?

Escapes/Containment

1. Any reported escapes? (check prior to phone call)

	N
	N

2. Any escapes? (since last inspection)

If yes, detail:
(include date)

--

Biosecurity Records

1. Any significant changes to your biosecurity procedures since previous visit?

	N
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If yes, detail:

--

[REDACTED]
The Scottish Salmon Company
1 Smithy Lane
Lochgilphead
Argyll
PA31 8TA
[REDACTED]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0169	DATE OF CASE	21/08/2020
SITE No	FS1281	SITE NAME	Sgian Dubh
INSPECTOR	[REDACTED]	CASE No	20200342

Passive Surveillance Inspection

A notification of mortality levels above the reporting criteria was received by the Fish Health Inspectorate on 20/08/2020 for the period of 03/08/2020 to 09/08/2020.

Due to current government advice regarding the on-going situation with COVID-19 an inspection of the site could not be conducted. A passive surveillance inspection was conducted by telephone to gather information in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC. Information was also gathered in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice).

The FHI was notified by the operator that there had been increased mortality at the above mentioned site. The attributed cause of mortality was environmental insult and the site in question is due to be harvested out by mid-September.

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

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.

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

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

R28



Signed:

Date: 31/08/2020

Fish Health Inspector

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

Case No: 2020-0343 Date of visit: 21/08/2020

Time spent on site: n/a Main Inspector: [Redacted]

Site No: FS0752 Site Name: Taranaish
Business No: FB0169 Business Name: The Scottish Salmon Company

Case Types: 1 PSI 2 [] 3 [] 4 [] 5 [] 6 []

Water Temp (°C): [] Thermometer No: [] FHI 045 completed []

Observations: Region: WI Water type: S CoGP MA: W-1

Dead/weak/abnormally behaving fish present? [] If yes, see additional information/clinical score sheet.
Clinical signs of disease observed? [] If yes, see additional information/clinical score sheet.
Gross pathology observed? [] If yes, see additional information/clinical score sheet.
Diagnostic samples taken? []

UNI/REG only - if unable to carry out intended visit detail reason below:
[Redacted]

Additional Case Information:

Mortality information (last 4 weeks)

week 33 - 15807 - 4.09%)

week 32 - 8084 - 1.96%

week 31 - 2961 - 0.71%)

week 30 - 1078 - 0.25%

week 28 - 7016 - 1.55% (post treatment)

Gill health and a mixture of PGD and post treatment mortality, site manager has reported jelly fish in the area. FW treatment had post mortality within the crowd, Mechanical treatment had post treatment mortality recently in certain pens worst affected by gill health and environmental.

Case Number:	2020-0343	Site No:	FS0752	Insp:		
Date of Visit	21/08/2020	No of movements/supp./dest.			Score	
Live fish movements		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	0
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	3
Exposure via water	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	0				
	Farm is on-line or in a coastal zone with category I farms upstream or within 1 tidal excursion	1	2	4		2
	Farm is on-line or in a coastal zone with category III farms upstream or within 1 tidal excursion	1	3	6		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				
	Processing own fish (re-cycling risk)	1				1
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				
	Common processes with other farms	3				3
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised 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 staff and equipment	0	1	2		1
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
Total Rank					21	MEDIUM

Case No: Site No:

Date of case: Inspector(s):

Registration/Authorisation Details

Business/site contacts correct? (if no update site summary sheet)

Site Details

Total No facilities	<input type="text" value="16"/>	No facilities stocked	<input type="text" value="8"/>
Species	<input type="text" value="SAL"/>	<input type="text" value="Lump"/>	
Age group	<input type="text" value="19 S1's"/>	<input type="text" value="2019"/>	
No Fish	<input type="text" value="166,833"/>	<input type="text" value="50,000"/>	
Mean Fish Wt	<input type="text" value="4.1kg"/>	<input type="text" value="40g"/>	
Next Fallow Date (Site)	<input type="text" value="Early October 2020"/>	Next Input Date (Site)	<input type="text" value="Feb/march 2021"/>

Date of last inspection: (ECI or PSI)

Mortality Information

- Any recent increased or atypical mortalities? (last 4 weeks).
If yes, detail:
- Any increased mortalities? (since last inspection.)
If yes, detail:
- How are mortalities disposed of?
If other detail:

