

## Casing Where Diseased Scottish Salmon Head After They Die

- Data from the Scottish Government's Fish Health Inspectorate (March 2021)



Read more via [Revealed: Burned, Buried & Ensiled Scottish Salmon](#)

In summary, here are the waste disposal routes for Scottish farmed salmon mortalities (data sourced from ‘Case Information’ as [published by the Scottish Government’s Fish Health Inspectorate](#) for salmon farm inspections between September 2019 and December 2020) headed by Dundas Chemicals, ensiling, incineration, Biogas Energen, Whiteshore Cockles and TWMA Shetland\*:

Disposal Method/Location	# of cases cited
Dundas Chemicals	43
Ensiled (on site)	39
Incinerator on site or at other farm location	33
Biogas Energen Cumbernauld (Deerdykes)	28
Whiteshore Cockles (Uist)	27
TWMA Shetland	19
Shetland Waste to Energy (incinerated)	8
Keenan Recycling (Aberdeenshire)	7
Gask Biogas (Turriff)	6
Gray Composting (Aberdeenshire)	4
SSF yard at Twatt (Orkney) for incineration	4
Pelagia Bressay Shetland	4
SSE Barkip	3
Hazco (Grangemouth)	3
Scottish Water Horizons Cumbernauld	2
Buried on site with permission from SEPA	2
Anglo Scottish Biosolids (Falkirk)	2
DK Waste (composting) South of England	2
Landfill (unspecified)	1
Incinerated on Bressay	1
Domestic waste	1
WI-IWM (Creed in Stornoway)	1
Frozen on site	1
Norwegian boat with on-board ensiler transported to Denmark for biofuel	1

\* Note that 242 waste disposal routes were cited out of 220 cases (some cases indicated multiple waste disposal routes depending on the quantities of morts)

Buried in 'Case Information' [published by the Scottish Government's Fish Health Inspectorate](#) there are nuggets of information detailing where farmed salmon (known in the trade as 'morts') head after they die.

The screenshot shows the Scottish Government website header with the logo and navigation menu. The main content area is titled 'COLLECTION Publication of Fish Health Inspectorate Information'. Below the title, it specifies the Directorate as 'Marine Scotland Directorate' and the part as 'Marine and fisheries'. A description states: 'Case information (relating to FHI inspections and visits), sea lice information relating to reports and counts from farmed fish and information concerning fish farm mortalities.' A link is provided for older information: 'Older (2013-17) FHI published information can be found in [our archive](#).' A list of links follows:

- [Fish Health Inspectorate: historical additional case information](#)
- [Fish Health Inspectorate case information: 2020](#)
- [Fish Health Inspectorate case information 2019](#)
- [Fish Health Inspectorate case information 2018](#)

Some cases (e.g. Mowi's Soay salmon farm in West Loch Tarbert on Harris in May 2020) detail two options:

How are mortalities disposed of?	Ensiled - on site
If other detail:	White shore cockles if too many morts for ensiler

Mowi's Eilean Grianain salmon farm at Carradale in Kilbrannan Sound in April 2020 also detailed two options:

How are mortalities disposed of?	Brogas - Energen, Cumbernauld
If other detail:	Ensiled on site

Mowi's North Shore salmon farm in Loch Erisort in February 2020 detailed:

2. How are mortalities disposed of?	Ensiled - on site
If other detail:	Ensiled waste taken by Fergusons, some waste also taken to White Shore cockles

Mowi's Loch Arkaig salmon farm in February 2020 detailed:

Waste incinerated on site unless the incinerator cannot cope with the capacity. Surplus waste is taken away by Billy Bowie and taken to Dundas Chemicals.

Swarta Skerry salmon farm (Scottish Sea Farms) in Shetland reported in February 2020:

Morts disposed of by Pelagia Shetland Ltd. Allowed to use Waste to Energy incinerator in Lerwick if less than 1 tonne/week.

Wyre salmon farm (Scottish Sea Farms) on Orkney reported in January 2020:

Mortalities transferred to the SSF yard in Twatt and put in bulk container for uplift, BMP states that morts are taken to shorebase for incineration.

Cooke Aquaculture's Loch Garasdale salmon farm reported in January 2020:

Morts are ensiled on site and collected by Hazco for disposal. Collected once a year when site is fallow. Stored in IBCs. Pumped out of IBCs and into a tanker.

Grieg Seafood's Corlarach salmon farm in Loch Dunvegan reported in July 2020:

**How are mortalities disposed of?**  
If other detail: **Whole fish - Anglo Scottish Biosolids - Falkirk**

Highland Salmon Company at Wester Fearn reported in September 2020:

**Permission granted from SEPA to bury mortalities on site.**

Loch Duart's Duartmore salmon farm reported in September 2020:

Dead fish waste taken to Badcall prior to being transported to Gray Composting. Fish waste movements to Badcall recorded in site diary.

**Mortality Records**

1. Mortality records available for inspection?		<input type="checkbox"/>
2. How are mortalities disposed of?	Other (detail)	
If other detail:	Whole fish - Gray Composting (Aberdeenshire)	

Kames Fish Farming's salmon farm in Loch Tralaig reported in September 2020:

Mortalities are removed from site in bins and transferred to the shore base at Kilmelford for ensiling. Morts are normally immediately transferred to the ensiling system but there was a breakdown in the system recently resulting in bins being stored until it was fixed. Waste transfer record for last batch of ensiled waste checked - removed by Ferguson's Transport to Energen biogas on 6 August 2020.

**Mortality Records**

1. Mortality records available for inspection?		<input type="checkbox"/>
2. How are mortalities disposed of?	Other (detail)	
If other detail:	Ensiled at Kilmelford shore base.	

Scottish Sea Farms report in September 2020 for their Bight of Bellister salmon farm on Shetland:

**Incinerated on Bressay**

Mowi's Sconser Quarry salmon farm reported in November 2020:

2. How are mortalities disposed of? **Biogas - Energen, Cumbernauld**  
If other detail: **Also to Scottish Water Horizons, Cumbernauld**

Scottish Sea Farms reported for Kerrera B salmon farm in November 2020:

**All mortality currently incinerated. Ensiler can be used if mortality is increased.**

The Scottish Salmon Company's salmon farm at Plocrapol reported in November 2020:

**Collected at a common skip at the shorebase then taken to White shore cockles.**

Hebridean Smolts reported in November 2020 for their Mingarry Hatchery:

Very little mortality observed on site so disposed of in domestic waste <25kg. In the event of a mass mortality or cull, fish waste would be disposed of by White Shore Cockles.

Cooke Aquaculture's Chalmers Hope salmon farm reported in November 2020:

**Biogas (Keenan Recycling), Gask Biogas may also be used**

Millburn Salmon Hatchery reported in December 2020:

**Mortalities taken to Cooke shorebase at Lyness (Hoy) for storage prior to disposal at Keenan Recycling,**

Starting in chronological order (latest first) with ['Case Information' for 2020](#):

**December 2020:**



[Cases 20200379-20200477](#)

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Case No:	<b>2020-0379</b>	Date of visit:	<b>09/12/2020</b>
Time spent on site:	<b>6 Hrs</b>	Main Inspector:	<b>[REDACTED]</b>
Site No:	<b>FS0767</b>	Site Name:	<b>Tarbert South</b>
Business No:	<b>FB0169</b>	Business Name:	<b>The Scottish Salmon Company</b>
<b>Mortality Records</b>			
1. Mortality records available for inspection?			<b>Y</b>
2. How are mortalities disposed of?	<b>Whole fish - Dundas Chemicals</b>		

Case No: 2020-0526 Date of visit: 01/12/2020

Time spent on site: 30 min Main Inspector: [REDACTED]

Site No: FS0274 Site Name: Millburn  
 Business No: FB0137 Business Name: Millburn Salmon Hatchery

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of? Other (detail)

If other detail: Mortalities taken to Cooke shorebase at Lyness (Hoy) for storage prior to disposal at Keenan Recycling,

Case No: 2020-0527 Date of visit: 02/12/2020

Time spent on site: 1.5 Hrs Main Inspector: [REDACTED]

Site No: FS1080 Site Name: Bay of Cleat (North)  
 Business No: FB0095 Business Name: Cooke Aquaculture Scotland Ltd

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of? Other (detail)

If other detail: Biogas (Keenan Recycling), Gask Biogas may also be used.

Case No: 2020-0528 Date of visit: 02/12/2020

Time spent on site: 1.5 Hrs Main Inspector: [REDACTED]

Site No: FS1210 Site Name: Vestness  
 Business No: FB0095 Business Name: Cooke Aquaculture Scotland Ltd

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of? Other (detail)

If other detail: Biogas (Keenan Recycling), Gask Biogas may also be used.

Case No: 2020-0532 Date of visit: 01/12/2020

Time spent on site: 4h Main Inspector: [REDACTED]

Site No: FS0590 Site Name: Glenan Bay  
 Business No: FB0169 Business Name: The Scottish Salmon Company

Mortalities: week 33 6840 (1.7%) week 38 4589 (1.19), week 39 4392 (1.15%), week 40 5413 (1.44%) week 41 10071 (2.71%), week 42 (20109 (5.57%) week 43 13566 (3.98%) week 44 10939 3.34%) week 45 4345 (1.37%) week 46 (458 (0.15%), week 47 496 (0.16%) week 48 524 (0.17%)

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of? Whole fish - Dundas Chemicals

Case No: 2020-0533 Date of visit: 07/12/2020

Time spent on site: 3 hours Main Inspector: [REDACTED]

Site No: FS1322 Site Name: Barcaldine Hatchery Incubation 2  
 Business No: FB0125 Business Name: Scottish Sea Farms Ltd

Waste is ensiled onsite and transported to SSF Barkip by [REDACTED]

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of? Ensiled - on site

Case No:	2020-0537	Date of visit:	10/12/2020
Time spent on site:	6 hrs	Main Inspector:	
Site No:	FS0805	Site Name:	Bagh Dail Nan Cear
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			Y
2. How are mortalities disposed of?	Other (detail)		
If other detail:	Ensiled at Kames Pier , ensiler on barge will be used in future		
3. Mortality records complete and correctly entered?			Y
4. Recent mortality (last 4 wks):	Mortalities for site: WK 46 - 1,904 (0.18%), WK 47 - 3,944 (0.38%), WK 48		
5. Evidence of recent increased/atypical mortalities?			Y
If yes, facility nos/no mortality per facility/no stock per facility/reason:	WK 44 -18,291 (1.73%) for site (15,994 attributed to post treatment losses)		

Case No:	2020-0539	Date of visit:	10/12/2020
Time spent on site:	3.5 hours	Main Inspector:	
Site No:	FS0241	Site Name:	Kingairloch
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
Cleaner fish mortality - WRA - 24.1 % LUM - 53% since input Lumpfish mortalities were suspected to have been caused by Tenacibaculum maritimum and florocol has been administered.			
Hydrolicer treatment in week 47 led to an increase in mortalities, although mortalities remained below the reporting threshold. Peroxide treatment for gill health, limited excess mortalities.			
<b>Mortality Records</b>			
1. Mortality records available for inspection?			Y
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals		

