

Case No:	<input type="text" value="2022-0096"/>	Date of visit:	<input type="text" value="26/04/2022"/>			
Time spent on site:	<input type="text" value="5 hours"/>	Main Inspector:	<input type="text" value=""/>			
Site No:	<input type="text" value="FS1286"/>	Site Name:	<input type="text" value="Muck"/>			
Business No:	<input type="text" value="FB0119"/>	Business Name:	<input type="text" value="Mowi Scotland Ltd"/>			
Case Types:	1 <input type="text" value="ECI"/>	2 <input type="text" value="CNI"/>	3 <input type="text" value="SLI"/>	4 <input type="text" value="VMD"/>	5 <input type="text" value=""/>	6 <input type="text" value=""/>
Water Temp (°C):	<input type="text" value="9.25"/>	Thermometer No:	<input type="text" value="T310"/>	FHI 045 completed	<input type="text" value=""/>	
Observations:	Region:	HI	Water type:	S	CoGP MA	None
Dead/weak/abnormally behaving fish present?	<input type="text" value="N"/>	If yes, see additional information/clinical score sheet.				
Clinical signs of disease observed?	<input type="text" value="N"/>	If yes, see additional information/clinical score sheet.				
Gross pathology observed?	<input type="text" value="N"/>	If yes, see additional information/clinical score sheet.				
Diagnostic samples taken?	<input type="text" value="N"/>					

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

Additional Case Information:

Remote inspection carried out on 19/04/2022 by [REDACTED] supervised by [REDACTED]. Site inspection carried out on 26/04/2022 by [REDACTED] and [REDACTED]. VMD samples taken by [REDACTED].

Site has its own ROV for net inspections. There are regular dive checks. Seal PRO nets are to be installed for next cycle.

Fish observed all shoaling as in normal behaviour and fish sampled for VMD appeared in healthy upon closer examination both externally and internally with no signs of disease.

Site currently passive grading and harvesting almost every second day.

During inspection, 2 fish in pen 7 were seen to have possible seal damage and were caught and humanely killed.

Site currently stocked with fish moved from Cheesebay (moved onto site between 02/02/2022 - 19/03/22) due to fish welfare considerations and risk of biomass exceedance at their host site (Grey Horse Channel and Groatay). Muck was fallow for 17 days before Cheesebay fish arrived and will be fallow after Cheesebay stock are harvested in June until restocking at the end of August.

A seal was discovered in one pen on 22/10/2021, divers were called out same day and found a hole (122mm x 36mm) at a depth of 19m and repaired it. It was judged at the time that no escape or circumstances which gave rise to a significant risk of escape had occurred, therefore it was considered that the FHI was not required to be informed. Recommendations were made to review escapes reporting procedure including staff training, and a retrospective escapes notification has been submitted to the FHI.

Closing counts indicated that no escapes occurred as a result of this incident and the site now has double mesh nets on all pens along with seal blinds to aid containment.

Case No: **2022-0096** Site No: **FS1286**
 Date of Visit: **26/04/2022** 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	12	Facilities stocked	8	No facilities inspected	12
Species	SAL				
Age group	Q2 2021				
No Fish	469,360				
Mean Fish Wt	3.9kg				
Next Fallow Date (Site)	June 2022	Next Input Date (Site)	End August 2022		
Recent (last 4 wks) disease problems?		Y	Any escapes (since last visit)?		N
If yes, detail:	Pen 4 Yersinia. No increase in mortalities and feeding well				

Movement Records

- 1. Movement records available for inspection? Y
- 2. Date of last inspection: **19/10/2021**
- 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)? N
- 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? **Incinerated - on site**
- If other detail: **[REDACTED]**
- 3. Mortality records complete and correctly entered? Y
- 4. Recent mortality (last 4 wks): **Wk 12 - 880 (0.17%), Wk 13 - 897 (0.17%), Wk 14 - 367 (0.07%), Wk 15 - 529 (0.1%)**
- 5. Evidence of recent increased/atypical mortalities? N
- If yes, facility nos/no mortality per facility/no stock per facility/reason: **[REDACTED]**
- 6. Any other peaks in mortality during period checked? N
- If yes, detail: **[REDACTED]**
- 7. Have increased (unexplained) mortalities been reported to vet or FHI? N/A
- If yes, detail action: **[REDACTED]**
- 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)? T.M.S.
 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? Y
 If yes, detail (if not detailed under recent disease problems). See recent disease problems

Records checked between: 19/10/2021 - 19/04/2022

Case no: Site No: Date of visit/
Sampling:

Priority samples: VI BA PA MG HI

Time sampling starts/ends: Inspector: VMD No.

