

Case No:	2022-0573	Date of visit:	23/11/2022			
Time spent on site:	6 hrs	Main Inspector:				
Site No:	FS0508	Site Name:	Kinnaird Mill Trout			
Business No:	FB0456	Business Name:	Dawnfresh Farming Ltd			
Case Types:	1 ECI	2 CNI	3 VMD	4	5	6
Water Temp (°C):	6.5	Thermometer No:	T304	FHI 045 completed		
Observations:	Region:	TA	Water type:	F	CoGP MA	
Dead/weak/abnormally behaving fish present?	<input type="checkbox"/> Y	If yes, see additional information/clinical score sheet.				
Clinical signs of disease observed?	<input type="checkbox"/> Y	If yes, see additional information/clinical score sheet.				
Gross pathology observed?	<input type="checkbox"/> N	If yes, see additional information/clinical score sheet.				
Diagnostic samples taken?	<input type="checkbox"/> N					
UNI/REG only - if unable to carry out intended visit detail reason below:						

Additional Case Information:

Accompanied and observed by [REDACTED] conducting internal FHI Audit. Site water supply for ponds and tanks has been in spate and water was silty with fish returning to feeding after spate. Fish in hatchery in good condition and supplied by borehole water which is at a constant 9oC. The odd fish in the tanks was lethargic and one had a lesion on the flank. These fish are recovering from RTFS and have been treated with Florfenicol. Vaccinating fish against ERM and Furunculosis by injection while on site. Fish were recovering from anaesthetic quickly after handling. Some moribund or sideswimming fish observed in the Nov 2021 batch of fish. Two fish from pond 3 were removed for examination and were found to have stones in the gut. This was due to having been on starve during the summer of 2022 when water temperatures were above 21oC. One moribund fish from pond 4 was removed and examined but no signs of disease were observed. The site has triple screens, bird nets and an electric fence in place to ensure containment and a disc filter to prevent issues with eye fluke. Predation from birds and otters is experienced and vermin can sometimes be observed at the site although a pest control contract is in place. Ensiled waste is disposed of at a biodigester at Turriff. There have been Florfenicol, Halamid, Cress, Formalin and TMS treatments over the year. Although procedures detail that staff have to consider the health of incoming stocks the minimum health standard was not detailed in the VHWP and was raised with site staff. 3 fish removed and sampled for residue testing. These fish were in good condition and showed no internal signs of disease.

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Inspector(s):

Registration/Authorisation Details

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

Y
Y

Site Details (include cleaner fish for all sections)

		9 Ponds, 8 Tanks, 1 Hatchery						
Total No facilities			Facilities stocked		All	No facilities inspected		All
Species	RTR	RTR	RTR	RTR	RTR	RTR		
Age group	Sep-21	Nov-21	Jan-22	Mar-22	Sep-22	Oct-22		
No Fish	35,048	220,988	87,783	236,910	145,809	270,285		
Mean Fish Wt	262g	161g	107g	43g	0.8g	0.17g		
Next Fallow Date (Site)	Fallow by unit only			Next Input Date (Site)		January 2023		
Recent (last 4 wks) disease problems?				Y	Any escapes (since last visit)?			N
If yes, detail:	RTFS in March 2022 stock with 0.85% mortality in the last four weeks.							

Movement Records

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

Y
22/10/2021
Y
Y
Y
Y

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?

N

Mortality Records

1. Mortality records available for inspection?
2. How are mortalities disposed of?
3. Mortality records complete and correctly entered?
4. Recent mortality (last 4 wks):
5. Evidence of recent increased/atypical mortalities?
6. Any other peaks in mortality during period checked?
7. Have increased (unexplained) mortalities been reported to vet or FHI?
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.