Case No:	2020-0540	Date of visit:	08/12/2020
Time spent on site:	5.5 hrs	Main Inspector:	
Site No:	FS0500	Site Name:	Russel Burn
Business No:	FB0169	Business Name:	The Scottish Salmon Company
Mortality notifications 2019: w/b 10/12/2018 (wk50 2018) <70g @ 3% damaged pipe; w/b 7/10/19 (wk41 2019) 5g to smolting @4.5% fungus; w/b 14/10/19 (wk42 2019) 5g to smolting 1.15% fungus;			
Mortality notification 2020: w/b 14/9/20 5g to smolting @ 2.73% fungus; w/b 21/9/20 5g to smolting @ 2.11% fungus & handling			
<b>Mortality Records</b>			
1. Mortality records available for inspection?			Y
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals		
If other detail:			
3. Mortality records complete and correctly entered?			Y
4. Recent mortality (last 4 wks):	between 08/11/2020 - 08/12/2020 0.11% mortality for the whole site (1,814);		
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?			Y
If yes, detail:	2020 wk 38 10,370 morts 2.81% due to fungus; 2020 wk 39 7,755 morts 2.11% due to fungus		

Case No:	2020-0541	Date of visit:	08/12/2020
Time spent on site:	1.5 hrs	Main Inspector:	
Site No:	FS1333	Site Name:	Applecross Hatchery
Business No:	FB0169	Business Name:	The Scottish Salmon Company

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of?

If other detail:

3. Mortality records complete and correctly entered?  Y

4. Recent mortality (last 4 wks):

Case No:  Date of visit:

Time spent on site:  Main Inspector:

Site No:  Site Name:   
 Business No:  Business Name:

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of?

Case No:  Date of visit:

Time spent on site:  Main Inspector:

Site No:  Site Name:   
 Business No:  Business Name:

**Mortality Information**

1. Any recent increased or atypical mortalities? (last 4 weeks).  Y

If yes, detail:

2. Any increased mortalities? (since last inspection.)  Y

If yes, detail:

3. How are mortalities disposed of?

**November 2020:**

[Cases 20200350-20200492](#)

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Case No:  Date of visit:

Time spent on site:  Main Inspector:

Site No:  Site Name:   
 Business No:  Business Name:

3. How are mortalities disposed of?  
 If other detail:

Case No:  Date of visit:

Time spent on site:  Main Inspector:

Site No:  Site Name:   
 Business No:  Business Name:

2. How are mortalities disposed of? **Biogas - Energen, Cumbernauld**  
If other detail: **Also to Scottish Water Horizons, Cumbernauld**

Case No: **2020-0463** Date of visit: **03/11/2020**  
Time spent on site: **2.5 hours** Main Inspector: **[REDACTED]**  
Site No: **FS0519** Site Name: **Maol Ban**  
Business No: **FB0119** Business Name: **Mowi Scotland Ltd**  
**Mortality Records**  
1. Mortality records available for inspection?  Y  
2. How are mortalities disposed of? **Biogas - Energen, Cumbernauld**  
If other detail: **Also to Scottish Water Horizon, Cumbernauld**

Case No: **2020-0464** Date of visit: **04/11/2020**  
Time spent on site: **2 hours** Main Inspector: **[REDACTED]**  
Site No: **FS1343** Site Name: **Culnacnoc Salmon Farm**  
Business No: **FB0579** Business Name: **Organic Sea Harvest Ltd**  
**Mortality Records**  
1. Mortality records available for inspection?  Y  
2. How are mortalities disposed of? **Biogas - Energen, Cumbernauld**

Case No: **2020-0465** Date of visit: **04/11/2020**  
Time spent on site: **2 hours** Main Inspector: **[REDACTED]**  
Site No: **FS1344** Site Name: **Invertote Salmon Farm**  
Business No: **FB0579** Business Name: **Organic Sea Harvest Ltd**  
**Mortality Records**  
1. Mortality records available for inspection?  Y  
2. How are mortalities disposed of? **Biogas - Energen, Cumbernauld**

Case No: **2020-0466** Date of visit: **05/11/2020**  
Time spent on site: **1.5 hours** Main Inspector: **[REDACTED]**  
Site No: **FS1309** Site Name: **Loch Snizort East**  
Business No: **FB0440** Business Name: **Grieg Seafood Shetland Ltd**  
**Mortality waste stored at Dunvegan before being taken away for disposal**  
**Mortality Records**  
1. Mortality records available for inspection?  Y  
2. How are mortalities disposed of? **Biogas - Barkip**

Case No: **2020-0474** Date of visit: **24/11/2020**  
Time spent on site: **3 hours** Main Inspector: **[REDACTED]**  
Site No: **FS0629** Site Name: **Poll Na Gille**  
Business No: **FB0119** Business Name: **Mowi Scotland Ltd**  
**Mortality Records**  
1. Mortality records available for inspection?  Y  
2. How are mortalities disposed of? **Other (detail)**  
If other detail: **Ensiled at Kames Pier.**

Case No: **2020-0475** Date of visit: **19/11/2020**

Time spent on site: **3 hours** Main Inspector: **[REDACTED]**

Site No: **FS0240** Site Name: **Linnhe**  
 Business No: **FB0119** Business Name: **Mowi Scotland Ltd**

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of? **Ensiled - on site**

Case No: **2020-0478** Date of visit: **25/11/2020**

Time spent on site: **4 hours** Main Inspector: **[REDACTED]**

Site No: **FS0663** Site Name: **Kerrera B**  
 Business No: **FB0125** Business Name: **Scottish Sea Farms Ltd**

All mortality currently incinerated. Ensiler can be used if mortality is increased.

**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 46: 135 (0.05%), wk 45: 270 (0.1%), wk 44: 143 (0.05%), wk 43: 167**

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?  Y

**3,880 mortality over the site in wk 12, 2225 in wk 13 and 1498 wk 14 due to transportation mortality and fish acclimatising after input. Not required to notify MSS as its within 6 weeks of stocking.**

Case No: **2020-0480** Date of visit: **13/11/2020**

Time spent on site: **3h** Main Inspector: **[REDACTED]**

Site No: **FS0375** Site Name: **Loch Damph**  
 Business No: **FB0224** Business Name: **Torrison Smolts Ltd**

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of? **Incinerated - on site**

Case No: **2020-0482** Date of visit: **11/11/2020**

Time spent on site: **3h** Main Inspector: **[REDACTED]**

Site No: **FS0234** Site Name: **Torrison**  
 Business No: **FB0119** Business Name: **Mowi Scotland Ltd**

Elevated mortalities due to gill issues currently an issue. Mortalities related to gill issues began during week 35 with a marked increase in week 39.

Salmon mortalities week 39 4689 (0.54%), week 40 7448 (0.86%), week 41 14571 (1.69%), wk 42 5691 (0.84%), wk 43 32494 (4.86%), wk 44 (2.02%) 11109, wk 45 10074 (2.08%)

Additional mortality peak recorded in week 26 6906 (0.82%) and week 27 4287 (0.49%) attributed to post treatment losses, this also affected cleaner fish mortalities with 9947 and 5389 recorded.

Cleaner fish mortalities have been elevated also with 2324 recorded for the last four week in the wrasse being attributed to atypical furunculosis, lumpfish mortalities have been 5938 due to pseudomonas and handling.

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of? **Biogas - Energen, Cumbernauld**

Case No:	2020-0483	Date of visit:	11/11/2020
Time spent on site:	3h	Main Inspector:	
Site No:	FS0594	Site Name:	Aird
Business No:	FB0169	Business Name:	The Scottish Salmon Company

On return to the lab a mortality event report of 37,281 (4.03%) was received by the Inspectorate for the site w/b 2/11/2020, the remote inspection was conducted on the 9/11/2020 but there was no record of this event having occurred, it was also not mentioned during the remote inspection or the site visit. Following discussion with the site contact regarding this omission, it was reported that the mortalities had occurred post peroxide treatment and were removed from the pens over the weekend and had not been input to the database.

#### Mortality Records

1. Mortality records available for inspection?	<input type="checkbox"/>	Y
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals	
If other detail:		
3. Mortality records complete and correctly entered?	<input type="checkbox"/>	Y
4. Recent mortality (last 4 wks):	wk 45, 10,333 (1.12%) wk 44 1288 (0.14%) wk43 5374 (0.58%), wk 42 5192	
5. Evidence of recent increased/atypical mortalities?	<input type="checkbox"/>	Y
If yes, facility nos/no mortality per facility/no stock per facility/reason:	Across the site post peroxide treatment (tarp treatment)	

Case No:	2020-0489	Date of visit:	17/11/2020
Time spent on site:	3 hours	Main Inspector:	
Site No:	FS0237	Site Name:	Gorsten
Business No:	FB0119	Business Name:	Mowi Scotland Ltd

#### Mortality Records

1. Mortality records available for inspection?	<input type="checkbox"/>	Y
2. How are mortalities disposed of?	Incinerated - on site	



### [Cases 20200493 – 20200547](#)

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Case No:	2020-0499	Date of visit:	17/11/2020
Time spent on site:	4hrs	Main Inspector:	
Site No:	FS1256	Site Name:	Plocrapol
Business No:	FB0169	Business Name:	The Scottish Salmon Company

#### Mortality Records

1. Mortality records available for inspection?	<input type="checkbox"/>	Y
2. How are mortalities disposed of?	Other (detail)	
If other detail:	Collected at a common skip at the shorebase then taken to White shore cockles.	

The above site was inspected following reported mortality events attributed to PD and CMS. The site reported increased mortality above the reporting threshold every week from the 5<sup>th</sup> October 2020 to 9<sup>th</sup> November 2020, totalling 756, 500 mortalities across the site during that time; with an average weekly mortality rate of 4.4%. The site has since begun harvesting, prioritising the worst affected pens.

A number of lethargic and moribund fish were observed across the site, the majority of which were displaying lesions. Five fish were removed for diagnostic sampling. Externally, all fish apart from fish four, appeared underweight and all the fish sampled displayed torn fins. Fish one had a sunken left eye, fish two's left eye was completely absent and fish four had a ruptured left eye. Fish one and four displayed mild haemorrhaging on the ventral surface and at the base of the fins respectively, and all fish displayed pale gills. All the fish had a low lice load, with fish four having the highest, estimated at around ten.



Case No:	2020-0500	Date of visit:	17/11/2020
Time spent on site:	2hrs	Main Inspector:	[REDACTED]
Site No:	FS1277	Site Name:	Reibinish
Business No:	FB0169	Business Name:	The Scottish Salmon Company
<b>Mortality Records</b>			
1. Mortality records available for inspection?			<input checked="" type="checkbox"/> Y
2. How are mortalities disposed of?	Other (detail)		
If other detail:	Collected in a common skip at the shorebase and taken to white shore cockles.		