Environmental conditions: 1 2 3 4 5

Summary samples HIST BA MG VI PA Total Samples

Add Fish/Pools - click

Pool/Fish No	1	2	3	4								
Fish nos	1	2	3	4								
Pool Group												
Species	SAL	SAL	SAL	SAL								
Average weight	3.9kg	3.9kg	3.9kg	3.9kg								
Sex	N/A	N/A	N/A	N/A								
Water Type	SW	SW	SW	SW								
Stock Details		Grey Horse Channel	Grey Horse Channel	Groatay	Grey Horse Channel							
	Stock Origin											
Facility No	6	7	8	10								

04/2022 Additional Sample Information:

Total Tests assigned

Case Number:	2022-0096	Site No:	FS1286	Insp:		
Date of Visit	26/04/2022	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				
	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				
	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	0	
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					14	
Rank					LOW	

Case No: 2022-0096

Site No: FS1286

Sea Lice Inspection (Seawater Sites Only)

- | | |
|--|-----|
| 1. Has the site experienced sea lice problems in the previous 4 years? | Y |
| 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)? | N/A |
| 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 (<i>L. salmonis</i>) 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 (<i>L. salmonis</i>) 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 <i>C. elongatus</i> 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 <i>L. salmonis</i> levels have exceeded the suggested criteria for treatment or where <i>C. elongatus</i> is considered to have welfare implications? (CoGP 4.3.82, 5.3.51) | Y |
| 11. Has any other action been taken (where applicable)? | N/A |
| 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? | N/A |
| 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? | Y |
| 2. Are measures in place to mitigate against the predation experienced on site? (Detail below) | Y |

Double mesh,

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? | Y |
| If Yes proceed with questions 4 – 9. If No skip to question 10 | |
| 4. Have these been reported to Scottish Ministers? | N |
| 5. Have these been reported to local DSFB forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) | N |
| 6. Have these been reported to the SSPO and local fisheries trusts forthwith (where they exist)? (CoGP – 4.4.37, 5.4.17) | N |
| 7. Were methods (if any) used to recover escapees? If yes give detail | N |
| 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) | N/A |
| 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) | Double mesh nets installed for new cycle. |
| 10. Is the site inspected as satisfactory with regards to containment? If no, please detail reason(s) | Y |

Case No: 2022-0096

Site No: FS1286

Date of Visit: 26/04/2022

Inspector: [REDACTED]

Point of Compliance

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

N

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?

[REDACTED]

3. Is the current FMAg/S available for inspection?

[REDACTED]

4. Does the FMAg/S identify the relevant farm management area?

[REDACTED]

5. Does the FMAg/S identify the fish farm site(s) to which it applies?

[REDACTED]

6. Does the FMAg/S identify the date of commencement of the agreement or statement?

[REDACTED]

7. Does the FMAg/S identify the date of review?

[REDACTED]

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?

[REDACTED]

9. Does the FMAg/S identify the vaccination requirements for stocks held in the area or farm?

[REDACTED]

10. Does the FMAg/S identify the species of fish which may be stocked into the area or farm?

[REDACTED]

11. Does the FMAg/S identify the maximum stocking density of any pen on any farm in the area or the individual farm?

[REDACTED]

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?

[REDACTED]

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?

[REDACTED]

14. Does the FMAg/S identify the availability and the use of medicines on farms covered by the agreement of statement?

[REDACTED]

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?

[REDACTED]

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?

[REDACTED]

17. Does the FMAg/S identify the arrangements for synchronous treatments on farms within the area?

[REDACTED]

Live Fish Movements

18. Does the FMAg/S identify the circumstances when live fish may be introduced or removed from the area or farm?

[REDACTED]

19. Does the FMAg/S identify the arrangements for the movement of live fish on and off sites in the area or individual farms?

