Case No:	2025-0265			Date of visit:	10/07/2025
Additional inspector(s):	[redacted]			Main Inspector:	[redacted]
Site No:	FS0427	Site Name:	Fishnish		
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd		

Case Types: 1 DIA 2 REP 3 STI 4 5 6

Water Temp (°C):	13.2	Thermometer No:	T172	FHI 045 completed	N/A

Observations: Region: ST Water type: S CoGP MA: M-35

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.
Post mortem signs 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:

Barkip Biogas - Dalry - 69/202/8002/1ABP1BIO. Collected by Billy Bowie

Wrasse mortalilty - 63% across the site since input.

WK23 - Thermolicer, WK17 - Thermolicer, WK14 - Slice, WK8 Salmosan. Lice: >2 WK28 2.64, WK27 2.2, WK26 2.08, WK22 3.1, WK17 2.15.

Health Report 03/07 - Histology and PCR taken with - presumtive SRS. Haemorrhaging on liver, granuloma, swollen kidney - noted to varying degrees.

Company latest surveillance results - 07/07 - PRV PCR 8/8 PCR

Visit conducted to inspect stock for clinical signs of bacterial kidney disease (BKD) following notification from the company of positive PCR results.

Case No: 2025-0265 Site No: FS0427

Date of Visit: 10/07/2025 Main Insp: [redacted]

Registration/Authorisation Details

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

Site Details (include cleaner fish for all sections)

Total No facilities	4	Facilities stocked	3	No facilities inspected	4		
Species	Atlantic salmon	Wrasse					
Age group	Q4 24	Wild					
No Fish	685,277	3,644					
Mean Fish Wt	1.6kg	80g					

Next Fallow Date (Site)	06/26	Next Input Date (Site)	Nov 2026
Recent (last 4 wks) disease problems?	Y	Any escapes (since last visit)?	N
If yes, detail:	positive BKD PCR - No clinical signs		

Movement Records

1. Movement records for **all species** held available for inspection?	Y
2. Date of last inspection:	28/11/2023
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. Have all introductions and imports (since last inspection) from outwith the GB health zone been recorded in the movement records?	Y

Transport Records

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

Mortality Records

1. Mortality records for **all species** held available for inspection?	Y
2. How are mortalities disposed of?	Other (detail)
If other detail:	Barkip Biogas - Collected by Billy Bowie
3. Mortality records complete and correctly entered?	Y
4. Recent mortality (last 4 wks):	WK24 - 0.08% (544) WK25 0.06% (392) WK 26 0.11% (759) WK27 0.12 (810)
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.	N/A

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?	
2. Has the manner and frequency of mortality removal, recording and safe disposal been considered?	
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?	
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?	
5. Has the health status of aquaculture animals being stocked on the farm site been covered (equal or higher health status, certification if required)?	
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.)?	
7. Is documentation available regarding the measures in place to maintain the physical containment of aquaculture animals held on site?	
8. Have the biosecurity procedures been adequately implemented on site?	
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).	
PCR for BKD	
Records checked between:	28/11/2023-10/07/2025

Case no:	2025-0265	Site No:	FS0427	Date of visit/ Sampling:	10/07/2025	10/0							
Priority samples:	VI		BA		PA		MG		HI				
Time sampling starts/ends:	11:30:00	12:00:00	Main Insp:		VMD No.	0							
Environmental conditions:	1	Indoors	2		3		4		5				
Summary samples	HIST	Y	BA	Y	MG	Y	VI		PA		Total Samples		

Add Fish/Pools - click button

	Pool/Fish No	F1											
	Fish nos	1											
	Pool Group												
Stock Details	Species	SAL											
	Average weight	1.6 Kg											
	Sex	N/A											
	Water Type	SW											
	Stock Origin	Knock											
	Facility No	2											

07/2025 Additional Sample Information:

1 Total Tests assigned 3

Case no: 2025-0265 Site No: FS0427 Method of killing: Percussive

Date of visit: 10/07/2025 Main Insp: [redacted] Sheet Relevant: Y

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

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

Case no: 2025-0265

Date of visit: 10/07/2025

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:

Some dark areas on flank of fish

Case No: 2025-0265 Date of visit: 10/07/2025

Site No: FS0427 Main Insp: [redacted]

Results Summary	Freq.	Date of Notification						
		Database	Insp	Phone	Insp	Writing	Insp	2nd Insp
BKD Renibacterium salmoninarium (PCR) - BKDP	1/1	15/07/2025	[redacted]	15/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]
AGD (Neoparamoeba perurans) (PCR) - AGDQ	0/1	15/07/2025	[redacted]	15/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]
Salmon gill poxvirus (PCR) - SPVP	0/1	15/07/2025	[redacted]	15/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]
Paranucleospora theridion (PCR) - PNST	1/1	15/07/2025	[redacted]	15/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]
ISA (real time qPCR - heart & kidney) - ISAQ	0/1	15/07/2025	[redacted]	15/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]
VHS (PCR) - VHSP	0/1	15/07/2025	[redacted]	15/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]
IPN (PCR) - IPNM	0/1	15/07/2025	[redacted]	15/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]
IHN (PCR) - IHNP	0/1	15/07/2025	[redacted]	15/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]
Kidney pathology - KPAT	1/1	22/07/2025	[redacted]	28/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]
Liver pathology - LPAT	1/1	22/07/2025	[redacted]	28/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]
Spleen pathology - SPAT	1/1	22/07/2025	[redacted]	28/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]
BKD Renibacterium salmoninarum (histo) - RSBA	1/1	22/07/2025	[redacted]	28/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]
Vibrio species (culture) - VSPE	1/1	28/07/2025	[redacted]	28/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]
MG-PMCV	0/1	15/07/2025	[redacted]	15/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]
MG-SAV	0/1	15/07/2025	[redacted]	15/07/2025	[redacted]	22/09/2026	[redacted]	[redacted]