Treatments and Medicines

- Any treatments? (since last inspection)
If yes, detail:
Other:

Health status and Results of Surveillance

- Any disease on site? (since last inspection)
If yes, detail:
- Has any animal health surveillance been carried out by, or on behalf of, the business?
- Any significant results?
If yes, detail:

Sea lice

- Has the site experienced sea lice problems in the previous 4 years?
If yes, detail:
- Have lice levels stayed below the suggested criteria for treatment in the CoGP since the last inspection?
If no, detail:
- Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) since the last inspection?
- If yes to 3, have these been reported to the Fish Health Inspectorate? If no, see comment.
- Does the site have treatment discharge consents relevant to sea lice?
If yes, detail:
- Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
If no, detail:
- Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
- Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?

Escapes/Containment

1. Any reported escapes? (check prior to phone call)

	Y
	N

2. Any escapes? (since last inspection)

If yes, detail:
(include date)

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Biosecurity Records

1. Any significant changes to your biosecurity procedures since previous visit?

	N
--	---

If yes, detail:

--

[REDACTED]
The Scottish Salmon Company
1 Smithy Lane
Lochgilphead
Argyll
PA31 8TA
[REDACTED]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0169	DATE OF CASE	21/08/2020
SITE No	FS0752	SITE NAME	Taranaish
INSPECTOR	[REDACTED]	CASE No	20200343

Passive Surveillance Inspection

A notification of mortality levels above the reporting criteria was received by the Fish Health Inspectorate on 20/08/2020 for the period of 03/08/2020 to 09/08/2020.

Due to current government advice regarding the on-going situation with COVID-19 an inspection of the site could not be conducted. A passive surveillance inspection was conducted by telephone to gather information in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC. Information was also gathered in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice).

The FHI was notified by the operator that there had been increased mortality at the above mentioned site. The attributed cause of mortality was environmental insult and treatment losses.

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

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.

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

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

Signed:



Fish Health Inspector

Date: 31/08/2020

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

Case No: 2020-0353 Date of visit: 25/08/2020

Time spent on site: N/A Main Inspector: [Redacted]

Site No: FS0742 Site Name: Glenfinnan
Business No: FB0119 Business Name: Mowi Scotland Ltd

Case Types: 1 PSI 2 [] 3 [] 4 [] 5 [] 6 []

Water Temp (°C): [] Thermometer No: [] FHI 045 completed []

Observations: Region: HI Water type: F CoGP MA: []

Dead/weak/abnormally behaving fish present? [] If yes, see additional information/clinical score sheet.
Clinical signs of disease observed? [] If yes, see additional information/clinical score sheet.
Gross pathology observed? [] If yes, see additional information/clinical score sheet.
Diagnostic samples taken? []

UNI/REG only - if unable to carry out intended visit detail reason below:
[]

Additional Case Information:

PSI carried out following report of increased mortality by business - w/b 10/08/20: 61,188 (8.07%)

Recent transfer of fish onto site from Inchmore (FS0226). 200,000 on 13/08/20 and 105,000 on 14/08/2020.

On days of transfer site temperature recorded as 17.2 °C and 17.4 °C respectively. Dissolved oxygen levels on site were normal.

On the 14th, fish transferred on 13th appeared lethargic and mortality began to increase. Water samples showed no significant plankton levels. Examination of the fish, showed some minor gill pathology. A significant amount of vaccine was observed in the gut and increased levels of adhesion were also observed. No plankton was observed in the gut. No other pathology was observed.

Fish had recently been vaccinated at Inchmore with PD7 and a *Pasteurella skyensis* vaccine.

Subsequent water samples on 17th and 21st showed increasing levels of plankton with *Asterionella* sp and *Cyanobacteria* identified - 25/ml and 70/ml respectively, however by this time mortality had reduced significantly.

Mortality affected only the newly introduced stock, with a loss of approximately 20%. The mortality is attributed to a stress event, potentially influenced by the transfer of the stock, high temperatures and increasing plankton at the site.

The following week (w/b 17/08/20) mortality fell to 672 across site. The two weeks before the mortality event, mortality was 11 and 35 across the site respectively.