Case No:	2020-0502	Date of visit:	18/11/2020
Time spent on site:	1.5hrs	Main Inspector:	[REDACTED]
Site No:	FS0145	Site Name:	Mingarry Hatchery
Business No:	FB0444	Business Name:	Hebridean Smolts Ltd

Very little mortality observed on site so disposed of in domestic waste <25kg. In the event of a mass mortality or cull, fish waste would be disposed of by White Shore Cockles.

**Mortality Records**

1. Mortality records available for inspection?  Y  
2. How are mortalities disposed of? Domestic waste - <25kg

Case No: 2020-0506 Date of visit: 24/11/2020

Time spent on site: 3 hours Main Inspector: [REDACTED]

Site No: FS0859 Site Name: Port Na Cro  
Business No: FB0119 Business Name: Mowi Scotland Ltd

**Mortality Records**

1. Mortality records available for inspection?  Y  
2. How are mortalities disposed of? Other (detail)  
If other detail: ensiled Kames Pier

Case No: 2020-0512 Date of visit: 24/11/2020

Time spent on site: 4.5 hrs Main Inspector: [REDACTED]

Site No: FS0993 Site Name: Chalmers Hope  
Business No: FB0095 Business Name: Cooke Aquaculture Scotland Ltd

**Mortality Records**

1. Mortality records available for inspection?  Y  
2. How are mortalities disposed of? Other (detail)  
If other detail: Biogas (Keenan Recycling), Gask Biogas may also be used

Case No: 2020-0513 Date of visit: 25/11/2020

Time spent on site: 3 Hrs Main Inspector: [REDACTED]

Site No: FS1020 Site Name: Bay of Vady  
Business No: FB0095 Business Name: Cooke Aquaculture Scotland Ltd

**Mortality Records**

1. Mortality records available for inspection?  Y  
2. How are mortalities disposed of? Other (detail)  
If other detail: Biogas (Keenan Recycling), Gask Biogas may also be used

Case No: 2020-0514 Date of visit: 25/11/2020

Time spent on site: 3 Hrs Main Inspector: [REDACTED]

Site No: FS0390 Site Name: Carness Bay  
Business No: FB0095 Business Name: Cooke Aquaculture Scotland Ltd

2. How are mortalities disposed of? Other (detail)  
If other detail: Biogas (Keenan Recycling), Gask Biogas may also be used

Case No: 2020-0515 Date of visit: 26/11/2020

Time spent on site: 30 min Main Inspector: [REDACTED]

Site No: FS1331 Site Name: Lober Rock (SMH)  
Business No: FB0125 Business Name: Scottish Sea Farms Ltd

Fish brought on site wk 51 2019. Increase in morts wk 12, 2020 (3854, 1% - below reporting level) due to physical damage from storms. Mortalities immediately dropped back to 0.1% wk 13.

## 2. How are mortalities disposed of?

If other detail:

Case No:	<input type="text" value="2020-0516"/>	Date of visit:	<input type="text" value="26/11/2020"/>
Time spent on site:	<input type="text" value="30 min"/>	Main Inspector:	<input type="text" value=""/>
Site No:	<input type="text" value="FS1337"/>	Site Name:	<input type="text" value="Hunda"/>
Business No:	<input type="text" value="FB0125"/>	Business Name:	<input type="text" value="Scottish Sea Farms Ltd"/>

Morts collected and transported to Shetland for disposal.

<b>Mortality Records</b>	
1. Mortality records available for inspection?	<input type="text" value="Y"/>
2. How are mortalities disposed of?	<input type="text" value="Other (detail)"/>
If other detail:	<input type="text" value="Shetland - Pelagia"/>



[Additional cases 20200481-20200486](#)

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Case No:	<input type="text" value="2020-0482"/>	Date of visit:	<input type="text" value="11/11/2020"/>
Time spent on site:	<input type="text" value="3h"/>	Main Inspector:	<input type="text" value=""/>
Site No:	<input type="text" value="FS0234"/>	Site Name:	<input type="text" value="Torridon"/>
Business No:	<input type="text" value="FB0119"/>	Business Name:	<input type="text" value="Mowi Scotland Ltd"/>

Elevated mortalities due to gill issues currently an issue. Mortalities related to gill issues began during week 35 with a marked increase in week 39.

Salmon mortalities week 39 4689 (0.54%), week 40 7448 (0.86%), week 41 14571 (1.69%), wk 42 5691 (0.84%), wk 43 32494 (4.86%), wk 44 (2.02%) 11109, wk 45 10074 (2.08%)

Additional mortality peak recorded in week 26 6906 (0.82%) and week 27 4287 (0.49%) attributed to post treatment losses, this also affected cleaner fish mortalities with 9947 and 5389 recorded.

Cleaner fish mortalities have been elevated also with 2324 recorded for the last four week in the wrasse being attributed to atypical furunculosis, lumpfish mortalities have been 5938 due to pseudomonas and handling.

<b>Mortality Records</b>	
1. Mortality records available for inspection?	<input type="text" value="Y"/>
2. How are mortalities disposed of?	<input type="text" value="Biogas - Energen, Cumbernauld"/>

Case No:	<input type="text" value="2020-0486"/>	Date of visit:	<input type="text" value="10/11/2020"/>
Time spent on site:	<input type="text" value="4 hours"/>	Main Inspector:	<input type="text" value=""/>
Site No:	<input type="text" value="FS0426"/>	Site Name:	<input type="text" value="Loch Creran (B)"/>
Business No:	<input type="text" value="FB0125"/>	Business Name:	<input type="text" value="Scottish Sea Farms Ltd"/>

<b>Mortality Records</b>	
1. Mortality records available for inspection?	<input type="text" value="Y"/>
2. How are mortalities disposed of?	<input type="text" value="Incinerated - on site"/>

October 2020:



[Cases 20200326-20200434](#)

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Case No:	2020-0327	Date of visit:	21/10/2020
Time spent on site:	3.5 Hrs	Main Inspector:	[REDACTED]
Site No:	fs0683	Site Name:	Gob a Bharra Loch Fyne
Business No:	FB0169	Business Name:	The Scottish Salmon Company
<b>Mortality Records</b>			
1. Mortality records available for inspection?			<input checked="" type="checkbox"/> Y
2. How are mortalities disposed of?			Whole fish - Dundas Chemicals

Case No:	2020-0348	Date of visit:	19/10/2020
Time spent on site:	1 hr	Main Inspector:	[REDACTED]
Site No:	FS0476	Site Name:	Quoys Hatchery
Business No:	FB0095	Business Name:	Cooke Aquaculture Scotland Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			<input checked="" type="checkbox"/> Y
2. How are mortalities disposed of? If other detail:			Whole fish - TWMA (Shetland)

Case No:	2020-0349	Date of visit:	20/10/2020
Time spent on site:	2 hrs	Main Inspector:	[REDACTED]
Site No:	FS0477	Site Name:	Bow of Hascosay
Business No:	FB0095	Business Name:	Cooke Aquaculture Scotland Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			<input checked="" type="checkbox"/> Y
2. How are mortalities disposed of?			Whole fish - TWMA (Shetland)

Case No:	2020-0355	Date of visit:	22/10/2020
Time spent on site:	3.5 hours	Main Inspector:	[REDACTED]
Site No:	FS0818	Site Name:	Ardcastle Bay
Business No:	FB0169	Business Name:	The Scottish Salmon Company
<b>Mortality Records</b>			
1. Mortality records available for inspection?			<input checked="" type="checkbox"/> Y
2. How are mortalities disposed of?			Whole fish - Dundas Chemicals

Case No:	2020-0424	Date of visit:	19/10/2020
Time spent on site:	3hrs	Main Inspector:	[REDACTED]
Site No:	FS0695	Site Name:	Shuna
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd

**Mortality Records**

1. Mortality records available for inspection?  Y  
2. How are mortalities disposed of?

Case No:  Date of visit:

Time spent on site:  Main Inspector:

Site No:  Site Name:   
Business No:  Business Name:

**Mortality Records**

1. Mortality records available for inspection?  Y  
2. How are mortalities disposed of?

Case No:  Date of visit:

Time spent on site:  Main Inspector:

Site No:  Site Name:   
Business No:  Business Name:

**Mortality Records**

1. Mortality records available for inspection?  Y  
2. How are mortalities disposed of?

Case No:  Date of visit:

Time spent on site:  Main Inspector:

Site No:  Site Name:   
Business No:  Business Name:

**Mortality Records**

1. Mortality records available for inspection?  Y  
2. How are mortalities disposed of?

Case No:  Date of visit:

Time spent on site:  Main Inspector:

Site No:  Site Name:   
Business No:  Business Name:

**Mortality Records**

1. Mortality records available for inspection?  Y  
2. How are mortalities disposed of?



[Cases 20200435-20200458](#)

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Case No:	2020-0452	Date of visit:	19/10/2020
Time spent on site:	1 hr	Main Inspector:	
Site No:	FS0388	Site Name:	Coutts Mill
Business No:	FB0095	Business Name:	Cooke Aquaculture Scotland Ltd
<b>Whole fish - TWMA (Shetland)</b>			

Case No:	2020-0454	Date of visit:	22/10/2020
Time spent on site:	N/A	Main Inspector:	
Site No:	FS0209	Site Name:	Scallastle
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
3. How are mortalities disposed of?			Incinerated - on site

### September 2020:



[Cases 20200079-20200372](#)

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Case No:	2020-0367	Date of visit:	16/09/2020
Time spent on site:	2.5 hours	Main Inspector:	
Site No:	FS0299	Site Name:	Dunstaffnage
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			<input checked="" type="checkbox"/> Y
2. How are mortalities disposed of?			Incinerated - on site

Case No:	2020-0079	Date of visit:	14/09/2020
Time spent on site:	5 hrs	Main Inspector:	
Site No:	FS0948	Site Name:	Score Holms
Business No:	FB0440	Business Name:	Greg Seafood Shetland Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			<input checked="" type="checkbox"/> Y
2. How are mortalities disposed of?			Whole fish - TWMA (Shetland)

Case No:	2020-0364	Date of visit:	14/09/2020
Time spent on site:	3.5 hours	Main Inspector:	
Site No:	FST328	Site Name:	Barcaldine Smolt Unit
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			<input checked="" type="checkbox"/> Y
2. How are mortalities disposed of?			Ensiled - on site

Case No:	2020-0366	Date of visit:	11/09/2020
Time spent on site:	1.5 hours	Main Inspector:	
Site No:	FS0270	Site Name:	Loch Avich
Business No:	FB0134	Business Name:	Kames Fish Farming Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			Y
2. How are mortalities disposed of?		Other (detail)	
If other detail:	Ensiles off site.		

