

Case No: Date of visit:

Time spent on site: Main Inspector:

Site No: Site Name:
Business No: Business Name:

Case Types: 1 2 3 4 5 6

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

Observations: Region: ST Water type: S CoGP MA M-40

- 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 conducted following reported increased mortality on site. PSI conducted by [REDACTED], shadowed by [REDACTED].

Recent mortalities

Week 43 - 13,645 Q4 fish at 3.57kg (2.44%)

Week 44 - 17,222 Q4 fish at 3.75kg (3.16%)

Week 45 - 7000 (~1.5%) so far - 90% are treatment related. Suspect peak was environmental insult on gills. Some CMS also reported. Vet report from 28/10/2021 - Gill anaemia and CMS suspected (fragile atrium and/or congestion distal intestine), seal damage, general congestion, poor performer, ERM suspected in one fish. 174 fish investigated in total. Samples collected and results from Patogen - 03/11/2021 - PMCV 4/4. Previous report from samples on 19/10 - negative for skyensis and Yersinia. 3/4 positive PMCV.

Mortality attributed to gill problems as well as CMS, 2 pens (2 and 10) responsible for significant share of mortality, harvesting these pens has commenced on site, both will be empty by end of the week. Site manager reported that mortality numbers at beginning of this week have improved. Wrasse mortality - 17% since stocking. Background mortality reported as pretty low - single figures normally, main mortality is due to treatment but also some Atypical furunculosis in last few weeks. Last few weeks wrasse mortality - wk 43 - 3.53%, wk 44 - 4.46%, wk 45 - 3.18%, wk 46 - 0.26%.

Other peaks in mortality (salmon):

Week 31 - 1,561 Q2 fish at 6.26kg (1.01%) gill disease

Week 32 - 4,199 Q2 fish at 6.43kg (2.75%) gill disease

Week 33 - 2,007 Q2 fish at 6.55kg (1.71%) gill disease

Mortalities attributed to microjellies. Site fallow on 24/08/2021

Week 36 - 15,715 Q4 fish at 2.88kg (3.27%) mortality in fish transferred from Loch Erisort

Week 37 - 11,918 Q4 fish at 2.86kg (2.02%) mortality related to fish recently transferred

Week 38 - 13,997 Q4 fish at 3.07kg (2.42%) mortality after thermolicer treatment

Sea Lice

Sea lice above CoGP levels from wb 14/06/2021 to wb 30/08/2021 and between wb 20/09/2021 to present.

Salmosan and physical treatments carried out to reduce the lice load.

Average adult females/fish above 2 in weeks 25 (2.06), 31 (2.39), 38 (2.75), 39 (3.88), 40 (2.61)

Average adult females/fish for the last 4 weeks: week 40 2.61, week 41 1.49, week 42 1.19, week 43 1.34.

8 cages stocked as of 13/11 as harvest ongoing. Another 90000 due to be harvested over next couple of weeks.

Stocked from Loch Erisort - 03/09/2021

Ensiled material collected to go to Energen.

3 or 4 pens treated with thermolicer following input. 10% wrasse input within 3 weeks of current stock.

Some AGD about - 19/10 AGD swabs - 16/19 positive - CT values from 23.56 - ~30.

FMA usually fallows synchronously but this year did not.

Salmosan treatment has been fairly effective - full site treated. Current numbers 1.7 Thermolicer due next Thursday. Probable gill treatment after that - H2O2 due to wrasse. Wrasse reported to be in good condition.

Case Number:	2021-0505	Site No:	FS0805	Insp:		
Date of Visit	12/11/2021	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	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		2
	Sites sharing staff and equipment	0	1	2		0
Disinfection of equipment between sites, use of footbaths etc	Yes	0				
	No	1				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:	2021-0505		Site No:	FS0805	
Date of case:	12/11/2021		Inspector(s):	[REDACTED]	
Registration/Authorisation Details					
Business/site contacts correct? (if no update site summary sheet)	N				
Site Details					
Total No facilities	12		No facilities stocked	9	
Species	SAL	WRS			
Age group	2020 Q4	Mixed			
No Fish	440,000	36,000			
Mean Fish Wt	3.75kg	80g			
Next Fallow Date (Site)	January 2022		Next Input Date (Site)	April/May 2022	
Date of last inspection: (ECI or PSI)	25/05/2021				
Mortality Information					
1. Any recent increased or atypical mortalities? (last 4 weeks).	Y				
If yes, detail:	See additional info.				
2. Any increased mortalities? (since last inspection.)	Y				
If yes, detail:	See additional info.				
3. How are mortalities disposed of?	Ensiled - on site				
If other detail:					
Treatments and Medicines					
1. Any treatments? (since last inspection)	Y				
If yes, detail:	Salmosan				
Other:					
Health status and Results of Surveillance					
1. Any disease on site? (since last inspection)	Y				
If yes, detail:	CMS, AGD				
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	CMS, AGD				
Sea lice					
1. Has the site experienced sea lice problems in the previous 4 years?	N				
If yes, detail:					
2. Have lice levels stayed below the suggested criteria for treatment in the CoGP since the last inspection?	N				
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?	Y				
4. If yes to 3, have these been reported to the Fish Health Inspectorate? If no, see comment.	Y				
5. Does the site have treatment discharge consents relevant to sea lice?	Y				
If yes, detail:	Salmosan	Slice	Alphamax		
6. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?	Y				
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)?	Y				
8. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?	N				

Escapes/Containment

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

	N
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2. Any escapes? (since last inspection)

	N
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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	12/11/2021
SITE No	FS0805	SITE NAME	Bagh Dail Nan Cean
CASE No	20210505	INSPECTOR	[REDACTED]

Remote assessment under the Aquatic Animal Health (Scotland) Regulations 2009

Notifications of mortality levels above the reporting criteria were received by the Fish Health Inspectorate (FHI) for the period of 6 September 2021 to 7 November 2021. A remote assessment was conducted by telephone to gather information in accordance with the Aquatic Animal Health (Scotland) Regulations 2009. 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 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.

At the time of the call, the mortality levels for the most recent week had reduced but were still above the reporting level. The FHI will continue to monitor mortality levels and a site inspection will be carried out if required.

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

Signed:



Date: 18/11/2021

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/>