

Case No: 2022-0001 Date of visit: 06/01/2022

Time spent on site: 0min Main Inspector: [Redacted]

Site No: FS0245 Site Name: Ardintoul
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: S CoGP MA: M-21

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:

Increased mortalities reported weekly since w/b 6/12/21 due to SRS and complex gill disease.

Yesterday trial peroxide treatment of 2 pens, this has caused increased mortality in the treated pens so have put off treating the remaining pens for now.

Vet report says mortality is driven by gill issues (complex gill disease) not bacterial infection. PGD, AGD, anaemia, environmental gill insult.

Looking at different treatment options like freshwater. However gills are damaged and any handling is likely to increase mortalities. Discussion on-going as to how to manage the situation.

Some sort of environmental damage possibly jellyfish or plankton bloom at some point. Gills damaged PGD in September/October, then issues with AGD which were thought to be improving until situation started to deteriorate again in December with complex gill disease causing large level of mortality (all reported). Water temperature still fairly high for the time of year around 9C.

SAL Stofinfiskur stock. WRS imported from Ireland. LUM from Anglesey.

Case Number:	2022-0001	Site No:	FS0245	Insp:	
Date of Visit	06/01/2022	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
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26
	Number of suppliers	0	5	10	14
Movements off	Frequency of movements off	0	3	6	10
	Number of destinations	0	3	6	10
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			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			
	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	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	33 HIGH

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="11"/>
Species	SAL	LUM	WRS
Age group	2021 Q1	2021	wild
No Fish	771,000	30,188	59,132
Mean Fish Wt	1.82kg	300g	mixed
Next Fallow Date (Site)	<input type="text" value="Sep 2022"/>		Next Input Date (Site) <input type="text" value="Jan 2023"/>

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?

Y

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]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF VISIT	06/01/2022
SITE No	FS0245	SITE NAME	Ardintoul
CASE No	20220001	INSPECTOR	[REDACTED]

Routine surveillance frequency assessment under the Aquatic Animal Health (Scotland) Regulations 2009

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

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 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.

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: 06/01/2022

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

Case No: 2022-0002 Date of visit: 07/01/2022

Time spent on site: 0 min Main Inspector: [Redacted]

Site No: FS0015 Site Name: Loch Greshornish
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: S CoGP MA: M-24

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:

On-going mortality reports over the threshold since w/b 4/10/2021 attributed to AGD, treatment loss (FW) and with time HSMI. Most recent weeks attributed to complex gill disease with AGD and HSMI.

Looking to stock LUM in the next 2 months. Used to have WRS but with all the FW treatments these have perished.

PatoGen report: HSMI, 2/15 positive for *P. skyensis* from pen 6, since that result have stepped up morting multiple times per day and very proactive at taking out lethargic fish as soon as possible. Also increased use of footbaths and disinfectant sprayers. 9.2C Water temperature. Still up at about 10C about a week ago. Another health visit scheduled for next week, to see if *P. skyensis* is in more pens, as only one pen samples before. Morts get opened up frequently and mostly seeing gross pathology consistent with HSMI.

Current site manager in place since November 2021, since then have done short 3-4h FW treatments more frequently to knock Amoeba (AGD). Will switch to low dose peroxide tarp treatment over the weekend/ next week. Have seen some *Moritella* as well. After peroxide looking to use Florocol next week for 10 days. Feeding has been poor. Reduced pellet size again so this has seemed to increase feeding again. Will start feeding organic diet as a trial as well for 3 weeks to see if there is a difference.

Stofnfiskur stock.

Gill swabs get sent away weekly currently to try and monitor the situation with the gills closely. Seeing some AGD on the gills at the moment so hoping the peroxide treatment will improve the situation.

Enviro nets and doing swim throughs, rather than doing net cleaning in situ to help with AGD/gill issues. Site has a good flush.

Last year issues with micro jellies causing gill irritation.

Case Number:	2022-0002	Site No:	FS0015	Insp:		
Date of Visit	07/01/2022	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				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					16	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="12"/>	No facilities stocked	<input type="text" value="10"/>
Species	<input type="text" value="SAL"/>		
Age group	<input type="text" value="2021 Q1"/>		
No Fish	<input type="text" value="465,994"/>		
Mean Fish Wt	<input type="text" value="1.5kg"/>		
Next Fallow Date (Site)	<input type="text" value="August 2022"/>	Next Input Date (Site)	<input type="text" value="November 2022"/>

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)

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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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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF VISIT	07/01/2022
SITE No	FS0015	SITE NAME	Loch Greshornish
CASE No	20220002	INSPECTOR	[REDACTED]

Routine surveillance frequency assessment under the Aquatic Animal Health (Scotland) Regulations 2009

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

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: 07/01/22

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: 2022-0006 Date of visit: 13/01/2021

Time spent on site: 0 Main Inspector:

Site No: FS0500 Site Name: Russel Burn
Business No: FB0169 Business Name: The Scottish Salmon Company

Case Types: 1 PSI 2 REP 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:

The mortality levels before the 21/12/2021 included the mortalities from the flow through unit at Russel Burn. For reference, Russel Burn comprises of two units; a flow through unit and a recirculating smolt unit. The flow through unit was demolished on the 11/01/2022. Therefore, Russel Burn now only houses 7 tanks, which is also known as Applecross Smolt unit. Nevertheless, the reported mortalities almost totally comprise of morts from the smolt unit.

