

|   |           |  |                        |                   |          |      |
|---|-----------|--|------------------------|-------------------|----------|------|
| Case No:  | 2025-0394 | Date of visit:   | 23/10/2025             |                   |          |      |
| Additional inspector(s):  |           | Main Inspector:  |                        |                   |          |      |
| Site No:  | FS1278    | Site Name:   | East of Papa Little    |                   |          |      |
| Business No:  | FB0125    | Business Name:   | Scottish Sea Farms Ltd |                   |          |      |
| Case Types:   | 1 ECI     | 2 CNI  | 3 SLI                  | 4 VMD             | 5 DIA    | 6    |
| Water Temp (°C):  | 11.9      | Thermometer No:  | T148                   | FHI 045 completed | N/A      |      |
| Observations:   | Region:   | SH   | Water type:            | S                 | CoGP MA: | S-8b |
| 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:**

Mortality levels started to increase significantly at end of last week. Fish health reports indicate the presence of AGD (low CT values and gill damage observed). Two dive teams on site during inspection to remove mortalities.

A freshwater treatment is planned to start as soon as possible on Sunday once the weather improves. The treatment boat has two wells and will be able to treat fish from two pens simultaneously. Treatment time is 8 hours so should be able to treat 4 pens per day.

The site was recently stocked with wild wrasse caught in Shetland. Creels have been placed in the pens to remove as many wrasse as possible before the planned treatment. There is an unstocked pen on the site and the wrasse will be held there temporarily. Mortality levels in wrasse since input have been low.

Sea lice treatments carried out in August (freshwater) and end September/early October (thermolicer). Thermolicer treatment reduced average female Lep count from 4.12 (week 39) to 0.87 (week 40). Average female Lep count had increased to 1.85 in week 42. During inspection approximately 40-50 fish per pen were observed with lice damage to the head area, some severe.

Five fish were removed for diagnostic sampling. All had high lice loads and evidence of sea lice damage to the head (fish 4 was severe). Fish also had evidence of poor gill health such as white patches and pale gills. Internally all had pale livers, three had yellow faecal casts and two had slightly grey kidneys.

Case No: 2025-0394

Site No: FS1278

Date of Visit: 23/10/2025

Main Insp: [REDACTED]

**Registration/Authorisation Details**

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

☐  
☐
**Site Details (include cleaner fish for all sections)**

|                                       |                                   |                        |                                 |                         |    |
|---------------------------------------|-----------------------------------|------------------------|---------------------------------|-------------------------|----|
| Total No facilities                   | 10                                | Facilities stocked     | 9                               | No facilities inspected | 10 |
| Species                               | Atlantic salmon                   | Wrasse                 |                                 |                         |    |
| Age group                             | 2025 S1                           | 2025                   |                                 |                         |    |
| No Fish                               | 300,243                           | 12,508                 |                                 |                         |    |
| Mean Fish Wt                          | 1.95Kg                            | Adult                  |                                 |                         |    |
| Next Fallow Date (Site)               | June 2026                         | Next Input Date (Site) | October 2026                    |                         |    |
| Recent (last 4 wks) disease problems? |                                   | Y                      | Any escapes (since last visit)? |                         | N  |
| If yes, detail:                       | AGD and environmental gill insult |                        |                                 |                         |    |

**Movement Records**

1. Movement records for **all species** held available for inspection? ☐ Y
2. Date of last inspection: 21/07/2025
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? ☐ N/A

**Transport Records**

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

**Mortality Records**

1. Mortality records for **all species** held available for inspection? ☐ Y
2. How are mortalities disposed of? Other (detail)
- If other detail: Whole fish sent to Pelagia
3. Mortality records complete and correctly entered? ☐ Y
4. Recent mortality (last 4 wks): w/b 22/9 - 589 (0.19%), w/b 29/9 - 1,015 (0.32%), w/b 6/10 - 691 (0.22%), w/b 13/10 - 7,008 (2.22%), w/b 20/10 (3 days) - 11,124 (3.6%)
5. Evidence of recent increased/atypical mortalities? ☐ Y
- If yes, facility nos/no mortality per facility/no stock per facility/reason:
- Elevated mortalities across all cages
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)?

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).

PRV also identified in fish sampled.

