Case No: 2024-0155 Date of visit: 05/06/2024

Time spent on site: 5 hours Main Inspector: [redacted]

Site No: FS1083 Site Name: Groatay
Business No: FB0119 Business Name: Mowi Scotland Ltd

Case Types: 1 ECI 2 CNI 3 SLI 4 VMD 5 DIA 6

Water Temp (°C): 10 Thermometer No: T305 FHI 045 completed N/A

Observations: Region: WI Water type: S CoGP MA: W-11

Dead/weak/abnormally behaving fish present?	Y	If yes, see additional information/clinical score sheet.
Clinical signs of disease observed?	Y	If yes, see additional information/clinical score sheet.
Gross pathology observed?	Y	If yes, see additional information/clinical score sheet.
Diagnostic samples taken?	Y	

UNI/REG only - if unable to carry out intended visit detail reason below:

Additional Case Information:

Organic production at site.
Main causes of salmon mortalities on site at the moment are poor performers and seal predation. Mortalities due to AGD have reduced significantly since late 2023/early 2024. Main cause of mortality in lumpfish is Tenacibaculum.
Freshwater treatments (4 hour) throughout January to April on specific pens as treatment for AGD. Plan precautionary freshwater treatment for AGD in June. Hydrogen peroxide treatment on 2 pens in December. Site also stocked with lumpfish from Ocean Matters and wild caught wrasse.
Monitor for plankton and jellyfish, but have stayed below trigger levels for placing fish on starve. Small jellyfish (<1cm diameter) seen in and around pens during inspection.
Fish split down to Grey Horse Channel and Grey Horse Channel Outer during this cycle.
A few poor performers seen in pens with small grade and a couple of lethargic salmon were caught and removed. One had an extremely distended abdomen and the other several small lesions along abdomen. One feeding, healthy fish also removed for VMD sample. All three included in diagnostic sample.

Case No:	2024-0155	Site No:	FS1083
Date of Visit:	05/06/2024	Inspector(s):	[redacted]

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		14	Facilities stocked		14	No facilities inspected		14
Species	SAL	LUM	WRS					
Age group	2023 Q2	2023/24	2023/24					
No Fish	435,693	111,376	22,850					
Mean Fish Wt	2.3Kg	Adult	Adult					
Next Fallow Date (Site)		September 2024		Next Input Date (Site)		March 2025		
Recent (last 4 wks) disease problems?			N	Any escapes (since last visit)?				N
If yes, detail:								

Movement Records

1. Movement records available for inspection?	Y
2. Date of last inspection:	14/11/2023
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)?	Y
If yes, is there a system in place for maintenance of transportation records?	Y

Mortality Records

1. Mortality records available for inspection?	Y
2. How are mortalities disposed of?	Other (detail)
If other detail:	Whiteshore Cockles, rendering
3. Mortality records complete and correctly entered?	Y
4. Recent mortality (last 4 wks):	Salmon - Wk 19 (6/5/24) = 765 (0.17%), Wk 20 (13/5/24) = 574 (0.13%), Wk 21 (20/5/24) = 647 (0.15%), Wk 22 (27/2/24) = 564 (0.13%) Lumpfish - Wk 19 (6/5/24) = 126 (0.11%), Wk 20 (13/5/24) = 115 (0.10%), Wk 21 (20/5/24) = 29 (0.03%), Wk 22 (27/2/24) = 16 (0.01%) Wrasse - No observed mortality in last 4 weeks
5. Evidence of recent increased/atypical mortalities?	N
If yes, facility nos/no mortality per facility/no stock per facility/reason:	
6. Any other peaks in mortality during period checked?	N
If yes, detail:	
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)?	Y
If yes, detail:	T.M.S.
If other, detail:	
2. Medicines records available for inspection?	Y
3. Are records complete and correctly entered?	Y
4. Are fish in a withdrawal period?	Y
5. If yes, what treatment(s)?	TMS
If other, detail:	
6. Are medicines stored appropriately?	Y

Biosecurity Records

1. Biosecurity records available for inspection?	Y
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	Y
3. Has the manner and period in which the APB will notify Scottish Ministers or veterinary professional of any *increased* (*unexplained)* mortality at the site been included?	Y
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 *how* and *when* that will be notified to Scottish Ministers?	Y
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	Y
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.)?	Y
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	Y
8. Have the biosecurity procedures been adequately implemented on site?	Y
If no, detail:	

Results of Surveillance

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

Records checked between:	14/11/2023 (mortality/movement/health results), 5/10/21 (sea lice/BMP/FMS) - 5/6/2024