Video at Kames ensiling unit near Kilmelford [online here](#)



Case No:	2020-0345	Date of visit:	10/09/2020
Time spent on site:	3 hrs	Main Inspector:	
Site No:	FS0434	Site Name:	Loch Ness
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			Y
2. How are mortalities disposed of?		Incinerated - on site	

Case No:	2020-0347	Date of visit:	09/09/2020
Time spent on site:	7 hrs	Main Inspector:	
Site No:	FS1269	Site Name:	Lochailort Recirculation Hatchery
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			Y
2. How are mortalities disposed of?		Incinerated - on site	

Case No:	2020-0346	Date of visit:	08/09/2020
Time spent on site:	4.5 hrs	Main Inspector:	
Site No:	FS1104	Site Name:	Laddie Wood, Loch Garry
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			Y
2. How are mortalities disposed of?			Ensiled - on site



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Case No:	2020-0395	Date of visit:	23/09/2020
Time spent on site:	4 hours	Main Inspector:	
Site No:	FS0339	Site Name:	Furnace (FW)
Business No:	FB0235	Business Name:	Cooke Aquaculture (Freshwater) Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			Y
2. How are mortalities disposed of?			Ensiled - on site

Case No:	2020-0391	Date of visit:	15/09/2020
Time spent on site:	30 minutes	Main Inspector:	
Site No:	FS0575	Site Name:	Ormsary Smolt Unit
Business No:	FB0061	Business Name:	Landcatch Natural Selection Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			Y
2. How are mortalities disposed of?			Incinerated - on site



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Case No:	2020-0339	Date of visit:	15/09/2020
Time spent on site:	4 hrs	Main Inspector:	
Site No:	FS0382	Site Name:	Uyea Isle
Business No:	FB0095	Business Name:	Cooke Aquaculture Scotland Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			Y
2. How are mortalities disposed of?			Whole fish - TWMA (Shetland)

Case No: **2020-0378** Date of visit: **15/09/2020**

Time spent on site: **3.5 hrs** Main Inspector: **[REDACTED]**

Site No: **FS0871** Site Name: **Winna Ness**  
 Business No: **FB0095** Business Name: **Cooke Aquaculture Scotland Ltd**

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of? **Whole fish - TWMA (Shetland)**

Case No: **2020-0387** Date of visit: **21/09/2020**

Time spent on site: **1 hour** Main Inspector: **[REDACTED]**

Site No: **FS0913** Site Name: **Wester Fearn**  
 Business No: **FB0391** Business Name: **Highland Salmon Company Ltd**

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of? **Other (detail)**

If other detail: **Permission granted from SEPA to bury mortalities on site.**

Case No: **2020-0388** Date of visit: **22/09/2020**

Time spent on site: **3 hours** Main Inspector: **[REDACTED]**

Site No: **FS0770** Site Name: **Duartmore**  
 Business No: **FB0398** Business Name: **Loch Duart Ltd**

Dead fish waste taken to Badcall prior to being transported to Gray Composting. Fish waste movements to Badcall recorded in site diary.

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of? **Other (detail)**

If other detail: **Whole fish - Gray Composting (Aberdeenshire)**

Case No: **2020-0389** Date of visit: **22/09/2020**

Time spent on site: **6 hours** Main Inspector: **[REDACTED]**

Site No: **FS0065** Site Name: **Loch Laxford**  
 Business No: **FB0398** Business Name: **Loch Duart Ltd**

Waste is collected by DK Transport at the shorebase before being transported to Grays Composting.

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of? **Other (detail)**

If other detail: **Whole fish - Grays Composting (Aberdeenshire).**

Case No: **2020-0392** Date of visit: **17/09/2020**

Time spent on site: **3.5 hours** Main Inspector: **[REDACTED]**

Site No: **FS0468** Site Name: **Loch Tralaig**  
 Business No: **FB0134** Business Name: **Kames Fish Farming Ltd**

Mortalities are removed from site in bins and transferred to the shore base at Kilmelford for ensiling. Morts are normally immediately transferred to the ensiling system but there was a breakdown in the system recently resulting in bins being stored until it was fixed. Waste transfer record for last batch of ensiled waste checked - removed by Ferguson's Transport to Energen biogas on 6 August 2020.

**Mortality Records**

1. Mortality records available for inspection?  Y

2. How are mortalities disposed of? **Other (detail)**

If other detail: **Ensiled at Kilmelford shore base.**

Case No:	2020-0406	Date of visit:	22/09/2020
Time spent on site:	3hours	Main Inspector:	
Site No:	FS0890	Site Name:	Jubilee Loch Shin
Business No:	FB0341	Business Name:	Migdale Smolts Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			<input type="checkbox"/> Y
2. How are mortalities disposed of?			Incinerated - on site



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Case No:	2020-0380	Date of visit:	16/09/2020
Time spent on site:	6 hrs	Main Inspector:	
Site No:	FS1121	Site Name:	Bight of Bellister, Dury Voe
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			<input type="checkbox"/> Y
2. How are mortalities disposed of?			Other (detail)
If other detail:			Incinerated on Bressay

+

Case No:	2020-0381	Date of visit:	17/09/2020
Time spent on site:	3.5	Main Inspector:	
Site No:	FS0850	Site Name:	Lippie Geo
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			<input type="checkbox"/> Y
2. How are mortalities disposed of?			Incinerated - Shetland Waste to Energy

Case No:	2020-0382	Date of visit:	17/09/2020
Time spent on site:	4 Hrs	Main Inspector:	
Site No:	FS0749	Site Name:	Holms Geo
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
<b>Mortality Records</b>			
1. Mortality records available for inspection?			<input type="checkbox"/> Y
2. How are mortalities disposed of?			Incinerated - Shetland Waste to Energy

August 2020:



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Case No:	2020-0353	Date of visit:	25/08/2020
Time spent on site:	N/A	Main Inspector:	
Site No:	FS0742	Site Name:	Glenfinnan
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
3. How are mortalities disposed of?		Biogas - Energen, Cumbernauld	

Case No:	2020-0342	Date of visit:	21/08/2020
Time spent on site:	n/a	Main Inspector:	
Site No:	FS1261	Site Name:	Sgian Dubh
Business No:	FB0169	Business Name:	The Scottish Salmon Company
3. How are mortalities disposed of?		Whole fish - Dundas Chemicals	

Case No:	2020-0340	Date of visit:	21/08/2020
Time spent on site:	n/a	Main Inspector:	
Site No:	FS0559	Site Name:	Ardyne
Business No:	FB0169	Business Name:	The Scottish Salmon Company
3. How are mortalities disposed of?		Whole fish - Dundas Chemicals	

Video from The Scottish Salmon Company's Toward processing plant (near the Ardyne, Sgian Dubh and Strone Point salmon farms):





Case No: **2020-0341** Date of visit: **21/08/2020**

Time spent on site: **n/a** Main Inspector: **[REDACTED]**

Site No: **FS1056** Site Name: **Strone Point**

Business No: **FB0169** Business Name: **The Scottish Salmon Company**

3. How are mortalities disposed of? **Whole fish - Dundas Chemicals**

Case No: **2020-0343** Date of visit: **21/08/2020**

Time spent on site: **n/a** Main Inspector: **[REDACTED]**

Site No: **FS0752** Site Name: **Taranaish**

Business No: **FB0169** Business Name: **The Scottish Salmon Company**

3. How are mortalities disposed of? **Other (detail)**

If other detail: **whole fish to White Shore Cockles**

Case No: **2020-0036** Date of visit: **06/08/2020**

Time spent on site: **N/A** Main Inspector: **[REDACTED]**

Site No: **FS1344** Site Name: **Invertote Salmon Farm**

Business No: **FB0579** Business Name: **Organic Sea Harvest Ltd**

3. How are mortalities disposed of? **Biogas - Energen, Cumbernauld**

Case No: **2020-0035** Date of visit: **04/08/2020**

Time spent on site: **0 hrs** Main Inspector: **[REDACTED]**

Site No: **FS1341** Site Name: **An Camus**

Business No: **FB0119** Business Name: **Mowi Scotland Ltd**

3. How are mortalities disposed of?   
If other detail:

## July 2020:



### [Cases 20200033-20200325](#)

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Case No:  Date of visit:   
Time spent on site:  Main Inspector:   
Site No:  Site Name:   
Business No:  Business Name:   
3. How are mortalities disposed of?   
If other detail:

Case No:  Date of visit:   
Time spent on site:  Main Inspector:   
Site No:  Site Name:   
Business No:  Business Name:   
3. How are mortalities disposed of?   
If other detail:

Case No:  Date of visit:   
Time spent on site:  Main Inspector:   
Site No:  Site Name:   
Business No:  Business Name:   
3. How are mortalities disposed of?   
If other detail:

Case No:  Date of visit:   
Time spent on site:  Main Inspector:   
Site No:  Site Name:   
Business No:  Business Name:   
3. How are mortalities disposed of?   
If other detail:

Case No:  Date of visit:   
Time spent on site:  Main Inspector:   
Site No:  Site Name:   
Business No:  Business Name:   
How are mortalities disposed of?   
If other detail:

Case No:	2020-0249	Date of visit:	06/07/2020
Time spent on site:	0	Main Inspector:	
Site No:	FS0800	Site Name:	Leinish
Business No:	FB0440	Business Name:	Grieg Seafood Shetland Ltd
How are mortalities disposed of?			
If other detail: Whole fish - anglo scottish biosolids - Falkirk			

Case No:	2020-0033	Date of visit:	06/07/2020
Time spent on site:	N/A	Main Inspector:	
Site No:	FS0429	Site Name:	Loch Ba
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
3. How are mortalities disposed of?			
If other detail: Site fallow - previously mortalities sent to Dundas Chemicals			



[Additional cases](#)  
[20200260-202000329](#)

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Case No:	2020-0283	Date of visit:	24/07/2020
Time spent on site:	N/A	Main Inspector:	
Site No:	FS1255	Site Name:	North Uiskevagh
Business No:	FB0169	Business Name:	The Scottish Salmon Company
3. How are mortalities disposed of?			
If other detail: Whole fish will be stored in a common skip at the shorebase and collected by White Shore Cockles.			

June 2020:



[Cases 20200204-20200235](#)

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Case No:	2020-0233	Date of visit:	18/06/2020
Time spent on site:	1 Hour	Main Inspector:	
Site No:	FS0853	Site Name:	Lochmaddy
Business No:	FB0398	Business Name:	Loch Duart Ltd
How are mortalities disposed of?			
If other detail: White shore cockles			

Mortalities are disposed of via landfill at White Shore Crockles. It has recently been refitted to accommodate dryer and biomass machinery to recycle fish waste into fuel and is currently at the stage of commissioning, however work has temporarily stopped. It is hoped that the plant will be fully operational by winter this year, or early 2021.