[REDACTED]

Harvesting

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

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?

22. Does the FMAg/S identify whether one or more year classes may be stocked onto sites covered by the agreement or statement?

23. Does the FMAg/S identify whether broodstock or potential broodstock are to be kept on any site covered by the agreement or statement?

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?

Management and operation

25. Is the fish farm being managed and operated in accordance with the agreement or statement?

26. What is the version no/date of issue of the FMAg/S?

Site No: FS1286
Case No: 2022-0096
Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology



FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0119	DATE OF VISIT	26/04/2022
SITE No	FS1286	SITE NAME	Muck
CASE No	20220096	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. On this occasion no samples were taken for disease analysis. The Inspector did not observe any clinical signs associated with the listed diseases as described in the Aquatic Animal Health (Scotland) Regulations 2009.

Records

The surveillance frequency category of the site was assessed as low. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted every third 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.

Mortality records were inspected and found to be adequately maintained.

No mortality levels exceeding the reporting criteria have been recorded since the last inspection.

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.

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

The following points were raised with the site representative during the inspection:

- It was noted during the inspection that on the morning of 22nd October 2021 that a hole had been repaired on one of the nets following observations of a seal being in the pen. This

incident was not reported to the Fish Health Inspectorate. This matter was discussed with the site manager and business correspondent and an initial and final escapes notification was subsequently submitted prior to the issuing of this report.

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.

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) and section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory with regards to parasites.

Given that there had been an incident of seal interaction including a breach in containment with a seal accessing a pen, the following recommendations were made

- Review escapes reporting procedure including staff training.

Please contact myself or the duty inspector should you require any assistance or clarification in implementing any requirement or recommendation detailed in this report.

Signed:



Date: 07/06/2022

Fish Health Inspector

The Fish Health Inspectorate Service Charter detailing standards of service is available on the Marine Scotland website at <https://www.gov.scot/publications/fish-health-inspectorate-service-charter/>

Case No: 2022-0154 Date of visit: 07/04/2022

Time spent on site: 2hrs Main Inspector: [Redacted]

Site No: FS1240 Site Name: Highland
Business No: FB0544 Business Name: Scotland

Case Types: 1 PPI 2 [] 3 [] 4 [] 5 [] 6 []

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

Observations: Region: HI Water type: B CoGP MA: []

- 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:

An inspection was carried out at Loch Duarts Dingwall processing facility to assess the biosecurity measures in place. The authorised processing establishment checklist was completed, which details the systems that are in place.

At present, fish are received as dead haul and delivered by tankers or in bins on lorries. The tankers arrive in the yard and park with the valve hanging over a concrete bunded area with central drains. Large pipes are connected to the tankers and attached to a transfer pipe which transfers the fish from the tanker to inside the factory where they can be processed. Fish arriving in bins are transferred into the primary processing area by an automated bin lifting apparatus into a hopper which feeds the line. There is a dedicated cleaning area for the bins that arrive on site. Both bins and tankers are cleaned and disinfected before leaving site using Saniperfect for the bins and Oxydes for the tanker. Both disinfectants have a contact time of 15-20 minutes at 1.5% and 1% respectively. All areas inside the processing area, including the area where the bin lifting apparatus is located, are bunded with central drains for the collection of any bloodwater.

All effluent water from the site is collected in floor drains and transferred via underground pipes to an underground sump. From here, the water is moved through the on-site treatment plant which is situated separately from the processing areas. The plant is fenced off and padlocked for controlled access. All wastewater from the site on arrival at the plant, first moves through a balancing tank where a polymer is injected. Solid waste is separated and collected in a holding tank before being uplifted by J C Environmental and taken for further treatment in Cumbernauld by Scottish Water. The remaining water is then passed through a BAF plant before moving through a lamellar where any remaining solids are removed from the water before it is discharged into mains sewage.

