

Case No: 2020-0279 Date of visit: 16/07/2020

Time spent on site: 1 hour Main Inspector: [Redacted]

Site No: FS1259 Site Name: Stulaigh
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:
[Redacted]

Additional Case Information:

More wrasse arriving on days of inspection and over next 3 weeks until they reach 2% of fish in the pen (~17,000 fish required)

All wrasse on site are wild caught

Lumpfish from hatcheries in Dorset and Anglesey which are now Mowi owned (recent purchase)

Maybe more LUM next week as they don't want to damage the gills using lice treatments

Conducted Salmosan treatments as lice number were creeping up (0.2 adult females per fish). Treatment stopped after 1.5 hours on third cage once increased mort numbers were noticed on previous 2 cages. Many more morts collected after treatment from all cages. The three cages treated with Salmosan had the highest mort numbers. Feeding stopped as a precaution. Full histo and gill samples sent for analysis at FVG. Water samples sent for analysis at Mowi. Microscopic jellyfish observed on gills and high number of toxic algae in water samples and plankton samples. Sweep net used on site everyday and analysed but no toxic algae observed. New "Van Dorn" system has been used and toxic algae are observed when using this new plankton collection method.

Gill scores increasing in mid June. Freshwater treatment used, did work to bring gills scores down.

Reportedly gill issues are common in current stock

Morts and moribund fish have reduced and appetite has increased in last few days

Case Number:	2020-0279	Site No:	FS1259	Insp:	
Date of Visit	16/07/2020	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
	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			
	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

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="14"/>
Species	<input type="text" value="SAL"/>	<input type="text" value="WRS"/>	<input type="text" value="LUM"/>
Age group	<input type="text" value="Q3 2019"/>	<input type="text" value="mixed"/>	<input type="text" value="2019"/>
No Fish	<input type="text" value="847,247"/>	<input type="text" value="4,213"/>	<input type="text" value="59,000"/>
Mean Fish Wt	<input type="text" value="2.7"/>	<input type="text" value="mixed"/>	<input type="text" value="mixed"/>
Next Fallow Date (Site)	<input type="text" value="March 2021"/>	Next Input Date (Site)	<input type="text" value="WRS on day of inspection"/>

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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[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	16/07/2020
SITE No	FS1259	SITE NAME	Stulaigh
INSPECTOR	[REDACTED]	CASE No	20200279

Passive Surveillance Inspection

A notification of mortality levels above the reporting criteria was received by the Fish Health Inspectorate for the period of 29/06/2020 to 12/07/2020.

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 increase in mortality was attributed to a toxic algae bloom, microscopic jellyfish and CMS. The mortality level in the days prior to the inspection were reduced and the appetite of the fish was increasing.

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: 22/07/2020

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