Case No:	2020-0204	Date of visit:	12/06/2020
Time spent on site:	0	Main Inspector:	
Site No:	FS0271	Site Name:	Kames Bay (west)
Business No:	FB0134	Business Name:	Kames Fish Farming Ltd
3. How are mortalities disposed of?			Ensiled - on site
If other detail:			

Video footage of ensiling at Kames:



**Toxic Salmon Soup - Fresh from Kames Fish Farming!**

May 2020:



[Cases 20200086-20200215](#)

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Case No:	2020-0194	Date of visit:	15/05/2020
Time spent on site:	1hr	Main Inspector:	
Site No:	FS0881	Site Name:	Uig
Business No:	FB0440	Business Name:	Greg Seafood Shetland Ltd
3. How are mortalities disposed of?			Other (detail)
If other detail: Fish go off whole from Dunvegan, SSE Barkip, Dalrigh, KA24 4JJ.			

Case No:	2020-0198	Date of visit:	15/05/2020
Time spent on site:	1hr	Main Inspector:	
Site No:	FS1309	Site Name:	Loch Snizort East
Business No:	FB0440	Business Name:	Greg Seafood Shetland Ltd
3. How are mortalities disposed of?			Other
If other detail: Fish go off whole from Dunvegan, SSE Barkip, Dalrigh, KA24 4JJ.			

Case No:	2020-0086	Date of visit:	15/05/2020
Time spent on site:	1hr	Main Inspector:	
Site No:	FS0903	Site Name:	Swining Voe 3
Business No:	FB0440	Business Name:	Greg Seafood Shetland Ltd
How are mortalities disposed of?			Whole fish - TWMA (Shetland)

Case No:	2020-0184	Date of visit:	14/05/2020
Time spent on site:	N/A	Main Inspector:	
Site No:	FS0015	Site Name:	Loch Greshornish
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
How are mortalities disposed of?			Whole fish - Dundas Chemicals

Case No:	2020-0193	Date of visit:	14/05/2020
Time spent on site:		Main Inspector:	
Site No:	FS0646	Site Name:	Soay
Business No:	FB0119	Business Name:	Mowi Scotland Ltd

How are mortalities disposed of?	Ensiled - on site
If other detail:	White shore cockles if too many morts for ensiler

Case No:	2020-0188	Date of visit:	13/05/2020
Time spent on site:	n/a	Main Inspector:	
Site No:	FS1122	Site Name:	Grey Horse Channel
Business No:	FB0119	Business Name:	Mowt Scotland Ltd
How are mortalities disposed of?			
If other detail:	White shore cockles - Uist		

**April 2020:**



[Cases 20200031-20200174](#)

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Case No:	2020-0166	Date of visit:	29/04/2020
Time spent on site:	0	Main Inspector:	
Site No:	FS0927	Site Name:	Kyles of Vuia
Business No:	FB0169	Business Name:	The Scottish Salmon Company
How are mortalities disposed of?			
If other detail:	White Shore Cockles		

Case No:	2020-0174	Date of visit:	28/04/2020
Time spent on site:	0	Main Inspector:	
Site No:	FS0914	Site Name:	Lismore West
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
How are mortalities disposed of?	Incinerated - on site		

Case No:	2020-0170	Date of visit:	27/04/2020
Time spent on site:	0	Main Inspector:	
Site No:	FS0254	Site Name:	Knock
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
How are mortalities disposed of?	Whole fish - Dundas Chemicals		

Case No:	2020-0031	Date of visit:	27/04/2020
Time spent on site:	0 hrs	Main Inspector:	
Site No:	FS0245	Site Name:	Ardintoul
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
How are mortalities disposed of?			Biogas - Energen, Cumbernauld

Photos from Ardintoul in November shows Gogar skip and morts in plastic containers:





Scottish Salmon Watch [visited Ardintoul in November 2019](#) following a tip-off from a whistleblower who claimed that the area was a graveyard for the corpses of diseased farmed salmon and was "awash with mort juice".

"So ruthless"; "Very devious"; "Nasty crowd"; "Thugs & bullies"; "I was threatened so have to be careful"; "I know when they take out a shooter they wipe out all the seals and cormorants"; "Whole thing is based on lies"; "Gogar big articulated trucks come in a take away dead salmon"; "Chemical tests fiddled"; "Ardintoul awash with mort juice"; "Buried morts".

Case No:	2020-0032	Date of visit:	27/04/2020
Time spent on site:	0 hrs	Main Inspector:	[REDACTED]
Site No:	FS1176	Site Name:	Eilean Grianain
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
How are mortalities disposed of?			Biogas - Energen, Cumbernauld
If other detail:			Ensiled on site

A whistleblower working on disposing of morts at Mowi's Eilean Grianain salmon farm in 2018 - [Mowi admitted 300,000 morts to The Sunday Mail](#) - [leaked photo/video of skinned alive salmon](#):

**Don Staniford** @TheGAAIA

Here's what Mowi's [@rspcaassured](#) salmon looked like after 300,000 died in the Beast from the East in 2018 at their Carradale farm (the same site hit yesterday by Storm Ellen) [tinyurl.com/rdr8azn](https://tinyurl.com/rdr8azn) Skinless Scottish salmon anyone? [@MowiScotlandLtd](#) [@sainsburys](#) [@LidlGB](#) [@AldiUK](#)



11:53 AM · Aug 21, 2020

BBC News [reported in August 2020 that 30,616 died](#) - presumably squashed during the storm which led to the escape:



Corin Smith reported that lorries were loading up morts via Campbelltown harbour from Mowi boats.

Case No:	2020-0154	Date of visit:	17/04/2020
Time spent on site:	0	Main Inspector:	[REDACTED]
Site No:	FS1076	Site Name:	Settlement North (Bomlo)
Business No:	FB0440	Business Name:	Gneg Seafood Shetland Ltd
How are mortalities disposed of?	Whole fish - TWMA (Shetland)		

Case No:	2020-0150	Date of visit:	02/04/2020
Time spent on site:	n/a	Main Inspector:	[REDACTED]
Site No:	FS1118	Site Name:	Trilleachan Mor
Business No:	FB0169	Business Name:	The Scottish Salmon Company
How are mortalities disposed of?	Whole fish - WI-IWM facility		

**March 2020:**



[Cases 20200020-20200117](#)

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Case No:	2020-0117	Date of visit:	10/03/2020
Time spent on site:	2 hours	Main Inspector:	[REDACTED]
Site No:	FS0708	Site Name:	Portree
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?	Ensiled - on site		

Case No:	2020-0020	Date of visit:	10/03/2020
Time spent on site:	5hrs	Main Inspector:	[REDACTED]
Site No:	FS0091	Site Name:	Meall Mhor Loch Fyne
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals		

Before disposal via Dundas Chemicals they are stored at nearby Strondoir Bay salmon farm in Billy Bowie skips:



### WARNING: Dirty Rotten Scottish Salmon: "Not for Animal Consumption"

Case No:	2020-0107	Date of visit:	03/03/2020
Time spent on site:	3.5 hours	Main Inspector:	[REDACTED]
Site No:	FS0614	Site Name:	Hollywood Breeding Centre
Business No:	FB0572	Business Name:	AquaGen Scotland Ltd
2. How are mortalities disposed of?		Whole fish - Dundas Chemicals	



### [Cases 20200118 – 20200149](#)

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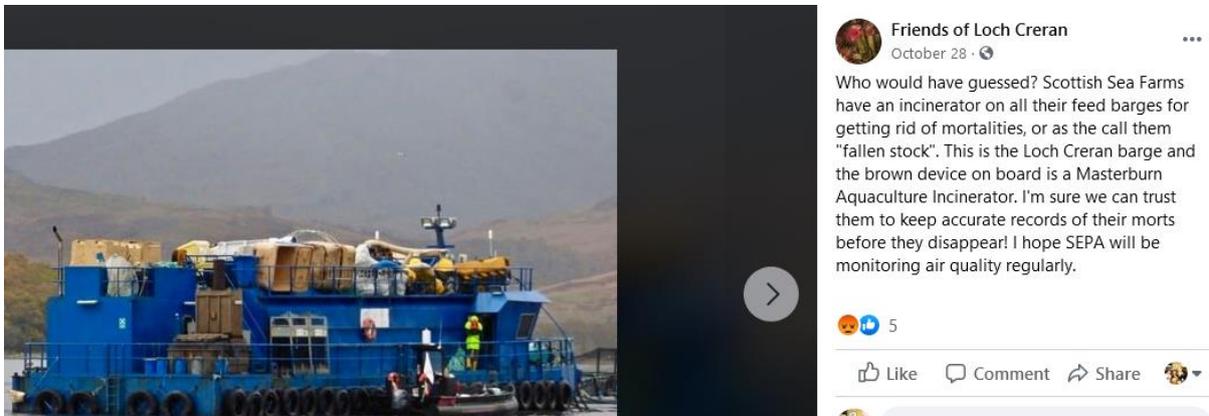
100 page PDF | 8.9 MB

Case No:	2020-0149	Date of visit:	27/03/2020
Time spent on site:	n/a	Main Inspector:	[REDACTED]
Site No:	FS1042	Site Name:	Seaforth
Business No:	FB0119	Business Name:	Mowt Scotland Ltd
How are mortalities disposed of?		Ensiled - on site	
If other detail:		Large mortalities meant some had to white shore cockles.	

Case No:	2020-0118	Date of visit:	10/03/2020
Time spent on site:	2 hours	Main Inspector:	
Site No:	FS1318	Site Name:	Portree Outer
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?			Ensiled - on site

Case No:	2020-0132	Date of visit:	10/03/2020
Time spent on site:	5 hrs	Main Inspector:	
Site No:	FS0426	Site Name:	Loch Creran (B)
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
2. How are mortalities disposed of?			Incinerated - on site

Facebook [post from Friends of Loch Creran:](#)



[Additional case 20200136](#)

16 page PDF | 1.4 MB

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Case No:	2020-0136	Date of visit:	11/03/2020
Time spent on site:	6 hrs	Main Inspector:	
Site No:	FS0767	Site Name:	Tarbert South
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?			Whole fish - Dundas Chemicals

February 2020:



[Cases 20200026-20200065](#)

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Case No:	2020-0061	Date of visit:	19/02/2020
Time spent on site:	4 hrs	Main Inspector:	
Site No:	FS0407	Site Name:	Wick of Vatsetter
Business No:	FB0095	Business Name:	Cooke Aquaculture Scotland Ltd
2. How are mortalities disposed of?		Whole fish - TWMA (Shetland)	

Case No:	2020-0060	Date of visit:	19/02/2020
Time spent on site:	8 hrs	Main Inspector:	
Site No:	FS0608	Site Name:	Vidlin North
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
2. How are mortalities disposed of?			
If other detail:		Pelagia (Bressay) - fish meal	

Case No:	2020-0062	Date of visit:	18/02/2020
Time spent on site:	4 hrs	Main Inspector:	
Site No:	FS1335	Site Name:	Swarta Skerry, Dury Voe
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd

Morts disposed of by Pelagia Shetland Ltd. Allowed to use Waste to Energy incinerator in Lerwick if less than 1 tonne/week. Arrangements and storage of dead fish not in FMS but is in waste management plan.