Recent mortality w/b 03/01/2022 (week 1 2022)- 4.79% as a result of Fungus

Fish that were transferred on 27/12/2021 and 28/12/2021 to Aird reported a 2.19% post transfer mortality. Further smolts have been transferred as of 12/01/2022 to the SW site Aird. The majority of mortalities observed were in the smolt unit, with almost all affected stocks now fully transferred to SW sites. Pre-transfer checks were conducted.

Smolts went out yesterday- Aird sw sites. Majority of mortalities have been in the smolts which have now been transferred. Pre transfer health checks are conducted. The remaining stock on site are being transferred to SW sites in week 5. There is one tank of Native Hebridean stocks at 54g average weight remaining and is planning to be transferred in week 14 2022. These fish will be transferred to Sgeir Dughall and Greanamul. The remaining stock with lower levels of fungus are being monitored and treatment are available if required e.g. Aquacen as well as raising salinity levels to 4.0 with the addition of salt. Vaccination occurs in the parr unit prior to smolt unit transfer.

Mortalities are disposed of in bins which are uplifted by Billy Bowie and taken to Dalry. This is a common process with Applecross site.

In regards to transfers, the site is fitted with a pipe from the smolt unit 1km from the wellboat docking site.

PSI paperwork conducted by [REDACTED], observed by [REDACTED] on 13/01/2021.

Case Number:	2022-0006	Site No:	FS0500	Insp:		
Date of Visit	13/01/2021	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	
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				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				
	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					20	MEDIUM

Case No:	2022-0006	Site No:	FS0500
Date of case:	13/01/2021	Inspector(s):	
Registration/Authorisation Details			
Business/site contacts correct? (if no update site summary sheet)			
	N		
Site Details			
Total No facilities	7	No facilities stocked	5
Species	sal		
Age group	pre- smolts		
No Fish	459,766		
Mean Fish Wt	86g		
Next Fallow Date (Site)	none planned	Next Input Date (Site)	ongoing input from parr unit
Date of last inspection: (ECI or PSI)	08/12/2020		
Mortality Information			
1. Any recent increased or atypical mortalities? (last 4 weeks).	Y		
If yes, detail:	Fungus		
2. Any increased mortalities? (since last inspection.)	N		
If yes, detail:			
3. How are mortalities disposed of?	Other (detail)		
If other detail:	Whole uplift by Billy Bowie to Dalry		
Treatments and Medicines			
1. Any treatments? (since last inspection)	Y		
If yes, detail:	Formalin		
Other:	Aquasen, Salt		
Health status and Results of Surveillance			
1. Any disease on site? (since last inspection)	Y		
If yes, detail:	fungus		
2. Has any animal health surveillance been carried out by, or on behalf of, the business?	Y		
3. Any significant results?	Y		
If yes, detail	fungus		
Sea lice			
1. Has the site experienced sea lice problems in the previous 4 years?	N/A		
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 (<i>L. salmonis</i>) 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?

	Y
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If yes, detail:

part of site demolished. Authorisation amendment required.
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FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0169	DATE OF VISIT	13/01/2022
SITE No	FS0500	SITE NAME	Russel Burn
CASE No	20220006	INSPECTOR	[REDACTED]

Passive Surveillance Inspection

Ongoing notifications of mortality levels above the reporting were received by the Fish Health Inspectorate since the beginning of November 2021 and raise mortalities are ongoing to date.

A passive surveillance inspection was conducted by telephone to gather information in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

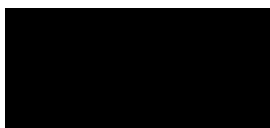
The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated.

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:



Date: 17/01/2022

Fish Health Inspector

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

Case No: 2022-0007 Date of visit: 14/01/2022

Time spent on site: 0 Main Inspector:

Site No: FS1042 Site Name: Seaforth
Business No: FB0119 Business Name: Mowi Scotland Ltd

Case Types: 1 PSI 2 REP 3 4 5 6

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

Observations: Region: WI Water type: S CoGP MA W-6

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:

Mortality events reported:

29/11/2021 1.32% 25459

06/12/2021 3.15% 59962

13/12/2021 2.53% 46789

20/12/2021 2.51% 45244

27/12/2021 2.0% 351172

03/01/2021 2.95% 50753

Recent sealice figures:

2021 wk49: 1.15

wk50: 2.14

wk51: 1.70

Wk52: 3.05

Salmon stock origins are from Loch Ness, Glenfinnan and Loch Arkaig. First signs of infection were observed on Noster side of Seaforth. Clinical signs of haemorrhaging on swimbladder and eyes was observed. Seaforth experiencing higher mortalities than Noster since 06/12/2021. Health checks have and are being conducted every two weeks.