Report Summary			
Case Type	Date	Insp	2nd Insp
STI	22/09/2026	[redacted]	[redacted]
DIA	22/09/2026	[redacted]	[redacted]
		[redacted]	[redacted]
		[redacted]	[redacted]
		[redacted]	[redacted]
		[redacted]	[redacted]
		[redacted]	[redacted]
		[redacted]	[redacted]
		[redacted]	[redacted]
		[redacted]	[redacted]
		[redacted]	[redacted]
		[redacted]	[redacted]

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Fish Health Inspectorate visit report

Summary for information of site operator

Business no:	FB0125	Date of visit:	10/07/2025
Site no:	FS0427	Site name:	Fishnish
Case no:	20250265	Inspector:	[redacted]

Section one: summary

The above site was inspected for clinical signs of bacterial kidney disease (BKD) following notification of positive PCR results for BKD from tests carried out on behalf of the business. During the inspection, one fish was observed with signs consistent with BKD and it was removed for diagnostic sampling.

Histopathology examination revealed chronic granulomatous inflammation consistent with bacterial kidney disease which was confirmed by qPCR. However, no obvious bacteria were observed in the Gram stain. Minimal heart inflammation was also observed.

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 two: case detail

Observations

The above site was visited following notification of positive PCR results for BKD. Health surveillance had been conducted with haemorrhaging on the liver, granulomas and swollen kidneys noted leading to a presumptive diagnosis of salmonid rickettsial syndrome (SRS). Due to histological observations a PCR test was also conducted for BKD.

At the time of the visit mortality had been low (0.06% - 0.12%) over the previous few weeks.

Low numbers of moribund fish were observed on site with only one able to be caught.

Externally the fish was dark in colour with slight haemorrhaging on the throat and flank. Bilateral exophthalmia was observed and the gills were pale. Internally, bloody

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Fish Health Inspectorate Website

ascites was observed and the heart was pale in colour. The spleen was enlarged and the kidney was grey and granular. Yellow pseudo-faeces was present in the gut.

Samples

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

Fish number	Pool number	Facility number	Species	Stage	Origin
1	F1	2	Atlantic salmon	1.6kg	Knock

Bacteriology:

Kidney and gill material from fish 1 was inoculated onto appropriate media for the isolation of bacteria.

Vibrio sp was identified on plates taken from gill material of fish 1. The level and purity of growth would not suggest this bacterium would be implicated in fish morbidity.

Tissue samples were tested for segments of nucleic acid indicative of the presence of bacterial kidney disease using real-time PCR (qPCR).

Fish/Pool Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	20.21	29.65	29.79	29.81	POSITIVE

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 haematopoietic necrosis virus (IHNV)
Infectious pancreatic necrosis virus (IPNV)
Infectious salmon anaemia virus (ISAV)
Salmonid alphavirus (SAV)
Viral haemorrhagic septicemia virus (VHSV)
Piscine myocarditis virus (CMS)
Salmon gill poxvirus

The samples tested negative.

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Parasitology:

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

Paranucleospora theridion

Fish/Pool Number	Endogenous control Cp value	Cp Values			Reported Result (PCR)
F1	23.62	34.62	34.53	35.00	POSITIVE

The samples tested negative for *Neoparamoeba perurans* (AGD).

Histology:

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

Histopathological examination revealed the following:

Gill: Few, scattered, individual lamellae exhibiting epithelial thickening, mild clubbing.

Skin & Muscle: within the normal range

Heart: Minor myocarditis observed at the atrium chamber. Some epicarditis.

Gut and pyloric caeca: within the normal range

Pancreas: within the normal range

Liver: Mild, multifocal, granulomatous inflammation. No obvious bacteria observed in Gram stain.

Kidney: Interstitial granulomatous inflammation, moderate, multifocal, with multinucleated cells (interstitial nephritis). No obvious bacteria observed in Gram stain.

Spleen: granulomatous inflammation, moderate, multifocal, with necrosis (splenitis). Capsulitis, marked. No obvious bacteria observed in Gram stain.

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

Signed: [redacted] Date: 22/09/2026

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 Health Inspectorate visit report

Summary for information of site operator

Business no:	FB0125	Date of visit:	10/07/2025
Site no:	FS0427	Site name:	Fishnish
Case no:	20250265	Inspector:	[redacted]

Statutory inspection

The above site was inspected following the notification by the site operator of suspicion of the presence of bacterial kidney disease (BKD). This visit was arranged to confirm or rule out the presence of clinical BKD at this site.

All epidemiological units were inspected. Signs consistent with the presence of clinical BKD were observed and samples were taken for diagnostic purposes. A separate report will be issued detailing the results of these tests.

Following the observed clinical signs of BKD and results from the diagnostic examination the initial designation notice covering the site has been replaced with a confirmed designation notice.

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

Signed: [redacted] Date: 22/09/2026

Fish Health Inspector

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R22

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