Records checked between:

21/07/2025 - 23/10/2025

Case no:

2025-0394

Site No:

FS1278

Date of visit/  
Sampling:

23/10/2025

23/

Priority samples:

VI

BA

PA

MG

HI

Time sampling  
starts/ends:

11:45:00

12:30:00

Main Insp:

VMD No.

0

Environmental conditions:

1Indoors

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                             | F2                             | F3                             | F4                             | F5                             |  |  |  |  |  |  |  |
|               | Fish nos       | 1                              | 2                              | 3                              | 4                              | 5                              |  |  |  |  |  |  |  |
|               | Pool Group     |                                |                                |                                |                                |                                |  |  |  |  |  |  |  |
| Stock Details | Species        | SAL                            | SAL                            | SAL                            | SAL                            | SAL                            |  |  |  |  |  |  |  |
|               | Average weight | 1.0000                         | 1.5000                         | 1.5000                         | 1.5000                         | 1.5000                         |  |  |  |  |  |  |  |
|               | Sex            | N/A                            | N/A                            | N/A                            | N/A                            | N/A                            |  |  |  |  |  |  |  |
|               | Water Type     | SW                             | SW                             | SW                             | SW                             | SW                             |  |  |  |  |  |  |  |
|               | Stock Origin   | Barcaldine Smolt Unit (FS1328) | Barcaldine Smolt Unit (FS1328) | Barcaldine Smolt Unit (FS1328) | Barcaldine Smolt Unit (FS1328) | Barcaldine Smolt Unit (FS1328) |  |  |  |  |  |  |  |
|               | Facility No    | 6                              | 6                              | 6                              | 6                              | 6                              |  |  |  |  |  |  |  |

**10/2025** Additional Sample Information:

|  |
|--|
|  |
|--|

5

Total Tests assigned

2

[illegible]

|                |            |            |        |                    |            |
|----------------|------------|------------|--------|--------------------|------------|
| Case no:       | 2025-0394  | Site No:   | FS1278 | Method of killing: | Percussive |
| Date of visit: | 23/10/2025 | Main Insp: |        | Sheet Relevant:    | Y          |

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

| Fish Number                                |                       | 1  | 2  | 3  | 4  | 5   |  |  |  |  |  |  |  |  |
|--|-----------------------|----|----|----|----|-----|--|--|--|--|--|--|--|--|
| Time sampled after death (if > 45 minutes) |                       | 60 | 70 | 80 | 90 | 100 |  |  |  |  |  |  |  |  |
| External Signs                             |                       |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Behaviour                                  | Moribund              |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Lethargic             | M  | M  | M  | M  | M   |  |  |  |  |  |  |  |  |
|  | 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                  |    | M  | M  |    |     |  |  |  |  |  |  |  |  |
|  | Zoned                 |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Necrotic              |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Lesions                                    | Flank                 |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Elsewhere             |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Vent                                       | Inflamed              |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Trailing faeces       |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Lice Load                                  | Estimate numbers      |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Internal Signs                             |                       |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Ascites                                    | Clear                 |    |    |    |    | W   |  |  |  |  |  |  |  |  |
|  | Bloody                |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Oedema                                     | In tissues            |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Heart                                      | Pale/anaemic          |    |    | W  |    |     |  |  |  |  |  |  |  |  |
|  | Granulomas            |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Deformed              |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Liver                                      | Petechial haem        |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Gross haem            |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Tissue breakdown      |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Enlarged              |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Colour number(s)      | 3  | 2  | 2  | 3  | 2   |  |  |  |  |  |  |  |  |
|  | Granulomas            |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Lesions               |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Pyloric caeca                              | Petechial haem        |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Tubules mauve         |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Lack of fat           |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Spleen                                     | Enlarged              |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Granulomas            |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Gut  | No food present       |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Yellow pseudo-faeces  |    | M  | M  |    | M   |  |  |  |  |  |  |  |  |
|  | External haem         |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Internal haem         |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Body wall                                  | Haemorrhaging         |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Swim bladder                               | Haemorrhaging         |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Fluid filled          |    |    |    |    |     |  |  |  |  |  |  |  |  |
| Kidney                                     | Swollen               |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Grey                  |    |    | W  | W  |     |  |  |  |  |  |  |  |  |
|  | Granular              |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Liquefied             |    |    |    |    |     |  |  |  |  |  |  |  |  |
| General                                    | Parasites present     |    |    |    |    |     |  |  |  |  |  |  |  |  |
|  | Anaemia               |    |    |    |    |     |  |  |  |  |  |  |  |  |

Date of visit: 23/10/2025

**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              |  |  |  |  |  |  |  |  |  |
|  | 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:

All fish had lice damage on head and high lice loads.