Lumpfish input in October 2021. As a result of freshwater and mechanical delousing treatments there are no more lumpfish on site. Attempts were made prior to the treatments to remove fish with a brailer. Lumpfish origin: Ocean Matters, Anglesey.

The site has access to 'Foover' as a result of the 41m deep nets, and is able to remove any missed morts.

Florocol was administered as a first treatment on the whole of the site. Florocol shortages in UK have affected second treatment. Therefore, pen 3 and 5 will continue on Florocol and the rest of the site will be treated with Aquacen (Oxytetracycline hydrochloride). This second treatment will commence w/b 17/01/2022. Prior to the second treatment, thermolicer commenced on 14/01/2022.

PSI conducted by [REDACTED] and supervised by [REDACTED] on 14/01/2022.

Case Number:	2022-0007	Site No:	FS1042	Insp:		
Date of Visit	14/01/2022	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				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					15	LOW

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="9"/>
Species	<input type="text" value="SAL"/>		
Age group	<input type="text" value="2021 Q2"/>		
No Fish	<input type="text" value="1 718 905"/>		
Mean Fish Wt	<input type="text" value="1.714kg"/>		
Next Fallow Date (Site)	<input type="text" value="June 2022"/>	Next Input Date (Site)	<input type="text" value="March 2023"/>

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
	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?

	Y
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If yes, detail:

see additional comments

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF VISIT	14/01/2022
SITE No	FS1042	SITE NAME	Seaforth
CASE No	20220007	INSPECTOR	[REDACTED]

Routine surveillance frequency assessment under the Aquatic Animal Health (Scotland) Regulations 2009

Notifications of mortality levels above the reporting criteria were received by the Fish Health Inspectorate since November 2021 and elevated levels of mortality are ongoing. A passive surveillance inspection was conducted by telephone to gather information in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

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

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

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: 17/01/2022

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

R26

Case No: 2022-0008 Date of visit: 19/01/2022

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

Site No: SS0147 Site Name: Udale Bay (Cromarty Bay)
Business No: SB0096 Business Name: Cromarty Mussels

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

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

Meeting conducted on Teams. [REDACTED] leading inspection, [REDACTED] observing for training purposes

The farm used to use Smart Units (from Smart Farm AS) to farm mussels but has recently changed to using longlines as they reportedly work better with the current speed and strength in Cromarty Firth.

The farm has also recently changed its business strategy, moving away from selling mussels for the table and now only supplying spat for on-growing. The site is operated in conjunction with Shetland Mussels who took 241 tonnes of spat off the site last year to on-grow on their sites in Shetland. Spat is transported off the site in one movement using a boat

Farm continues to collect spat naturally and hopes for another good spat fall next year.

Case Number:	2022-0008	Site No:	SS0147		
Date of Visit	19/01/2022	Inspector:			
Number of Susceptible species on site					
If no susceptible species present = LOW risk					
If susceptible species present, score for each pathogen					
		No	Yes		
	Susceptible to Bonamia ostrea (OED)	0	25		0
	Susceptible to Marteilia refringens (OED, MED)	0	3		3
	Susceptible to OshV (CGI)	0	3		
Sites within a tidal excursion					
		1	2-5	>6	
Site contacts	Number of sites holding susceptible species within a tidal excursion	0	2	10	0
Live shellfish movements					
		0	1-2	>3	
Movements on	Frequency of movements on from equivalent MS	0	5	10	0
	Frequency of movements on from equivalent zone or compartment including third country	0	10	20	
	Number of suppliers	0	5	10	0
Movements off	Frequency of movements off <u>within</u> MSS Management Areas	0	1	2	1
	Frequency of movements off <u>outwith</u> MSS Management Areas	0	3	6	
	Number of destinations	0	3	6	6
Management practices					
		None	Secure (effluent treatment)	Unsecure (no effluent treatment)	
Water contacts with depuration facilities	Depuration of stock from own sites within MSS management area	0	1	2	0
	Depuration of stock from other businesses sites within MSS management area	0	2	6	
	Depuration of stock from sites outwith MSS management area	0	4	8	0
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	5	1
			Yes	No	
	Disinfection of equipment between sites, use of footbaths etc		0	2	0
				Total Risk	12

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	SB0096	DATE OF VISIT	19/01/2022
SITE No	SS0147	SITE NAME	Udale Bay (Cromarty Bay)
CASE No	20220008	INSPECTOR	██████████

Routine surveillance frequency assessment under the Aquatic Animal Health (Scotland) Regulations 2009

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

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

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: 19/01/2022

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