

Case No: 2020-0184 Date of visit: 14/05/2020

Time spent on site: N/A Main Inspector:

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:

Additional Case Information:

Reported mortalities; 23/03/2020-29/03/2020, 1.23%; Yersinia and PD related mortality 7240 morts;
Antibiotic treatment finished 28th March; Site Inspected 10/3/2020 (AFH-2020-0116) diagnostic samples taken. Duty Inspector spoke to operator following the report of increased mortality and noted that mortality had reduced the following week.

20/04/2020-26/04/2020 ,1.26%; Post treatment, physical damage 7027 morts;
"Lice treatment finishes this week, the morts are expected to drop off during next week". Site Inspected 10/3/2020 (AFH-2020-0116) diagnostic samples taken. FHI to monitor mortality levels, should they remain above 1% in following week, PSI to be carried out.

27/04/2020-03/05/2020,1.58%; Increased mortality due to acute treatment losses and physical damage, recently treated sealice and CMS positive 7637 morts;
"Lice treatments finished this week, the morts should be dropping off during this week". FHI visited in March 2020, (AFH-2020-0116) diagnostic samples were taken. FHI to monitor and PSI to be carried out.

Morts for last full week; 4/5 534, 5/5 576, 6/5 327, 7/5 355, 8/5 430, 9/5 371, 10/5 296. Total 2889 - 0.6% attributed to CMS.

Current mortality around 240-300 per day but spike yesterday of 460/day/site.
Site is harvesting the large grade fish above 4 kg both live and dead haul via Mallaig.

Health team have been on site twice in the last month. Observing burst heart cavities and internal haemorrhaging. Positive test results for CMS, HSMI, PD, Yersinia, moritella. Lesions observed during FHI visit have improved.

Recent salmosan tarp treatment, No mechanical treatments planed due to CMS. Reported 60% lice clearance and average adult female lice currently 3.05. Planning a further tarp treatment.

With presence of CMS and requirement to treat lice it is thought that the mortality levels may continue to be above the 1% reporting threshold.

PSI case completed due to COVID 19 situation preventing a site inspection.

Case Number:	2020-0184	Site No:	FS0015	Insp:		
Date of Visit	14/05/2020	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	5
	Frequency of movements on from equivalent zone or compartment including third country	0	9	18	26	
	Number of suppliers	0	5	10	14	5
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		0
On farm processing within the rules of the directive	No on farm processing	0				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		
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					25	MEDIUM

Case No: Site No:

Date of case: Inspector(s):

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

Site Details

Total No facilities	<input type="text" value="12"/>	No facilities stocked	<input type="text" value="12"/>
Species	Sal	lumpfish	
Age group	2019 Q1	mixed	
No Fish	437,000	134,300	
Mean Fish Wt	3.328	mixed	
Next Fallow Date (Site)	July or August		Next Input Date (Site)
			not known

Date of last inspection: (ECI or PSI)

Any recent increased or atypical mortalities? (last 4 weeks.)

If yes, detail:

e.g. site average, max per cage

Any increased mortalities? (since last inspection.)

If yes, detail:

How are mortalities disposed of?

If other detail:

Any treatments? (since last inspection)

If yes, detail:

Other:

Any disease on site? (since last inspection)

If yes, detail:

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

Any significant results?

If yes, detail

Is there a history of sea lice issues at the site in previous 4 years

If yes, detail:

Has site been able to keep lice levels below the recommended lice levels?

If no, detail:

Treatment discharge for sea lice in place?

If yes, detail:

Where sea lice treatments have been administered have they had an effect?

If no, detail:

Is a management area agreement in place?

Does your CoGP Farm management area fallow in synchrony?

Any reported escapes? (check prior to phone call)

Any escapes? (since last inspection)

If yes, detail: (include date)

Any significant changes to your biosecurity procedures since previous visit?

Y

If yes, detail: now undertaking dead haul harvests as well as live haul

██████████
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	14/05/2020
SITE No	FS0015	SITE NAME	Loch Greshornish
INSPECTOR	██████████	CASE No	20200184

Passive Surveillance Inspection

A notification of mortality levels above the reporting criteria was received by the Fish Health Inspectorate for the period of 20 April to 3 May 2020. The inspectorate had visited the site on 10 March 2020 and diagnostic samples were taken (case 20200116).

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).

Cardio myopathy syndrome (CMS) was reported as the main issue on site. An increase in lice levels resulted in a salmosan tarpaulin treatment being carried out. This treatment combined with the CMS resulted in increased mortality. The site is currently harvesting larger fish and plan to be fallow in July or August.

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.

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Signed:



Fish Health Inspector

Date: 19/06/2020

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