Fish 1, 3 & 5 had white patches on gills

Fish 2 & 3 had pale gills

|  |   |                             |        |            |           |               |
|--|---|-----------------------------|--------|------------|-----------|---------------|
| Case Number:   | 2025-0394   | Site No:                    | FS1278 | Main Insp: |           |               |
| Date of Visit  | 23/10/2025  | No of movements/supp./dest. |        |            | Score     |               |
| <b>Live fish movements</b>   |   | 0                           | 1-5    | 6-10       | >10       |               |
| Movements on (from out with GB) of susceptible species                         | Frequency of movements on from British Islands (non-GB).  | 0                           | 5      | 10         | 14        | 0             |
|  | Frequency of movements on from a 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             |
| <b>Exposure via water</b>  | <b>Site contacts</b>  | 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             |
| <b>Management practices</b>  |   | 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             |
| <b>Biosecurity</b>   | <b>Number of sites</b>  | 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             |
| <b>CoGP/Regulator</b>  |   |                             |        |            |           |               |
| 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             |
| <b>Total Rank</b>  |   |                             |        |            | <b>20</b> | <b>MEDIUM</b> |

Case No:

2025-0394

Site No:

FS1278

**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 weekly average adult female sea lice counts at or above the intervention level been reported accurately?   
If no, please detail in additional information.
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)
- |          |                |  |  |  |  |
|----------|----------------|--|--|--|--|
| Top 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?   
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)

Case No: 2025-0394

Site No: FS1278

Date of Visit: 23/10/2025

Main Insp: [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?

**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?

Case No: 2025-0394

Date of visit: 23/10/2025

Site No: FS1278

Main Insp:

| Results Summary                      | Freq. | Date of Notification |      |            |      |            |      |                      |
|--------------------------------------|-------|----------------------|------|------------|------|------------|------|----------------------|
|                                      |       | Database             | Insp | Phone      | Insp | Writing    | Insp | 2 <sup>nd</sup> Insp |
| AGD PCR                              | 5/5   | 28/10/2025           |      | 28/10/2025 |      | 13/11/2025 |      |                      |
| SGPV PCR                             | 4/5   | 28/10/2025           |      | 28/10/2025 |      | 13/11/2025 |      |                      |
| PNST PCR                             | 5/5   | 28/10/2025           |      | 28/10/2025 |      | 13/11/2025 |      |                      |
| IHN PCR                              | 0/5   | 28/10/2025           |      | 28/10/2025 |      | 13/11/2025 |      |                      |
| VHS PCR                              | 0/5   | 28/10/2025           |      | 28/10/2025 |      | 13/11/2025 |      |                      |
| ISA PCR                              | 0/5   | 28/10/2025           |      | 28/10/2025 |      | 13/11/2025 |      |                      |
| IPN PCR                              | 0/5   | 28/10/2025           |      | 28/10/2025 |      | 13/11/2025 |      |                      |
| SAV PCR                              | 0/5   | 28/10/2025           |      | 28/10/2025 |      | 13/11/2025 |      |                      |
| CMS PCR                              | 0/5   | 28/10/2025           |      | 28/10/2025 |      | 13/11/2025 |      |                      |
| Bacteriology - no significant growth | 5/5   | 04/11/2025           |      | 10/11/2025 |      | 13/11/2025 |      |                      |
| AMGD                                 | 1/5   | 07/11/2025           |      | 10/11/2025 |      | 13/11/2025 |      |                      |
| CGDH                                 | 5/5   | 07/11/2025           |      | 10/11/2025 |      | 13/11/2025 |      |                      |
| GPAT                                 | 5/5   | 07/11/2025           |      | 10/11/2025 |      | 13/11/2025 |      |                      |
| SPAT                                 | 2/5   | 07/11/2025           |      | 10/11/2025 |      | 13/11/2025 |      |                      |
| KPAT                                 | 1/5   | 07/11/2025           |      | 10/11/2025 |      | 13/11/2025 |      |                      |
| LPAT                                 | 2/5   | 07/11/2025           |      | 10/11/2025 |      | 13/11/2025 |      |                      |
| MPAT                                 | 1/5   | 07/11/2025           |      | 10/11/2025 |      | 13/11/2025 |      |                      |
| ADHE                                 | 3/5   | 07/11/2025           |      | 10/11/2025 |      | 13/11/2025 |      |                      |
|                                      |       |                      |      |            |      |            |      |                      |
|                                      |       |                      |      |            |      |            |      |                      |
|                                      |       |                      |      |            |      |            |      |                      |
|                                      |       |                      |      |            |      |            |      |                      |
|                                      |       |                      |      |            |      |            |      |                      |
|                                      |       |                      |      |            |      |            |      |                      |
|                                      |       |                      |      |            |      |            |      |                      |

