

Case No: 2020-0154 Date of visit: 17/04/2020

Time spent on site: 0 Main Inspector:

Site No: FS1076 Site Name: Setterness North (Bomlo)
Business No: FB0440 Business Name: Grieg Seafood Shetland Ltd

Case Types: 1 PSI 2 3 4 5 6

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

Observations: Region: SH Water type: S CoGP MA S-4

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:**

Reported mort events;02/03/2020 08/03/2020 3.5kg 1.41% Treatments/CMS 8165

Contacted company for further information, site was treated with the optilicer but due to underlying CMS some pens had increased mortality. Mortality rate is now reducing. FHI to monitor following weeks mortality rate. Site was inspected 3/12/19 (case 20190715) and elevated mortalities were recorded also following optilicer treatment.

09/03/2020 15/03/2020 3.5 kg 1.59% Treatments/CMS 9079

Slight increase on previous weeks mortality report. FHI to monitor following weeks mortality rate. Should mortality remain above reporting levels an inspection will be organised.

16/03/2020 22/03/2020 3.5 kg 3.43% CMS 18270

Post-treatment losses following optilicer treatment w/b 2nd March 2020. Contacted site for further information. Full scale harvest will begin next week (30/03/2020), specifically targeting pens with larger fish and where CMS is causing higher mortalities. This will be reviewed in 2-3 weeks' time by site management staff. FHI to monitor mortality levels in the coming weeks.

23/03/2020 29/03/2020 3.6kg 2.79% CMS 14387

Harvests started Contacted site manager. Harvest began yesterday. Harvests are restricted due to factory through put and COVID19 situation but plan to harvest 3-4 times a week. Mortalities still continuing from the treatments at beginning of the month and CMS (very low CT values ).

30/03/2020 05/04/2020 3.6kg 1.88% CMS 9220

Site manager contacted previously. Harvests underway. Starting 30/3/20 and planned for 3-4 times per week. Combination of CMS and harvest mortalities.

06/04/2020 12/04/2020 3.6 kg 2.8% CMS 12,816 -PSI to be conducted

Morts slightly down so far this week; 3000 for last 5 days.

Treatments since last visit; 23/2/20- 5/3/20 Optilicer , 14/12/19-22/12/19 peroxide/salmosan in wellboat, 16/4/20 salmosan tarp treatment of the Girlsta fish.

Harvesting ongoing 2-3 harvests per week, limited by COVID19 situation only allowing 10000 tonnes a load but now accepting 15000 tonnes per load. Next week 3 harvests scheduled.

Three stocks on site, Landcatch in two pens, Kames in 6 pens and Girlsta in 2 pens. Grilsta input were later stocked and are smaller average wt (2.6kg). Girlsta fish appear not to be as badly effected by CMS and it is hope these will remain on site until October. Target harvesting the Landcatch fish currently.

The 2 Girlsta pens were given a salmosan tarp treatment yesterday and it appears to have gone well with little mortalities in these pens. No mechanical treatments planned for the site due to CMS. Lice levels have been kept low with company treatment triggers of 0.8 average female.

PSI case conducted as unable to visit site due to COVID19 situation.

Case Number:	2020-0154	Site No:	FS1076	Insp:		
Date of Visit	17/04/2020	No of movements/supp./dest.			Score	
<b>Live fish movements</b>		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
<b>Exposure via water</b>	<b>Site contacts</b>	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		
<b>Management practices</b>		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				0
	Collection point for waste from other farms	5				5
Use of unpasteurised feeds	No feeding of unpasteurised feed	0				0
	Feeding unpasteurised feed	5				
<b>Biosecurity</b>	<b>Number of sites</b>	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		2
Disinfection of equipment between sites, use of footbaths etc	Yes	0				0
	No	1				
<b>CoGP/Regulator</b>						
Practices in accordance with regulator or industry code of practice	Yes	0				0
	No	3				
Platform access to cages	Yes	0				0
	No	2				
<b>Total Rank</b>					<b>24</b>	<b>MEDIUM</b>

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="10"/>
Species	<input type="text" value="SAL"/>		
Age group	<input type="text" value="2019 S1"/>		
No Fish	<input type="text" value="405,000"/>		
Mean Fish Wt	<input type="text" value="3.5kg"/>		
Next Fallow Date (Site)	<input type="text" value="October 2020"/>	Next Input Date (Site)	<input type="text" value="Jan 2021"/>

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?

N

If yes, detail:



[REDACTED]  
Grieg Seafood Shetland Ltd  
Gremista  
Lerwick  
Shetland  
ZE1 OPX  
[REDACTED]

## FISH HEALTH INSPECTORATE VISIT REPORT

### SUMMARY FOR INFORMATION OF SITE OPERATOR

<b>BUSINESS NO</b>	FB0440	<b>DATE OF CASE</b>	17/04/2020
<b>SITE NO</b>	FS1076	<b>SITE NAME</b>	Setterness North (Bomlo)
<b>INSPECTOR</b>	[REDACTED]	<b>CASE NO</b>	20200154

#### Passive Surveillance Inspection

A notifications of mortality levels above the reporting criteria were received by the Fish Health Inspectorate for the period of 2/3/20 to 12/4/20.

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 site has been suffering increased mortality levels peaking at 3.43% per week attributed to cardio myopathy syndrome. Targeted harvesting is being conducted of the pens with the highest mortality levels.

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

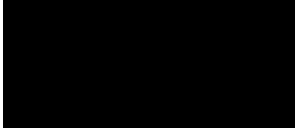
The surveillance frequency category of the site was assessed as medium. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every second year. The category of the site will be reassessed on a routine basis and updated as required.

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: 20/04/2020

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](http://www.gov.scot/Topics/marine/Fish-Shellfish/FHI/charter)