Case no:	2024-0155	Site No:	FS1083	Date of visit/ Sampling:	05/06/2024	05/(						
Priority samples:	VI		BA		PA		MG		HI			
Time sampling starts/ends:	13:15:00	14:00:00	Inspector:		VMD No.	11						
Environmental conditions:	1	Indoors	2		3		4		5			
Summary samples	HIST	Y	BA	Y	MG	Y	VI		PA		Total Samples	

Add Fish/Pools - click

	Pool/Fish No	F1	F2	F3									
	Fish nos	1	2	3									
	Pool Group												
Stock Details	Species	SAL	SAL	SAL									
	Average weight	0.7kg	0.7kg	2.5kg									
	Sex	N/A	N/A	N/A									
	Water Type	SW	SW	SW									
	Stock Origin	Inchmore	Inchmore	Inchmore									
	Facility No	24	24	34									

06/2024 Additional Sample Information:

3 Total Tests assigned 4

Case no: 2024-0155 Site No: FS1083 Method of killing: Percussive

Date of visit: 05/06/2024 Inspector(s): [redacted] Sheet Relevant: Y

S for strong presence: **M** for medium presence: **W** for weak presence

Fish Number		1	2	3							
Time sampled after death (if > 45 minutes)		120 mi	130 min	120 min							
External Signs											
Behaviour	Moribund										
	Lethargic	M	M								
	Hanging vertical										
	Spiralling										
	Flashing										
	Loss of equilibrium										
Body	Dark										
	Distended abdomen	S									
	Anorexic										
	Scale Oedema										
Opercula	Shortened										
	Flared										
Haemorrhaging	Throat										
	Ventrum										
	Base of fins										
	Elsewhere										
Eyes	Exophthalmic										
	Enophthalmic (sunken)										
	Cataract										
	Haemorrhagic										
Gills	Pale										
	Zoned										
	Necrotic										
Lesions	Flank										
	Elsewhere		M								
Vent	Inflamed										
	Trailing faeces										
Lice Load	Estimate numbers										
Internal Signs											
Ascites	Clear										
	Bloody										
Oedema	In tissues										
Heart	Pale/anaemic										
	Granulomas										
	Deformed										
Liver	Petechial haem										
	Gross haem										
	Tissue breakdown										
	Enlarged										
	Colour number(s)	5	2	5							
	Granulomas										
	Lesions										
Pyloric caeca	Petechial haem										
	Tubules mauve										
	Lack of fat	S									
Spleen	Enlarged										
	Granulomas										
Gut	No food present										
	Yellow pseudo-faeces		M								
	External haem										
	Internal haem										
Body wall	Haemorrhaging										
Swim bladder	Haemorrhaging										
	Fluid filled										
Kidney	Swollen										
	Grey										
	Granular										
	Liquefied										
General	Parasites present										
	Anaemia										

Case no: 2024-0155

Date of visit: 05/06/2024

S for strong presence: **M** for medium presence: **W** for w

Fish Number											
Time sampled after death (if > 45 minutes)											
External Signs											
Behaviour	**Moribund**										
	Lethargic										
	Hanging vertical										
	Spiralling										
	Flashing										
	Loss of equilibrium										
Body	**Dark**										
	Distended abdomen										
	Anorexic										
	Scale Oedema										
Opercula	**Shortened**										
	Flared										
Haemorrhaging	**Throat**										
	Ventrum										
	Base of fins										
	Elsewhere										
Eyes	**Exophthalmic**										
	Enophthalmic (sunken)										
	Cataract										
	Haemorrhagic										
Gills	**Pale**										
	Zoned										
	Necrotic										
Lesions	**Flank**										
	Elsewhere										
Vent	**Inflamed**										
	Trailing faeces										
Lice Load	**Estimate numbers**										
Internal Signs											
Ascites	**Clear**										
	Bloody										
Oedema	**In tissues**										
Heart	**Pale/anaemic**										
	Granulomas										
	Deformed										
Liver	**Petechial haem**										
	Gross haem										
	Tissue breakdown										
	Enlarged										
	Colour number(s)										
	Granulomas										
	Lesions										
Pyloric caeca	**Petechial haem**										
	Tubules mauve										
	Lack of fat										
Spleen	**Enlarged**										
	Granulomas										
Gut	**No food present**										
	Yellow pseudo-faeces										
	External haem										
	Internal haem										
Body wall	**Haemorrhaging**										
Swim bladder	**Haemorrhaging**										
	Fluid filled										
Kidney	**Swollen**										
	Grey										
	Granular										
	Liquefied										
General	**Parasites present**										
	Anaemia										

Additional comments:

Fish 1 - stomach that was extremely enlarged and filled with clear fluid. When fish was laid on sampling tray, fluid came out of mouth and spread over tray. No fluid in body cavity. Internal organs were 'mirror imaged' with liver and pyloric caeca etc on opposite side from normal.
Fish 2 - abrasion on side of head/operculum along with multiple small lesions along ventral surface. Tail very ragged.