Case No: Site No:

Date of case: Inspector(s):

Registration/Authorisation Details

Business/site contacts correct? (if no update site summary sheet)

Site Details

Total No facilities	<input type="text" value="32"/>	No facilities stocked	<input type="text" value="12"/>
Species	<input type="text" value="SAL"/>		
Age group	<input type="text" value="Parr"/>		
No Fish	<input type="text" value="640,627"/>		
Mean Fish Wt	<input type="text" value="56 g"/>		
Next Fallow Date (Site)	<input type="text" value="October 2020"/>	Next Input Date (Site)	<input type="text" value="November 2020"/>

Date of last inspection: (ECI or PSI)

Mortality Information

- Any recent increased or atypical mortalities? (last 4 weeks).
 If yes, detail:
- Any increased mortalities? (since last inspection.)
 If yes, detail:
- How are mortalities disposed of?
 If other detail:

Treatments and Medicines

- Any treatments? (since last inspection)
 If yes, detail:
- Other:

Health status and Results of Surveillance

- Any disease on site? (since last inspection)
 If yes, detail:
- Has any animal health surveillance been carried out by, or on behalf of, the business?
- Any significant results?
 If yes, detail:

Sea lice

- Has the site experienced sea lice problems in the previous 4 years?
 If yes, detail:
- Have lice levels stayed below the suggested criteria for treatment in the CoGP since the last inspection?
 If no, detail:
- Have average adult female sea lice (*L. salmonis*) numbers per fish been at a level of 3 or above (prior to w/b 10/6/19) or 2 or above (from w/b 10/6/19) since the last inspection?
- If yes to 3, have these been reported to the Fish Health Inspectorate? If no, see comment.
- Does the site have treatment discharge consents relevant to sea lice?
 If yes, detail:
- Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
 If no, detail:
- Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
- Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?

Escapes/Containment

1. Any reported escapes? (check prior to phone call)

	N
	N

2. Any escapes? (since last inspection)

If yes, detail:
(include date)

--

Biosecurity Records

1. Any significant changes to your biosecurity procedures since previous visit?

	N
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If yes, detail:

--

Case Number:	2020-0353	Site No:	FS0742	Insp:		
Date of Visit	25/08/2020	No of movements/supp./dest.			Score	
Live fish movements		0	1-5	6-10	>10	
Movements on (from out with GB) of susceptible species	Frequency of movements on from equivalent MS	0	5	10	14	0
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	
	Number of suppliers	0	5	10	14	0
Movements off	Frequency of movements off	0	3	6	10	10
	Number of destinations	0	3	6	10	6
Exposure via water	Site contacts	0	1-5	6-10		
Water contacts with other farms (holding species susceptible to same diseases)	Farm is protected (secure water supply through disinfection or borehole)	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		
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8		
Management practices		None	Secure	Unsecure		
Water contacts with processors	Any processing plant discharging into adjacent waters	0	1	2		0
On farm processing within the rules of the directive	No on farm processing	0				0
	Processing own fish (re-cycling risk)	1				
	Processing fish from MS of equivalent status	2				
	Processing fish from zone or compartment of equivalent status	4				
	Processing fish from Category III farm	8				
	Processing fish from Category V farm	10				
Disposal of fish and fish by-products	Site's own waste only processed.	0				0
	Common processes with other farms	3				
	Collection point for waste from other farms	5				
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
Biosecurity	Number of sites	1	2 or 3	≥ 4		
Contacts with other sites	Sites operating from single shorebase	0	1	2		0
	Sites sharing staff and equipment	0	1	2		0
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
CoGP/Regulator						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
Total Rank					17	MEDIUM

██████████
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 No	FB0119	DATE OF CASE	25/08/2020
SITE No	FS0742	SITE NAME	Glenfinnan
INSPECTOR	██████████	CASE No	20200353

Passive Surveillance Inspection

A notification of mortality levels above the reporting criteria was received by the Fish Health Inspectorate on 21/08/2020 for the period of 10/08/2020 to 16/08/2020.

A passive surveillance inspection was conducted by telephone to gather information in accordance with the Aquatic Animal Health (Scotland) Regulations 2009, and to meet the requirements of European Community Council Directive 2006/88/EC. Information was also gathered in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice).

Mortality of 61,188 was reported by the business for the w/b 10/08/2020. Attributed to a stress event following transfer of fish on site. The following weeks mortality fell to 672.

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

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.

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

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

Signed:



Fish Health Inspector

Date: 25/08/2020

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