Case No:	2020-0065	Date of visit:	17/02/2020
Time spent on site:	30 min.	Main Inspector:	
Site No:	FS0501	Site Name:	Taing of Railsbrough Catfirth
Business No:	FB0440	Business Name:	Grieg Seafood Shetland Ltd
2. How are mortalities disposed of?		Whole fish - TWMA (Shetland)	

Case No:	2020-0058	Date of visit:	17/02/2020
Time spent on site:	5 hrs	Main Inspector:	
Site No:	FS0504	Site Name:	Girlsta Hatchery
Business No:	FB0557	Business Name:	Grieg Seafood Shetland Ltd (Hatchery)
2. How are mortalities disposed of?		Incinerated - Shetland Waste to Energy	



## Cases 20200073-20200103

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Case No:	2020-0098	Date of visit:	26/02/2020
Time spent on site:	6h	Main Inspector:	
Site No:	FS0234	Site Name:	Torricon
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?		Incinerated - on site	

Video from September 2020:



Case No:	2020-0084	Date of visit:	26/02/2020
Time spent on site:	5hrs	Main Inspector:	
Site No:	FS0150	Site Name:	Loch Lochy
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?		Incinerated - on site	

Case No:	2020-0085	Date of visit:	25/02/2020
Time spent on site:	3hrs	Main Inspector:	
Site No:	FS0649	Site Name:	Loch Arkaig
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?		Incinerated - on site	

Waste incinerated on site unless the incinerator cannot cope with the capacity. Surplus waste is taken away by Billy Bowie and taken to Dundas Chemicals.

Case No: **2020-0087** Date of visit: **25/02/2020**

Time spent on site: **2hrs** Main Inspector: **[REDACTED]**

Site No: **FS0226** Site Name: **Inchmore**  
 Business No: **FB0119** Business Name: **Mowi Scotland Ltd**

2. How are mortalities disposed of? **Incinerated - on site**

Dead fish and waste incinerated on site unless volumes are too high for the capacity of the incinerator. In these instances, waste is collected by Billy Bowie and taken to Dundas Chemicals.

Case No: **2020-0095** Date of visit: **25/02/2020**

Time spent on site: **2.5h** Main Inspector: **[REDACTED]**

Site No: **FS1336** Site Name: **Applecross**  
 Business No: **FB0169** Business Name: **The Scottish Salmon Company**

2. How are mortalities disposed of? **Whole fish - Dundas Chemicals**

Case No: **2020-0096** Date of visit: **25/02/2020**

Time spent on site: **2h** Main Inspector: **[REDACTED]**

Site No: **FS0301** Site Name: **Appleburn Hatchery**  
 Business No: **FB0169** Business Name: **The Scottish Salmon Company**

2. How are mortalities disposed of? **Biogas - Energen, Cumbernauld**

Case No: **2020-0081** Date of visit: **20/02/2020**

Time spent on site: **4.5 hrs** Main Inspector: **[REDACTED]**

Site No: **FS1278** Site Name: **East of Papa Little**  
 Business No: **FB0440** Business Name: **Grieg Seafood Shetland Ltd**

2. How are mortalities disposed of? **Whole fish - TWMA (Shetland)**

Case No: **2020-0073** Date of visit: **17/02/2020**

Time spent on site: **30 min.** Main Inspector: **[REDACTED]**

Site No: **FS1099** Site Name: **Gletness**  
 Business No: **FB0440** Business Name: **Grieg Seafood Shetland Ltd**

2. How are mortalities disposed of? **Whole fish - TWMA (Shetland)**



[Additional cases 20200052-20200100](#)

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Case No: **2020-0097** Date of visit: **25/02/2020**

Time spent on site: **1.5h** Main Inspector: **[REDACTED]**

Site No: **FS1051** Site Name: **Appleburn Incubation Unit**  
 Business No: **FB0169** Business Name: **The Scottish Salmon Company**

2. How are mortalities disposed of?

Biogas - Energen, Cumbernauld

Ferguson transport completing uplift of mortalities, records show disposal to Deerdykes and also Energen biogas.



[Additional case 2020059](#)

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Case No:	2020-0059	Date of visit:	18/02/2020
Time spent on site:	7 Hrs	Main Inspector:	
Site No:	FS0183	Site Name:	South Sound
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
2. How are mortalities disposed of?			
If other detail: Pelagia (Bressay) - Fishmeal			



[Additional cases  
20200030-20200037](#)

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Case No:	2020-0037	Date of visit:	26/02/2020
Time spent on site:	7 hours	Main Inspector:	
Site No:	FS0927	Site Name:	Kyles of Vuia
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?			
If other detail: White shore cockles			

Photo published with Case Information ([reported on 10 November 2020 in Stornoway Gazette](#); same site [shamed by The Ferret in August 2020 with Emamectin benzoate contamination](#)):



Case No:	2020-0030	Date of visit:	25/02/2020
Time spent on site:	4 hours	Main Inspector:	
Site No:	FS1033	Site Name:	North Shore
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?	Ensiled - on site		
If other detail:	Ensiled waste taken by Fergusons, some waste also taken to White Shore cockles		

### January 2020:



[Cases 20200005-20200022](#)

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Case No:	2020-0021	Date of visit:	30/01/2020
Time spent on site:	5 hours	Main Inspector:	
Site No:	FS0698	Site Name:	Quarry Point
Business No:	FB0189	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals		

Case No: 2020-0006 Date of visit: 22/01/2020

Time spent on site: 4 hours Main Inspector: [REDACTED]

Site No: FS0866 Site Name: Loch Garasdale  
 Business No: FB0235 Business Name: Cooke Aquaculture (Freshwater) Ltd

2. How are mortalities disposed of? Ensiled - on site

Morts are ensiled on site and collected by Hazco for disposal. Collected once a year when site is fallow. Stored in IBCs. Pumped out of IBCs and into a tanker.

Case No: 2020-0007 Date of visit: 22/01/2020

Time spent on site: 2 hours Main Inspector: [REDACTED]

Site No: FS0323 Site Name: Cairndow Hatchery  
 Business No: FB0235 Business Name: Cooke Aquaculture (Freshwater) Ltd

2. How are mortalities disposed of? Ensiled - on site

Mortalities are ensiled on site and collected by Hasco about once a year. Transported by tanker to Energen biogas plant, Deerdykes

Case No: 2020-0009 Date of visit: 21/01/2020

Time spent on site: 4 hours Main Inspector: [REDACTED]

Site No: FS0892 Site Name: Clachbreac  
 Business No: FB0061 Business Name: Landcatch Natural Selection Ltd

2. How are mortalities disposed of? Incinerated - on site

Case No: 2020-0010 Date of visit: 21/01/2020

Time spent on site: 6 hours Main Inspector: [REDACTED]

Site No: FS0575 Site Name: Ormsary Smolt Unit  
 Business No: FB0061 Business Name: Landcatch Natural Selection Ltd

2. How are mortalities disposed of? Incinerated - on site

Photos from Case Information:





Case No:	2020-0013	Date of visit:	21/01/2020
Time spent on site:	7h	Main Inspector:	[REDACTED]
Site No:	FS1198	Site Name:	South Cava
Business No:	FB0095	Business Name:	Cooke Aquaculture Scotland Ltd
2. How are mortalities disposed of?	Biogas - Gask, Turriff		



### [Additional case 20200014](#)

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Case No:	2020-0014	Date of visit:	22/01/2020
Time spent on site:	7h	Main Inspector:	[REDACTED]
Site No:	FS1294	Site Name:	Wyre
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
2. How are mortalities disposed of?	[REDACTED]		
If other detail:	Bulk container at SSF yard at Twatt then uplifted for disposal but manager did not know where to.		

Mortalities transferred to the SSF yard in Twatt and put in bulk container for uplift, BMP states that morts are taken to shorebase for incineration.

2019:



PUBLICATION - TRANSPARENCY DATA

# Fish Health Inspectorate case information 2019

In summary:

Scottish Sea Farms reported for their Shapinsay salmon farm on Orkney in December 2019:

Mortalities are incinerated at central point for all SSF sites in Orkney, with the incinerator situated at Twatt.

Cooke Aquaculture reported for their Cloudin salmon farm in Shetland in December 2019:

2. How are mortalities disposed of?	Whole fish - TWMA (Shetland)
If other detail:	Site also use on site incinerator

Mowi's Loch Duich salmon farm reported in December 2019:

2. How are mortalities disposed of?	Ensiled - on site
If other detail:	Larger mortality events - whole fish transported to Dundas by Billy Bowie.

Mowi's North Shore salmon farm in Loch Erisort reported in November 2019:

Fish ensiled on site, any mass mortality event the fish are sent to landfill (white shore cockles and Deer dykes (ensiled waste) biogen, whole fish gogar).

Mowi's Caolas Deas salmon farm on the Isle of Lewis reported in November 2019:

Mortality disposal usually to Energen Cumbernauld - Fish during mass mortality go to landfill, white shore cockles on Uist.

The Scottish Salmon Company's Inch Kenneth salmon farm on the Isle of Mull reported in November 2019:

2. How are mortalities disposed of?	Whole fish - Dundas Chemicals
If other detail:	Skipped on site then collected by Billy Bowie and taken to Dundas.

Mowi's Colonsay salmon farm reported in November 2019:

Ensiled material collected by Fergusons Transport in a tanker on a boat - load and unload at Oban,

Scottish Sea Farms reported for their Barcaldine Smolt Unit in November 2019:

Fish ensiled on site and waste transported by Murdoch and Sons Ltd to Deerdykes composting, Scottish Waters Cumbernauld.

Scottish Sea Farms reported for Puldrite Bay salmon farm on Orkney in November 2019:

2. How are mortalities disposed of?	Other (detail)
If other detail:	Taken onshore at Kirkwall then transported to company yard at Twatt for incineration.

Cooke's Kirt Noust salmon farm on Orkney reported in November 2019:

2. How are mortalities disposed of?	Other (detail)
If other detail:	Morts taken to Keenan Recycling Ltd, Hillhead, Auchreddie, New Deer, Turriff, Aberdeenshire

Loch Duart's Loch A Chairn Bhain salmon farm reported in November 2019:

2. How are mortalities disposed of?	
If other detail:	Composting (DK waste) Greys composting

Mowi's salmon farm at Invasion Bay in Loch Sunart reported in November 2019:

2. How are mortalities disposed of?	Whole fish - Dundas Chemicals
If other detail:	Waste is ensiled on site, prior to collection by Billy Bowie and taken to Dundas.