Fish 3 - no clinical signs or gross pathology noted

Case Number:	2024-0155		Site No:	FS1083	Insp:	
Date of Visit	05/06/2024		**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			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	0
	Farm is on-line or in a coastal zone with category V farms upstream or within 1 tidal excursion	1	4	8	0

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			0
	Processing fish from MS of equivalent status	2			0
	Processing fish from zone or compartment of equivalent status	4			0
	Processing fish from Category III farm	8			0
	Processing fish from Category V farm	10			0
Disposal of fish and fish by-products	Site's own waste only processed.	0			0
	Common processes with other farms	3			3
	Collection point for waste from other farms	5			0
Use of unpasteurised feeds	No feeding of unpasteurised feed	0			0
	Feeding unpasteurised feed	5			0

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			0

CoGP/Regulator					
Practices in accordance with regulator or industry code of practice	Yes	0			0
	No	3			0
Platform access to cages	Yes	0			0
	No	2			0

Total	**20**
Rank	**MEDIUM**

Case No: 2024-0155 Site No: FS1083

Sea Lice Inspection (Seawater Sites Only)

1. Has the site experienced sea lice problems in the previous 4 years?	N
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?	Y
3. Does the site have access to a range of licenced in-feed and bath sea lice medications (including deltamethrin, azamethiphos and emamectin benzoate) as well as access to suitable biological and/or mechanical control measures, and can these be deployed in a reasonable period of time?	Y
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?	Y
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)	Y
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)	Y
7. Are sea lice (*L. salmonis*) record levels below the suggested criteria for treatment in the CoGP during the period that records are inspected? (CoGP Annex 6)	N
8. 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) during the period that records are inspected?	Y
If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.	Y
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)	N
10. Have therapeutic treatments been administered or other actions taken when *L. salmonis levels* have exceeded the suggested criteria for treatment or where *C. elongatus* is considered to have welfare implications? (CoGP 4.3.82, 5.3.51)	Y
11. Has any other action been taken (where applicable)?	Y
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?	Y
13. Are treatments, where conducted, carried out in cooperation between participating farms?	Y
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?	Y
15. Is there a site specific written lice management procedure with waypoints describing set actions to deal with recognised scenarios during the escalation of a sea lice infestation?	Y
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.	Y

Containment Inspection

1. Has the site experienced equipment damage due to predators in the current or previous production cycles?	N
2. Are measures in place to mitigate against the predation experienced on site? (Detail below)	Y
Bird nets Tensioned nets	
If other, detail below:	
3. Have escape incidents or events been experienced on or in the vicinity of the site since the last FHI inspection?	N
If Yes proceed with questions 4 – 9. If No skip to question 10	
4. Have these been reported to Scottish Ministers?	
5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	
6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17)	
7. Were methods (if any) used to recover escapees? If yes give detail	
8. If gill nets were deployed was this action agreed with local wild fish interests and was permission given by Scottish Ministers? (Legal, CoGP – 4.4.38, 5.4.18)	
9. What action was taken to prevent and minimise the risk of further escapes? (Not covered in code but could be considered under satisfactory measures of the Act)	
10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s)	Y

Case No: 2024-0155 Site No: FS1083

Date of Visit: 05/06/2024 Inspector: [redacted]

Point of Compliance

1. Is the farm under inspection located within a farm management area?	Y

If N, no further questions require completion.

Points of Compliance for Both Farm Management Agreements and Statements

2. Has a current farm management agreement or statement (FMAg/S) been prepared?	Y
3. Is the current FMAg/S available for inspection?	Y
4. Does the FMAg/S identify the relevant farm management area?	Y
5. Does the FMAg/S identify the fish farm site(s) to which it applies?	Y
6. Does the FMAg/S identify the date of commencement of the agreement or statement?	Y
7. Does the FMAg/S identify the date of review?	Y