If other detail:

0.85 % in Mar 2022 stock, 1.4% in Nov 2021 stock, 6% in Sept 2022 stock

If yes, facility nos/no mortality per facility/no stock per facility/reason:

RTFS in March 2022 stock with 0.85% morts for the month, treated with florfenicol

RTFS in Sept 2021 stock in May/June 4.5K (3.3%) morts, Jan 2022 stock suffered 5K morts RTFS and 5K Whitespot morts in June

If yes, detail action:

Health check by vet and Florfenicol treatment, formalin treatment

Treatments and Medicines Records

1. Recent treatments (see comment)?		Y
If yes, detail:	Florfenicol	
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)?	Florfenicol	
	Only in March 2022 stock	
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 <i>increased (unexplained)</i> 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 <i>how</i> and <i>when</i> 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)?		N
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?		N
If no, detail:	Health of incoming stocks to be considered by staff but no detail of the minimum standard acceptable	

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).	RTFS, Whitespot and stones in gut	
Records checked between:	22/10/21 - 23/11/2022	

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												
	Fish nos	1 - 3											
	Pool Group												
Stock Details	Species	RTR											
	Average weight	262g											
	Sex												
	Water Type	FW											
	Stock Origin												
	Facility No	Pond 5											

RIM No 2219908, 2219910, 2219912

0

[illegible]

Case Number:	2022-0573	Site No:	FS0508	Insp:	
Date of Visit	23/11/2022	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
	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	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	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			
	No	2			
Total Rank					29 HIGH

Case No:

2022-0573

Site No:

FS0508

Sea Lice Inspection (Seawater Sites Only)

1. Has the site experienced sea lice problems in the previous 4 years?
2. Is the CoGP Farm Management Area (or equivalent) fallowed synchronously on a single year class basis?
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?
4. Is there a signed documented farm management agreement or statement relevant to the site and CoGP Farm Management Area (or equivalent)?
5. Are sea lice count records available for inspection? (Legal SSI, CoGP Annex 6)
6. Do records adequately reflect the required standard specified in the SSI and the CoGP? (Legal SSI, CoGP Annex 6)
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)
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?
- If yes, have these been reported to the Fish Health Inspectorate? If no, FHI see comment.
9. Is *C. elongatus* infestation at a level which is considered to cause significant welfare problems? (CoGP 4.3.81, 5.3.50)
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)
11. Has any other action been taken (where applicable)?
12. Have therapeutic treatments or the actions taken had a significant impact upon the lice levels recorded?
13. Are treatments, where conducted, carried out in cooperation between participating farms?
14. Is there a harvesting strategy for the site, where fewer populations or part populations are held without treatment for sea lice?
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?
16. Do the sea lice levels observed on stocks reflect sea lice count data? If no please detail reasons.

Containment Inspection

1. Has the site experienced equipment damage due to predators in the current or previous production cycles?
 2. Are measures in place to mitigate against the predation experienced on site? (Detail below)
- Bird nets, Electric fence Vermin control Fencing
- 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?
 - 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)

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Nature of non-compliance:
Action taken (FHI):
Non-compliance relevant to (delete): VirologyMolGen/Bacteriology/Histology/Parasitology

Inspector: [REDACTED]

[illegible]

FISH HEALTH INSPECTORATE VISIT REPORT

SUMMARY FOR INFORMATION OF SITE OPERATOR

BUSINESS No	FB0456	DATE OF VISIT	23/11/2022
SITE No	FS0508	SITE NAME	Kinnaird Mill Trout
CASE No	20220573	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 high. An inspection under the Aquatic Animal Health (Scotland) Regulations 2009 will be conducted annually. 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 inadequately maintained.

The following point was raised with the site representative during the inspection:

- AHWP did not detail the minimum health status for source of stock as part of Biosecurity Measures Plan.

Documentation demonstrating that this point had been addressed was sent to the Fish Health Inspectorate (contact details below) on 25/11/2022. This issue is now closed.

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.

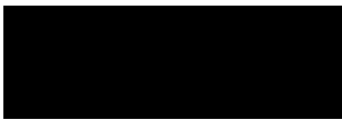
Inspection under the Aquaculture and Fisheries (Scotland) Act 2007

The site was also inspected in accordance with the Aquaculture and Fisheries (Scotland) Act 2007 with respect to section 5 regarding containment and escapes.

On this occasion the site was found to be satisfactory.

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

Signed:

A black rectangular box redacting the signature of the Fish Health Inspector.

Date: 05/12/2022

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/>