| Report Summary |            |      |                      |
|----------------|------------|------|----------------------|
| Case Type      | Date       | Insp | 2 <sup>nd</sup> Insp |
| ECI, CNI, SLI  | 04/11/2025 |      |                      |
| DIA            | 13/11/2025 |      |                      |
|                |            |      |                      |
|                |            |      |                      |
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|                |            |      |                      |
|                |            |      |                      |

# Fish Health Inspectorate visit report

## Summary for information of site operator

|              |          |                |                     |
|--------------|----------|----------------|---------------------|
| Business no: | FB0125   | Date of visit: | 23/10/2025          |
| Site no:     | FS1278   | Site name:     | East of Papa Little |
| Case no:     | 20250394 | Inspector:     |                     |

## 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.

R25

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.

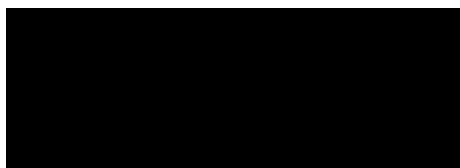
## **Inspection under the Aquaculture and Fisheries (Scotland) Act 2007**

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:



Date: 04/11/2025

Fish Health Inspector

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

R25



# Fish Health Inspectorate visit report

## Summary for information of site operator

|              |          |                |                     |
|--------------|----------|----------------|---------------------|
| Business no: | FB0125   | Date of visit: | 23/10/2025          |
| Site no:     | FS1278   | Site name:     | East of Papa Little |
| Case no:     | 20250394 | Inspector:     | ██████████          |

## Section one: summary

During a routine inspection, a number of lethargic fish were observed across all pens. Five fish were removed for further examination and subsequent diagnostic sampling.

Histopathological examination revealed mild gill pathology characterized by hyperplasia. Some lesions exhibited features consistent with amoebic gill disease (AGD) and gill samples tested by qPCR were positive for *Neoparamoeba perurans*, the causative agent of AGD. Hepatic necrosis, splenic degeneration and renal necrosis were also observed. Additionally, one fish displayed mild myositis resembling viral infections. F4 displayed a focal area with degeneration of the compact layer musculature.

Gill samples tested by qPCR were positive for the gill related pathogens *Paranucleospora theridion* and salmon gill poxvirus (SGPV).

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

Mortality levels at the site had been very low until week 42 when they had risen to 2.22% (7,008). A routine inspection was conducted in week 43 and the mortality level for the three days prior to the inspection was 3.6% (11,124). The cause of the mortalities was attributed to AGD and an environmental gill insult. A freshwater treatment was planned to start within the next few days.

On inspection of the stock approximately 40-50 fish were observed in each pen with sea lice damage to the head, some of which was severe. Some of these fish were lethargic and five were removed for diagnostic sampling.

R09

Externally, all of the fish had high sea lice loads and evidence of sea lice damage to the head. F1, F3 and F5 had white patches on their gills, F2 and F3 had pale gills.

Internally, all fish had pale livers, F2, F3 and F5 had yellow pseudo faeces in the gut, F3 and F4 had slightly grey kidneys, F3 had a pale heart and F5 had clear ascites in the abdomen.