Arrangements for Fish Health Management

8. Does the FMAg/S identify the minimum health standards for the stocks to be introduced to the area or farm?	Y
9. Does the FMAg/S identify the vaccination requirements for stocks held in the area or farm?	Y
10. Does the FMAg/S identify the species of fish which may be stocked into the area or farm?	Y
11. Does the FMAg/S identify the maximum stocking density of any pen on any farm in the area or the individual farm?	Y
12. Does the FMAg/S identify the arrangements for the storage and disposal of any dead fish from any fish farm in the area or the individual farm?	Y

Arrangements for The Management of Sea Lice

13. Does the FMAg/S identify arrangements for the sharing of data on sea lice numbers and treatments?	Y
14. Does the FMAg/S identify the availability and the use of medicines on farms covered by the agreement of statement?	Y
15. Does the FMAg/S identify any requirements for the sensitivity testing of available treatments for sea lice on farms in the area or individual farms?	Y
16. Does the FMAg/S identify the circumstances under which biological controls and cleaner fish are to be used on farms in the area or individual farms?	Y
17. Does the FMAg/S identify the arrangements for synchronous treatments on farms within the area?	Y

Live Fish Movements

18. Does the FMAg/S identify the circumstances when live fish may be introduced or removed from the area or farm?	Y
19. Does the FMAg/S identify the arrangements for the movement of live fish on and off sites in the area or individual farms?	Y

Harvesting

20. Does the FMAg/S identify acceptable harvest practices on farms in the area or individual farms?	Y

Fallowing

21. Does the FMAg/S identify the dates by which the area or individual farm will be fallow and the earliest date when a farm or area may be restocked?	Y
22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covered by the agreement or statement?	Y
23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?	Y

Point of Compliance for Farm Management Agreements Only

24. Does the farm management agreement include arrangements for persons to become, or cease to be, parties to the agreement?	N/A

Management and operation

25. Is the fish farm being managed and operated in accordance with the agreement or statement?	Y
26. What is the version no/date of issue of the FMAg/S?	23/3/23 (updated 1/4/23)

Site No: FS1083

Case No: 2024-0155

Nature of non-compliance:

Action taken (FHI):

Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology

Case No: 2024-0155 Date of visit: 05/06/2024

Site No: FS1083 Inspector:

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2nd Insp
ISA PCR	1/3	07/06/2024		07/06/2024		28/06/2024		
IPN PCR	0/3	07/06/2024		07/06/2024		28/06/2024		
PMCV PCR	0/3	07/06/2024		07/06/2024		28/06/2024		
VHS PCR	0/3	07/06/2024		07/06/2024		28/06/2024		
IHN PCR	0/3	07/06/2024		07/06/2024		28/06/2024		
SAV PCR	0/3	07/06/2024		07/06/2024		28/06/2024		
ISA sequence HPR0	1/1	11/06/2024		11/06/2024		28/06/2024		
SKIN	1/3	17/06/2024		17/06/2024		28/06/2024		
HPAT	1/3	17/06/2024		17/06/2024		28/06/2024		
VSPE (2 spp)	2/3	17/06/2024		17/06/2024		28/06/2024		

Report Summary			
Case Type	Date	Insp	2nd Insp
ECI/CNI/SLI/VMD	13/06/2024		
DIA	28/06/2024		

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO	FB0119	**DATE OF VISIT**	05/06/2024
SITE NO	FS1083	**SITE NAME**	Groatay
CASE NO	20240155	**INSPECTOR**	[redacted]

Section 1: Summary

During a routine inspection, a number of poor performing Atlantic salmon with clinical signs of diseases were observed. Two lethargic fish, along with a third for sampling for veterinary residues, were removed for further examination and diagnostic sampling.

Histopathology examination revealed one fish with ulcerative skin and one fish with mild, multifocal myocarditis. One fish displayed some cachexia.

Samples were screened for infectious salmon anaemia virus (ISAV) by QPCR as part of the surveillance program for the control of listed diseases. One sample tested positive and the sequence data confirmed the presence of ISAV HPR0, the non-pathogenic form of the virus. In relation to the ISAV HPR0 result obtained, along with the observations made on site, no further statutory action is required to be taken in this case, ISAV HPR0 not being a disease listed in The Aquatic Animal Health (Scotland) Regulations 2009.

Two *Vibrio* species were identified. The level and purity of growth would not suggest these bacteria would be present as primary pathogens overall, however, the level of growth observed would suggest an impact on the health of F2.

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

Section 2: Case Detail

Observations

During a routine inspection a small number of small, poor performing Atlantic salmon were observed in the pens holding the small grade of fish. Two lethargic fish were removed from pen 24 for further examination and diagnostic sampling. A healthy fish was also removed from pen 34 for collection of samples for veterinary residues analysis and included in the diagnostic sample.

