

Case No: 2023-0081 Date of visit: 11/10/2023

Time spent on site: 2.5 hrs Main Inspector: [Redacted]

Site No: FS1267 Site Name: Gometra
Business No: FB0169 Business Name: Bakkafrost Scotland

Case Types: 1 REP 2 REG 3 4 5 6

Water Temp (°C): Thermometer No: T304 FHI 045 completed

Observations: Region: ST Water type: S CoGP MA M-37

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:
Adverse weather prevented access to site

Additional Case Information:

Paperwork by [REDACTED], observed by [REDACTED]

High winds prevented access to site, paperwork completed at shorebase. Site staff were unable to undertake daily duties at site due to adverse weather. Site observed on camera's at shorebase and large swell going through site which is exposed, especially to westerly winds. Fish are fed from shorebase feeding station, they were observed shoaling well.

Site manager reported that mortalities have decreased as water temperatures have decreased, although temperatures are still reported to be over 14°C, (14.2°C was displayed by site systems at time of inspection).

Site staff controlling/monitoring feeding from shorebase reported that wrasse could be observed feeding on sea lice, where as the lumpfish didn't display the same behaviour. Bakkafrost are reported to be moving from lumpfish to wrasse for cleaner fish and these were reported to be the last batch of lumpfish that will be input to a Bakkafrost site.

The pens on the westerly side of the site were reported to be worst affected by microjellies (muggiae), although all cages suffered mortalities. From most recent health report muggiae were still being observed in the 5m and 10m trawls, although other species of micro jellyfish were now at lower levels.

Site reportedly trialed skirts to keep microjellies out of cages, these were reported to be ineffective, aeration was also used and this was reported to have a positive effect, with the numbers of microjelly fish observed in cages reportedly almost half of that outside.

WRA mortality w/b 09/10 - 13 (0.07%), w/b 02/10 - 71 (0.36%), w/b 25/09 - 255 (1.29%), w/b 09/10 - 459 (2.26%)

LUM mortality w/b 09/10 - 31 (0.11%), w/b 02/10 - 65 (0.24%), w/b 25/09 - 274 (0.99%), w/b 18/09 - 475 (1.69%)

Worst affected pen (pen 2) was harvested on 10/10/23 and the second worst affected pen (pen 14) is due to be harvested next week (W/B 16/10/23), the site manager expected the mortalities to drop below 1% after pen 14 was harvested.

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Inspector(s):

Registration/Authorisation Details

- 1. Business/site details summary checked by site representative? Y
- 2. Changes made to details? Y

Site Details (include cleaner fish for all sections)

Total No facilities	16	Facilities stocked	15	No facilities inspected	16
Species	SAL	WRA	LUM		
Age group	2022 Q3	Wild	2022		
No Fish	339,000	19,500	27,000		
Mean Fish Wt	3kg	Mixed	Mixed		
Next Fallow Date (Site)	Feb 2024		Next Input Date (Site)	Sept 2024	
Recent (last 4 wks) disease problems?			Any escapes (since last visit)?	N	
If yes, detail:					

Movement Records

- 1. Movement records available for inspection? Y
- 2. Date of last inspection: 21/06/2023
- 3. Are records complete and correctly entered? Y
- 4. Are movement records available for dead fish and waste? Y
- 5. Are records complete and correctly entered? Y
- 6. Are health certificates for introductions (outwith GB) available? N/A

Transport Records

- 1. Are any movements carried out by (or on behalf) of the business (not using a STB)?
- If yes, is there a system in place for maintenance of transportation records?

Mortality Records

- 1. Mortality records available for inspection? Y
- 2. How are mortalities disposed of? Whole fish - Dundas Chemicals
- If other detail:
- 3. Mortality records complete and correctly entered? Y
- 4. Recent mortality (last 4 wks): wk 41 (09/10 to 11/10) - 1,033 (0.30%), WK 40 - 5,824 (1.69%), WK 39 (11,580), WK 38 - 17,344 (4.63%) - Main cause of mortality gill issues attributed to jelly fish earlier in summer 2023.
- 5. Evidence of recent increased/atypical mortalities? Y
- If yes, facility nos/no mortality per facility/no stock per facility/reason:
- Mortalities across all cages on site - attributed to gill damage due to microjelly fish.
- 6. Any other peaks in mortality during period checked? Y
- If yes, detail: Refer to Mortality Event spreadsheet
- 7. Have increased (unexplained) mortalities been reported to vet or FHI? N/A
- If yes, detail action:
- 8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet. Y

Treatments and Medicines Records

1. Recent treatments (see comment)?	<input type="checkbox"/>	Y
If yes, detail:	Otpomease	
If other, detail:		
2. Medicines records available for inspection?	<input type="checkbox"/>	Y
3. Are records complete and correctly entered?	<input type="checkbox"/>	Y
4. Are fish in a withdrawal period?	<input type="checkbox"/>	N
5. If yes, what treatment(s)?		
If other, detail:		
6. Are medicines stored appropriately?	<input type="checkbox"/>	Y

Biosecurity Records

1. Biosecurity records available for inspection?	<input type="checkbox"/>
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	<input type="checkbox"/>
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any <i>increased (unexplained)</i> mortality at the site been included?	<input type="checkbox"/>
4. Has the action that will be taken in the event that the presence or suspicion of the presence of a listed disease is detected been included and <i>how</i> and <i>when</i> that will be notified to Scottish Ministers?	<input type="checkbox"/>
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	<input type="checkbox"/>
6. Have the husbandry and biosecurity measures implemented between each epidemiological unit to minimise transmission of disease been covered (movement of staff, visitors, equipment, live or dead fish etc.)?	<input type="checkbox"/>
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	<input type="checkbox"/>
8. Have the biosecurity procedures been adequately implemented on site?	<input type="checkbox"/>
If no, detail:	

Results of Surveillance

1. Has any animal health surveillance been carried out by, or on behalf of, the business?	<input type="checkbox"/>	Y
2. If yes, are results available for inspection?	<input type="checkbox"/>	Y
3. Any significant results?	<input type="checkbox"/>	Y
If yes, detail (if not detailed under recent disease problems).		

SRS lesion reported visually, mostly environmental damage to gills.

Records checked between: 21/06/23 to 11/10/23



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0169	DATE OF VISIT	11/10/2023
SITE No	FS1267	SITE NAME	Gometra
CASE No	20230081	INSPECTORS	[REDACTED]

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected following reports of mortalities above the reporting thresholds for a prolonged period. Due to adverse weather conditions the site could not be accessed. Mortality levels were monitored and fell below the reporting threshold following the visit.

Records

The information required for the public record of aquaculture production businesses regarding this site was verified and where necessary updated. The following records were also inspected to ensure that the conditions of authorisation for your Aquaculture Production Business (APB) are being met:

Aquaculture animal and aquaculture animal product movement records were inspected and appeared to be adequately maintained.

Mortality records were inspected and found to be adequately maintained.

Mortality levels had exceeded the reporting criteria since the last inspection and had been reported to the Fish Health Inspectorate as required.

Reports detailing the results of animal health surveillance carried out by or on behalf of the business and/or Marine Scotland were available for inspection.

Inspection under the Animals and Animal Products (Examination for Residues and Maximum Residue Limits) (England and Scotland) Regulations 2015

Medicine records were inspected and found to be adequately maintained.

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

Signed:

Date: 23/11/23

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Scottish Government website at [Fish Health Inspectorate Service Charter - gov.scot \(www.gov.scot\)](http://www.gov.scot/Topics/marine/science)

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