## Samples

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

| Fish number | Facility number | Species         | Stage                   | Origin                         |
|-------------|-----------------|-----------------|-------------------------|--------------------------------|
| F1-F5       | Pen 6           | Atlantic salmon | 2025 S1 at 1kg to 1.5kg | Barcaldine Smolt Unit (FS1328) |

## Results

### Bacteriology:

Kidney and gill material from F1-F5 were inoculated onto appropriate media for the isolation of bacteria.

No significant bacteria were isolated.

### Virology:

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

#### Salmon gill poxvirus (SGPV)

| Fish Number | Endogenous control Cp value | Cp Values |       |       | Reported Result (PCR) |
|-------------|-----------------------------|-----------|-------|-------|-----------------------|
| F1          | 21.80                       | 27.26     | 27.18 | 27.39 | <b>POSITIVE</b>       |
| F2          | 21.86                       | 37.81     | 37.14 | 37.19 | <b>POSITIVE</b>       |
| F3          | 21.57                       | 33.70     | 33.38 | 32.90 | <b>POSITIVE</b>       |
| F4          | -                           | -         | -     | -     | Negative              |
| F5          | 21.71                       | 36.59     | 35.62 | 35.30 | <b>POSITIVE</b>       |

R09

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

### Parasitology:

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

#### *Neoparamoeba perurans* (AGD)

| Fish Number | Endogenous control Cp value | Cp Values |       |       | Reported Result (PCR) |
|-------------|-----------------------------|-----------|-------|-------|-----------------------|
| F1          | 21.80                       | 24.69     | 24.69 | 24.63 | POSITIVE              |
| F2          | 21.86                       | 29.84     | 29.89 | 29.82 | POSITIVE              |
| F3          | 21.57                       | 32.51     | 32.56 | 32.35 | POSITIVE              |
| F4          | 21.95                       | 30.75     | 30.75 | 30.64 | POSITIVE              |
| F5          | 21.71                       | 32.91     | 33.13 | 32.97 | POSITIVE              |

#### *Paranucleospora theridion*

| Fish Number | Endogenous control Cp value | Cp Values |       |       | Reported Result (PCR) |
|-------------|-----------------------------|-----------|-------|-------|-----------------------|
| F1          | 21.80                       | 26.16     | 26.06 | 26.17 | POSITIVE              |
| F2          | 21.86                       | 32.83     | 32.75 | 32.77 | POSITIVE              |
| F3          | 21.57                       | 30.18     | 30.08 | 29.96 | POSITIVE              |
| F4          | 21.95                       | 34.40     | 34.26 | 34.27 | POSITIVE              |
| F5          | 21.71                       | 33.88     | 33.80 | 33.88 | POSITIVE              |

### Histology:

Tissue samples of gill, skin and skeletal muscle, heart, pyloric caeca, pancreas, hind gut, liver, spleen and kidney were taken from F1-F5. The tissue samples were fixed in 10% neutral buffered formalin.

Histopathological examination revealed the following:

Gill: Filament branchitis (F3), lamellar hyperplasia, multifocal, mild (F1, F3) and F3 displayed filament bluntness. Presence of few amoeboid cells resembling *Neoparamoeba perurans* observed in F3. Aneurysmal dilations and telangiectasias

R09

observed (F2, F3, F4, F5) and lamellar congestion (F2). Some post-mortem artefacts (F5).

Skin & Muscle: Cellular inflammation and musculature degeneration, mild, multifocal (F2).

Heart: Myocarditis, minor, multifocal (F1, F2) and F4 displayed minor cellular inflammation at the compact-spongy layer junction, few thrombi (F2, F3, F5). Epicarditis, mild (F1-F5).

Gut and pyloric caeca: Peritonitis, mild (F1, F2, F3). Some cell sloughing (potentially associated with post-mortem artefact) (F1, F3, F5).

Pancreas: No abnormalities detected.

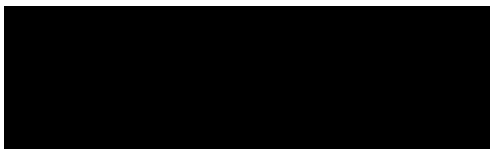
Liver: Hepatocellular necrosis, mild, multifocal (F2, F5), coalescence (F2). Minor vasculitis observed in F2, F5.

Kidney: Interstitial cell (haemopoietic) necrosis, mild, multifocal (F4).