Mowi's salmon farm at Camas Glas in Loch Sunart reported in October 2020:

2. How are mortalities disposed of?	Whole fish - Dundas Chemicals
If other detail:	Mortality waste also taken to Energen Biogas, Cumbernauld

The Highland Salmon Company's Wester Fearn hatchery reported in October 2019:

2. How are mortalities disposed of?	
If other detail:	permission from SEPA to bury mortalities on site

Loch Duart's Badcall Bay salmon farm reported in October 2019:

2. How are mortalities disposed of?	
If other detail:	whole fish to Grays Composting, Fordyce

Mowi's Ardintoul salmon farm reported in October 2019:

2. How are mortalities disposed of?	Other (detail)
If other detail:	normally incinerated on shore, due to higher mortality one transport of whole fish to Cumbernauld

Mowi's Loch Lochy salmon farm reported in October 2019:

Mortalities incinerated on site, but cull at grading disposed of via Dundas chemicals.

Mowi's Muck salmon farm reported in September 2019:

2. How are mortalities disposed of?	Whole fish - Dundas Chemicals
Dead fish and waste are stored in leak proof containers on site before being transported to the shorebase on a daily basis. Mortalities are then collected by Billy Bowie and transported to Dundas.	

The Scottish Salmon Company's Sgeir Dughall salmon farm in Loch Torridon reported for September 2019:

2. How are mortalities disposed of?	Whole fish - Dundas Chemicals
Cleaner fish going with Harvest and killed at PP. Mort disposal whole in Billy bowie skips	

Wester Ross Fisheries reported for their Corry salmon farm in Loch Broom in September 2019:

Hasco remove morts in vacuum tankers for anaerobic digestion or incineration.  
Last dead fish movement off in Sept 2018 - Hazco, Grangemouth.

FAI Aquaculture's Aultbea salmon farm reported in September 2019:

No movement of dead fish off site. Currently all stored in onsite freezer. Will be removed by Billy Bowie in future.

Loch Duart's Calva Bay salmon farm reported in September 2019:

Mort removal; DK waste remove skip of dead fish for composting - south of England

Scottish Sea Farms reported for their Barcaldine On-Growing Unit in September 2019:

2. How are mortalities disposed of?	Ensiled - on site
If other detail:	Then transported off site by JM murdock - Cumbernauld

NIRI Scotland reported for their Macrihanish Hangar facility in September 2019:

3x Ten tonne containers of ensiled morts left from last cycle. However 2 of them have been emptied, since owner was away only one remains. Complaints from neighbours about the smell. Manager does not know where the waste has gone.

Mowi's Bagh Dail Nan Cean salmon farm reported in September 2019:

morts are being transported to Denmark - to be used as biofuel.

2. How are mortalities disposed of?	Ensiled - on site
If other detail:	Norwegian equiped with on-board ensiler. Three other boats are removing morts are storing them on the Norwegian boat.

Mowi's Muck salmon farm reported in September 2019:

Divers on site weekly for net checks and mortality removal. Usually ensile mortalities on barge at site, however, due to numbers recent mortalities were being transferred in leak proof bins to Mallaig for collection and transport to Dundas. The Oygarden was on site at time of inspection completing mortality removal in all cages. This vessel is set up to process and ensile the mortalities before transporting to their destination.

Starting in chronological order (latest first) with ['Case Information' for 2019:](#)

**December 2019:**



[Cases 20190399-20190728](#)

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Case No:	2019-0728	Date of visit:	10/12/2019
Time spent on site:	2.5 hours	Main Inspector:	
Site No:	FS1333	Site Name:	Applecross Hatchery
Business No:	FB0189	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?			Whole fish - Dundas Chemicals
In future all dead waste to be transported to Dundas Chemicals.			

Case No:	2019-0727	Date of visit:	09/12/2019
Time spent on site:	2.5 hours	Main Inspector:	
Site No:	FS0907	Site Name:	Loch na Thull
Business No:	FB0398	Business Name:	Loch Duart Ltd
2. How are mortalities disposed of?			Other (detail)
If other detail:			Whole fish taken to Badcall shorebase, for collection for disposal.

Video of mort bins and waste disposal unit at Loch Duart's Badcall shorebase (one destination is [Gray's Composting in Aberdeenshire](#)):



Loch Duart's graveyard for disease-ridden farmed salmon

More from Don Staniforc

Autoplay next video

Case No: 2019-0719 Date of visit: 05/12/2019  
Time spent on site: 7 hrs Main Inspector: [REDACTED]  
Site No: FS0088 Site Name: Cloudin  
Business No: FB0095 Business Name: Cooke Aquaculture Scotland Ltd  
2. How are mortalities disposed of? Whole fish - TWMA (Shetland)  
If other detail: Site also use on site incinerator

Case No: 2019-0718 Date of visit: 04/12/2019  
Time spent on site: 3 hrs Main Inspector: [REDACTED]  
Site No: FS0946 Site Name: North Voe  
Business No: FB0440 Business Name: Grieg Seafood Shetland Ltd  
2. How are mortalities disposed of? Whole fish - TWMA (Shetland)

Case No: 2019-0726 Date of visit: 04/12/2019  
Time spent on site: 10 hours Main Inspector: [REDACTED]  
Site No: FS0927 Site Name: Kyles of Vuia  
Business No: FB0189 Business Name: The Scottish Salmon Company  
2. How are mortalities disposed of?  
If other detail: whole fish to white shore cockles.

Case No: 2019-0399 Date of visit: 03/12/2019  
Time spent on site: 8 hrs Main Inspector: [REDACTED]  
Site No: FS0860 Site Name: Shapinsay  
Business No: FB0125 Business Name: Scottish Sea Farms Ltd  
2. How are mortalities disposed of?  
If other detail: Incinerated at central location at Twatt.

Mortalities are incinerated at central point for all SSF sites in Orkney, with the incinerator situated at Twatt.

Case No: 2019-0717 Date of visit: 03/12/2019  
Time spent on site: 3 hrs Main Inspector: [REDACTED]  
Site No: FS0408 Site Name: Poseidon  
Business No: FB0440 Business Name: Grieg Seafood Shetland Ltd  
2. How are mortalities disposed of? Whole fish - TWMA (Shetland)

Case No: 2019-0724 Date of visit: 03/12/2019  
Time spent on site: 5 hours Main Inspector: [REDACTED]  
Site No: FS0242 Site Name: Loch Odhairn (Gravir)  
Business No: FB0189 Business Name: The Scottish Salmon Company  
2. How are mortalities disposed of?  
If other detail: whole fish - white shore cockles

Case No: **2019-0715** Date of visit: **02/12/2019**

Time spent on site: **4 hrs** Main Inspector: **[REDACTED]**

Site No: **FS1076** Site Name: **Setterness North (Bomlo)**  
 Business No: **FB0440** Business Name: **Grieg Seafood Shetland Ltd**

2. How are mortalities disposed of? **Whole fish - TWMA (Shetland)**

Case No: **2019-0716** Date of visit: **02/12/2019**

Time spent on site: **3 hrs** Main Inspector: **[REDACTED]**

Site No: **FS1027** Site Name: **Linga (Setterness)**  
 Business No: **FB0440** Business Name: **Grieg Seafood Shetland Ltd**

2. How are mortalities disposed of? **Whole fish - TWMA (Shetland)**



[Cases 20190729-20190743](#)

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Case No: **2019-0729** Date of visit: **11/12/2019**

Time spent on site: **3.5 hours** Main Inspector: **[REDACTED]**

Site No: **FS0375** Site Name: **Loch Damph**  
 Business No: **FB0224** Business Name: **Torrion Smolts Ltd**

2. How are mortalities disposed of? **Incinerated - on site**

Photos of morts at Loch Damph (The Scottish Salmon Company):



Case No:	2019-0730	Date of visit:	11/12/2019
Time spent on site:	4.5 hours	Main Inspector:	[REDACTED]
Site No:	FS0248	Site Name:	Loch Duich
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?	Ensiled - on site		
If other detail:	Larger mortality events - whole fish transported to Dundas by Billy Bowie.		

Photo of Billy Bowie skip with padlocked lid at Mowi's Loch Duich salmon farm:

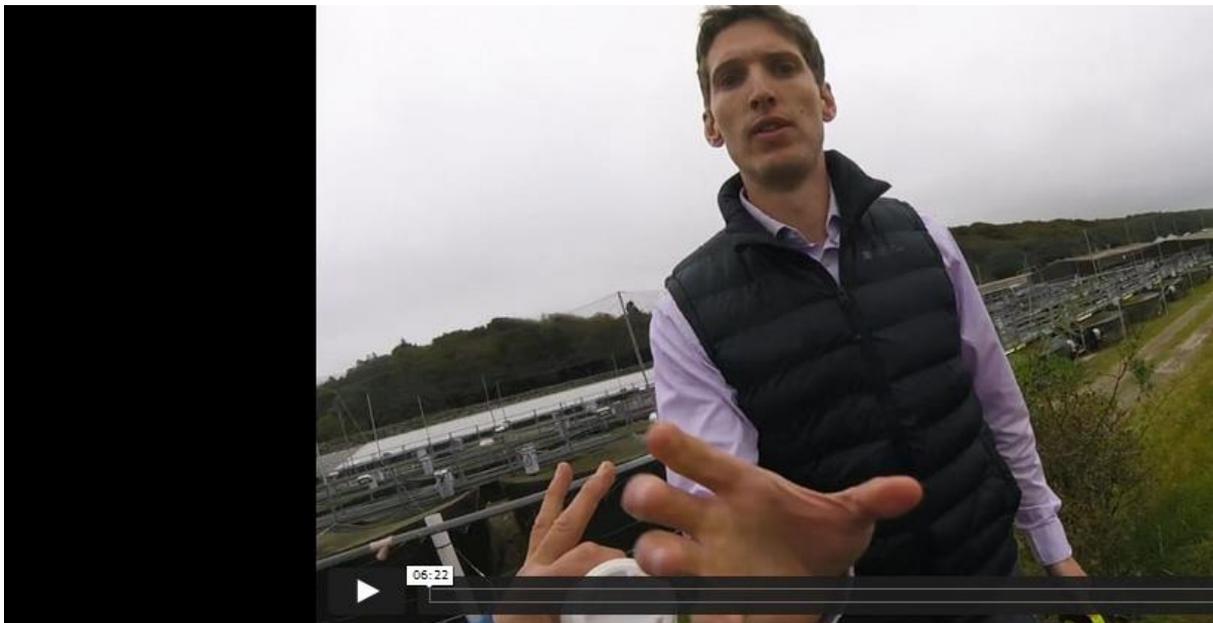


If the skip had been open here's video footage of inside a Billy Bowie skip at Mowi's Gorsten salmon farm:



Case No:	2019-0743	Date of visit:	10/12/2019
Time spent on site:	3.5 hrs	Main Inspector:	[REDACTED]
Site No:	FS0892	Site Name:	Clachbreac
Business No:	FB0061	Business Name:	Landcatch Natural Selection Ltd
2. How are mortalities disposed of?	[REDACTED]		
If other detail:	Sent to Ormsary for incineration		

When Scottish Salmon Watch filmed at Ormsary in September 2020 we were [assaulted by the General Manager](#):