Some biosecurity measures are currently in place with capacity to implement further measures if required. Currently, all visitors must report to reception where they are signed in, given a visitor badge and escorted during their visit. Hand sanitisers are strategically placed throughout the facility and there is a changing room whereby staff and visitors must change into site-specific PPE before entering the primary processing area. PPE comprises of wellies, overalls and hair nets (these are either disposable or are cleaned/washed in the on-site laundry room after every shift. There is a hand washing station located at the entrance to the primary processing area. Currently, footbaths are not used on the site but could be deployed if required. Tankers and bins are not disinfected on arrival, but are cleaned and disinfected before they leave the site. Disinfection on arrival could be implemented if required.

Fish are machine gutted with the viscera removed automatically by a vacuum pump and are then fed through automated filleting, pin boning, skinning and scaling as required by the customer. Minimal fish handling is required with a conveyor system in operation, therefore the area is kept clean throughout the gutting process. The area is fully enclosed with floor drains feeding into the effluent treatment system.

Across the site, equipment is colour-coded to specific work areas. All by-product material inclusive of heads/frames/offcuts/offal generated from the process is collected in bins, uplifted by Pelagia and taken for further processing at their plant in Shetland. Waste transfer records are maintained for each uplift. Any ice that is used throughout the process is also collected in bins and transferred to a partially bunded melting area outside in the yard where it is covered with a tarp. This area also contains a central floor drain and the melted waste water is transferred to the treatment plant before discharge into mains sewage.

The processing area including all equipment and surfaces is cleaned and disinfected between batches of fish. Batches are defined as fish being received from different farms so cleaning and disinfection would not take place for 3 tankers arriving with fish from the same farm but would occur between 2 tankers arriving with fish from different farms.

Traceability records such as number of animals received, farm of origin, destination of product, number and destination of animals rejected, staff and visitor movements on and off site, cleaning and disinfection of vehicles and transport containers, cleaning and disinfection of personnel and equipment brought onto and off site and staff training records are all maintained. Staff are trained in food hygiene procedures but not bio-security specifically and recognition of clinical diseases of fish.

A copy of the APE checklist and photos of the site are attached to the Aquadat entry.

Case No: 2022-0154

Date of visit: 07/04/2022

Site No: FS1240

Inspector: [Redacted]

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2 nd Insp

Report Summary			
Case Type	Date	Insp	2 nd Insp
PPI	11/05/2022		

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0544	DATE OF VISIT	07/04/2022
SITE No	FS1240	SITE NAME	Highland
CASE No	20220154	INSPECTOR	██████████

PROCESSING FACILITY INSPECTION

An inspection of the above facility was made in accordance with the Aquatic Animal Health (Scotland) Regulations 2009 to assess the measures in place for the processing of fish harvested from aquaculture sites subject to control measures for bacterial kidney disease.

An inspection of all work areas was conducted. The operation of the facility was deemed satisfactory for the routine processing of fish from aquaculture sites subject to control measures for bacterial kidney disease (BKD). However, improvements would be required prior to the facility being authorised to process fish subject to disease control measures for other listed diseases as required by regulation 7 of the Aquatic Animal Health (Scotland) Regulations 2009 (the 2009 Regs).

Prior to authorisation as a processing establishment by the competent authority under the 2009 Regs, for the site to process fish subject to disease control measures (for listed diseases, other than BKD), the following areas require further investigation and improvement:

- Contingency plans to deal with a breach of the biosecurity systems at the processing establishment will need to be developed and followed.
- Procedures for the immediate notification of the Scottish Ministers in the event of a breach in biosecurity at the processing facility are not currently in place and will need to be developed and followed.
- All effluent from the processing plant must be suitably filtered and disinfected prior to discharge.
- The disinfectant used on any effluent wastewater must be effective against listed pathogens and auditable records of their use should be maintained.
- Biosecurity of vehicles entering the facility including disinfection should be implemented and auditable records of this should be maintained.
- Staff training in the recognition of clinical signs of listed diseases

Details of the process of applying for authorisation with Marine Scotland are available at:

[Aquaculture Processing Establishment \(APE\): forms and guidance - gov.scot \(www.gov.scot\)](http://www.gov.scot/Topics/aquaculture/processing/establishment).

Should Loch Duart Ltd wish to seek authorisation for the Dingwall processing facility in accordance with the Aquatic Animal Health Regulations 2009, please contact the Fish Health Inspectorate.

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

Signed:



Date: 07/06/2022

Fish Health Inspector

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