Spleen: Parenchymal necrosis, mild, multifocal (F1). F3 displayed two small areas of fatty degeneration and some surrounding oedema. F4 slightly congested.

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

Signed:



Date: 13/11/2025

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 \(www.gov.scot\)](https://www.gov.scot/publications/fish-health-inspectorate-service-charter/pages/1_to_4.aspx)

R09





Fish 1-3



Fish 4-5





Fish 1

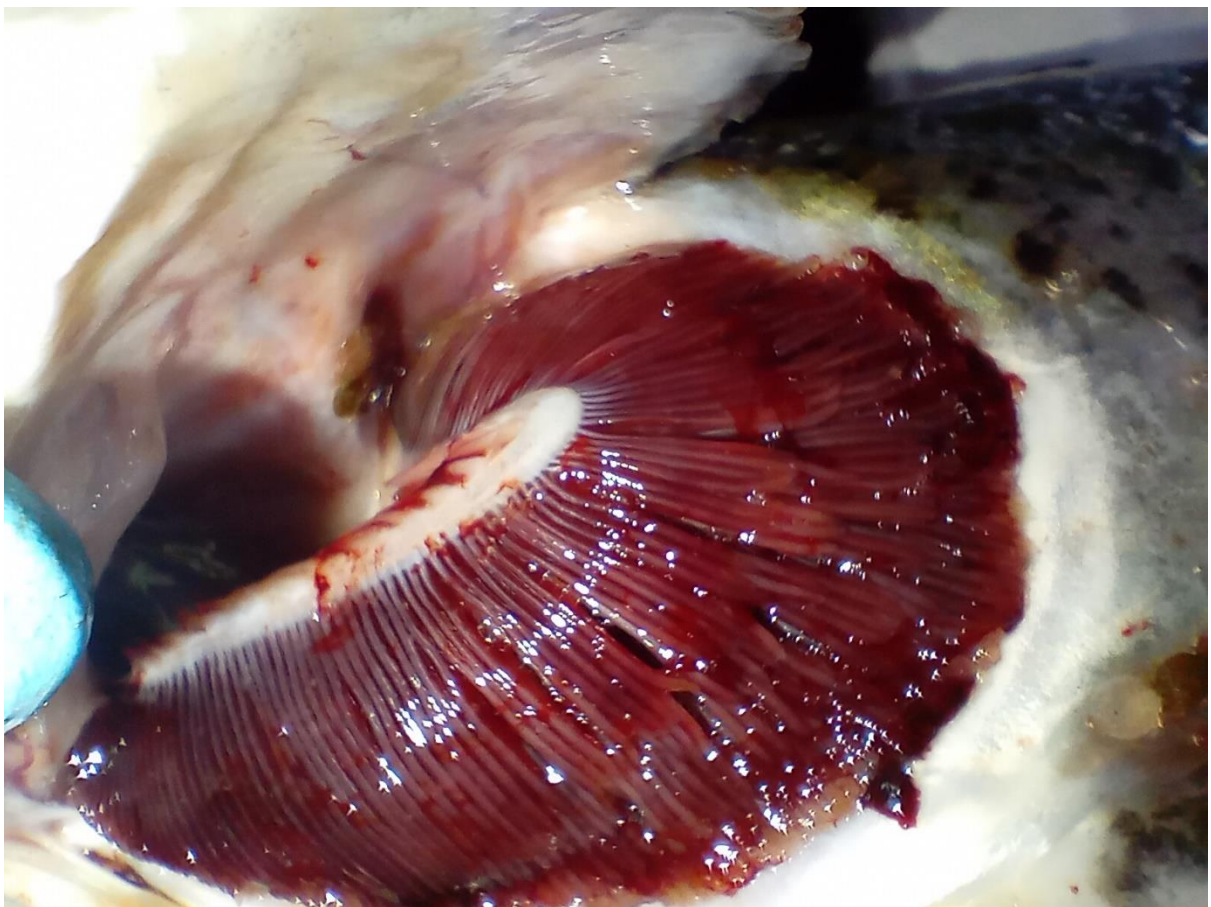


Fish 2





Fish 3



Fish 4





Fish 5



Fish 1





Fish 2



Fish 3





Fish 4



Fish 5