At the time of the inspection the site was stocked with 435,396 Atlantic salmon at 2.3 kg average weight, 111,376 lumpfish and 22,850 wrasse. Mortality levels on the site were low with the main causes of mortalities in the salmon attributed to poor performers and seal predation.

F1 had an extremely distended abdomen and F2 had a number of small skin lesions along the abdomen and an abrasion on the side of the head/operculum. Internally F1 had an extremely enlarged, fluid filled stomach and no fat on the pyloric caeca. F2 had a pale liver and yellow pseudo faeces in the gut. No clinical signs or pathology were observed in F3.

Samples

R09

Samples were collected from three fish according to the table below:

Fish number	Facility number	Species	Stage	Origin
F1 & F2	24	Atlantic salmon	2023 Q2	Inchmore
F3	34	Atlantic salmon	2023 Q2	Inchmore

Results

Bacteriology: Kidney and gill material from F1-F3 and lesion material from F2 were inoculated onto appropriate media for the isolation of bacteria.

The following bacteria were isolated from fish 1 and 2

- *Vibrio* species: F1 (kidney), F2 (kidney, gill and lesion)
- *Vibrio* species: F1 (kidney), F2 (kidney and lesion)

Virology: Tissue samples were tested for segments of nucleic acid indicative of the presence of the pathogens specified below using real-time PCR (qPCR).

Infectious salmon anaemia virus (ISAV)

Fish Number	**Endogenous control Cp value**	**Cp Values**			**Reported Result (PCR)**
F1	17.34	37.62	38.29	36.94	**POSITIVE**
F2	-	-	-	-	Negative
F3	-	-	-	-	Negative

Sequencing analysis confirmed ISAV, HPR0 (non-deleted type).

The samples tested negative for infectious haematopoietic necrosis virus (IHNV), infectious pancreatic necrosis virus (IPNV), piscine myocarditis virus (PMCV), salmonid alphavirus (SAV) and viral haemorrhagic septicemia virus (VHSV).

Histology: Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from three fish. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

Gill: One lamellae with epithelium hyperplasia (F3). F1 displayed some post-mortem artefacts.

Skin & Muscle: Lesion: Absence of epidermis and dermal oedema with presence high numbers of mixed Gram-negative bacteria (F2).

Heart: Mild, multifocal myocarditis (F3).

Gut and pyloric caeca: Absence of abdominal adipose tissue (F1). Marked cell sloughing potentially associated with post-mortem artefact) (F1).

UKAS Accredited Inspection Body - Type C No. 0269
Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Tel – 0131 244 3498 Email – ms.fishhealth@gov.scot
Website - https://www.gov.scot/policies/fish-health-inspectorate/

Pancreas: Within the normal range.

Liver: Mild perivascular fibrosis (F1).

Kidney: Reduce interstitial tissue, moderate, multifocal (F3).

Spleen: Some cuffing (F3).

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

Signed: [redacted] Date: 28/06/24

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)

UKAS Accredited Inspection Body - Type C No. 0269
Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Tel – 0131 244 3498 Email – ms.fishhealth@gov.scot
Website - https://www.gov.scot/policies/fish-health-inspectorate/

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS NO	FB0119	**DATE OF VISIT**	05/06/2024
SITE NO	FS1083	**SITE NAME**	Groatay
CASE NO	20240155	**INSPECTOR**	[redacted]

Inspection under the Aquatic Animal Health (Scotland) Regulations 2009

The above site was inspected, in accordance with the Aquatic Animal Health (Scotland) Regulations 2009.

All epidemiological units were inspected. Samples were taken for diagnostic purposes. A separate report will be issued detailing the results of these tests.

Records

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.

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.

Records in relation to aquaculture animals transported by the business were inspected and found 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 Directorate were available for inspection.

The biosecurity measures plan for the site was inspected and found to be adequately maintained and implemented.

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.

Samples were taken to be analysed for veterinary residues.

UKAS Accredited Testing Body – Type C No. 0269
Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB
Tel – 0131 244 3498 Email – ms.fishhealth@gov.scot
Website - https://www.gov.scot/policies/fish-health-inspectorate/

Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007, as amended, with respect to section 3 regarding parasites (sea lice), section 4A regarding fish farm management agreements and statements and section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory with regards to parasites, fish farm management agreements and statements and containment and escapes.

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

Signed: [redacted] Date: 13/6/2024

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)

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Fish 1 and head of fish 2

Fish 1, 2 and 3

Fish 1

Fish 2