## Assault by Hendrix Genetics Boss at Ormsary Salmon Hatchery

More

Case No:	2019-0735	Date of visit:	05/12/2019
Time spent on site:	3h	Main Inspector:	[REDACTED]
Site No:	FS0148	Site Name:	Amhuinnsuidhe Hatchery
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?		Ensiled - on site	

Case No:	2019-0733	Date of visit:	04/12/2019
Time spent on site:	3h	Main Inspector:	[REDACTED]
Site No:	FS0149	Site Name:	Loch Langavat
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?		Ensiled - on site	

Case No:	2019-0731	Date of visit:	03/12/2019
Time spent on site:	5hr	Main Inspector:	[REDACTED]
Site No:	FS0076	Site Name:	Barvas Hatchery
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?		Ensiled - on site	

Case No:	2019-0732	Date of visit:	03/12/2019
Time spent on site:	8h	Main Inspector:	[REDACTED]
Site No:	FS0562	Site Name:	Geocrab Hatchery
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?			Ensiled - on site

## November 2019:



[Cases 20190300-20190664](#)

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Case No:	2019-0559	Date of visit:	13/11/2019
Time spent on site:	4 hours	Main Inspector:	[REDACTED]
Site No:	FS1297	Site Name:	Tabhaigh
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?			Ensiled - on site

[Mowi's Tabhaigh salmon farm in Loch Erisort \(12 November 2019\)](#)



Case No:	2019-0561	Date of visit:	13/11/2019
Time spent on site:	9 hours	Main Inspector:	[REDACTED]
Site No:	FS1291	Site Name:	Caolas A Deas
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?			Ensiled - on site

Mortality disposal usually to Energen Cumbernauld - Fish during mass mortality go to landfill, white shore cockles on Uist.

Case No:	2019-0300	Date of visit:	12/11/2019
Time spent on site:	9 hours	Main Inspector:	
Site No:	FS1033	Site Name:	North Shore
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?			Ensiled - on site

Fish ensiled on site, any mass mortality event the fish are sent to landfill (white shore cockles and Deer dykes (ensiled waste) biogen, whole fish gogar).

Photo of [Gogar truck taking whole fish away from Mowi's North Shore salmon farm in 2017:](#)



Case No:	2019-0649	Date of visit:	13/11/2019
Time spent on site:	4hrs	Main Inspector:	
Site No:	FS0593	Site Name:	Inch Kenneth
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals		
If other detail:	Skipped on site then collected by Billy Bowie and taken to Dundas.		

Here's video footage inside a Billy Bowie skip at another salmon farm operated by The Scottish Salmon Company in Loch Fyne:



Lifting the Lid on Diseased & Deformed Scottish Salmon

More from Don Staniford

Autoplay next video



Lifting the L

Case No:	2019-0650	Date of visit:	13/11/2019
Time spent on site:	4hrs	Main Inspector:	
Site No:	FS0839	Site Name:	Geasgill
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals		
If other detail:	Skipped on site then collected by Billy Bowie and taken to Dundas.		

Here's more video footage inside a Billy Bowie skip stored at The Scottish Salmon Company's land-base at Strondoir Bay in Loch Fyne:



Case No:	2019-0648	Date of visit:	12/11/2019
Time spent on site:	4.5hrs	Main Inspector:	
Site No:	FS0964	Site Name:	Bloody Bay
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
2. How are mortalities disposed of?		Incinerated - on site	

On-site incinerators include: the MB1000AQ (other models used by salmon farmers [online here](#))

**obe waste and agri**      HOME   PRODUCTS -   DEALERS   NEWS -   CONTACT   |   Q

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**MB1000AQ**

The MB1000AQ aqua incinerator is specifically designed for use by the aquaculture industry.

The MB1000AQ incinerator is constructed in stainless steel to withstand harsh marine environmental conditions and features a hydraulic top load lid for safe, convenient loading. It has been designed based on feedback from our customers within the aquaculture industry. With a capacity of 1 ton, it is ideal for cost effective, biosecure disposal of fish waste and mortalities.

Case No: **2019-0664** Date of visit: **07/11/2019**

Time spent on site: **5 hours** Main Inspector: **[REDACTED]**

Site No: **FS1296** Site Name: **Colonsay**

Business No: **FB0119** Business Name: **Mowi Scotland Ltd**

2. How are mortalities disposed of? **Ensiled - on site**

Ensiled material collected by Fergusons Transport in a tanker on a boat - load and unload at Oban,



[Cases 20190665-20190690](#)

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117 page PDF | 10.2 MB

Case No: **2019-0685** Date of visit: **13/11/2019**

Time spent on site: **3.5 hours** Main Inspector: **[REDACTED]**

Site No: **FS0371** Site Name: **Yetts O' Muckart**

Business No: **FB0235** Business Name: **Cooke Aquaculture (Freshwater) Ltd**

2. How are mortalities disposed of? **Ensiled - on site**

Case No: **2019-0689** Date of visit: **13/11/2019**

Time spent on site: **6.5 hrs** Main Inspector: **[REDACTED]**

Site No: **FS0645** Site Name: **Kirk Noust**

Business No: **FB0095** Business Name: **Cooke Aquaculture Scotland Ltd**

2. How are mortalities disposed of? **Other (detail)**

If other detail: **Morts taken to Keenan Recycling Ltd, Hillhead, Auchreddie, New Deer, Turriff, Aberdeenshire**



Case No: **2019-0686** Date of visit: **12/11/2019**

Time spent on site: **4.5 hrs** Main Inspector: **[REDACTED]**

Site No: **FS0813** Site Name: **Puldrite**

Business No: **FB0125** Business Name: **Scottish Sea Farms Ltd**

2. How are mortalities disposed of? **Other (detail)**

If other detail: **Taken onshore at Kirkwall then transported to company yard at Twatt for incineration.**

Case No: **2019-0669** Date of visit: **06/11/2019**

Time spent on site: **2.5h** Main Inspector: **[REDACTED]**

Site No: **fs0265** Site Name: **Inverkerry Smolt Unit**

Business No: **FB0081** Business Name: **Landcatch Natural Selection Ltd**

2. How are mortalities disposed of? **Ensiled - on site**

Case No: **2019-0665** Date of visit: **05/11/2019**

Time spent on site: **4 hours** Main Inspector: **[REDACTED]**

Site No: **FS1328** Site Name: **Barcaldine Smolt Unit**

Business No: **FB0125** Business Name: **Scottish Sea Farms Ltd**

2. How are mortalities disposed of? **Ensiled - on site**

Fish ensiled on site and waste transported by Murdoch and Sons Ltd to Deerdykes composting, Scottish Waters Cumbernauld.

The Herald [reported in August 2020](#):

1st August

## Fish waste holds the promise of rich Scottish harvest

*From fish tanks to farmers' fields, Scotland's salmon growers are transforming nutrient-bearing fish waste into fertiliser to enrich agricultural land*

Ensuring the sludge is both safe and suitable for agricultural land is Invergordon-based waste management company Rock Highland, part of the Avanti Environmental Group.



Once the sludge has been certified as being safe for use on agricultural land, the nutrient-rich by-product is then uplifted from the storage tank by tractor and barrel and spread onto the land to enrich the soil and aid crop development.

"In addition to Scottish Sea Farms, we're also working closely with MOWI Scotland and the Scottish Salmon Company, with our proven model now collecting sludge from most of the salmon hatcheries across the Highlands and Islands of Scotland.



[Cases 20190692-20190723](#)

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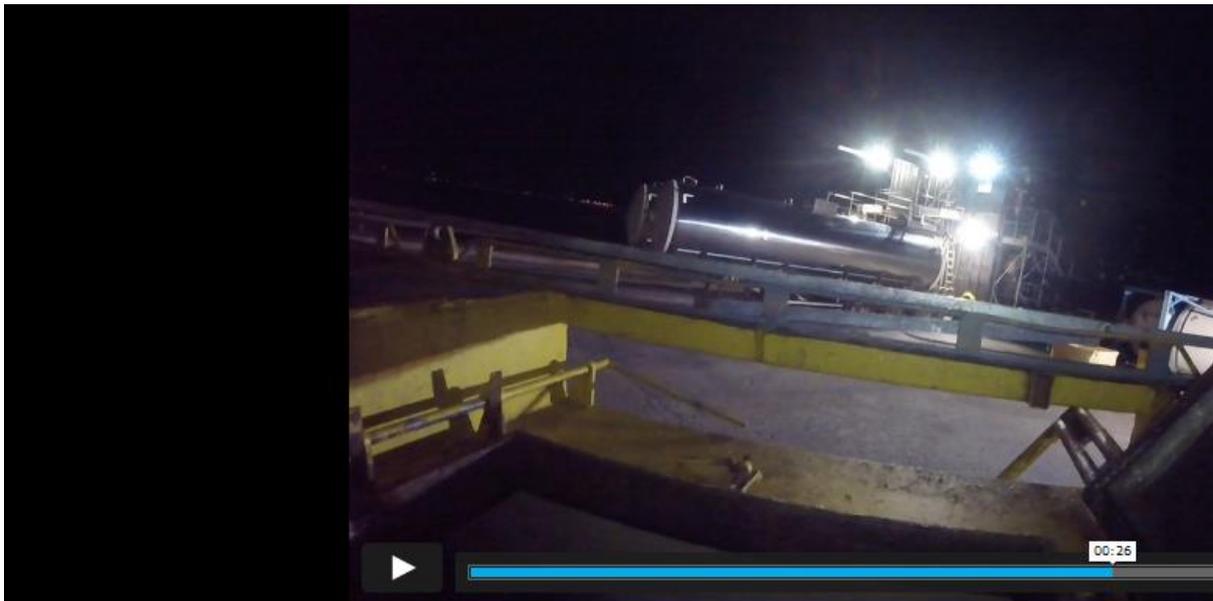
92 page PDF | 8.2 MB

Case No:	2019-0700	Date of visit:	21/11/2019
Time spent on site:	5 Hours	Main Inspector:	
Site No:	FS1056	Site Name:	Strone Point
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals		

Photos of farmed salmon at Strone Point [published via FHI 'Case Information'](#):



This could be video footage of the morts being transported to Dundas Chemicals (via the Toward factory):



## Dead 'Cleaner Fish' & Farmed Salmon at The Scottish Salmon Company at Toward

Here's video footage shot inside Strone Point salmon farm in July 2020:





## [Additional cases 20190562-2019-0713](#)

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Case No:	2019-0712	Date of visit:	26/11/2019
Time spent on site:	2h	Main Inspector:	
Site No:	FS0398	Site Name:	Clachan Hatchery
Business No:	FB0444	Business Name:	Hebridean Smolts Ltd
2. How are mortalities disposed of?			
If other detail: White shore cockles			

Case No:	2019-0713	Date of visit:	26/11/2019
Time spent on site:	4h	Main Inspector:	
Site No:	FS1280	Site Name:	Loch Carnan
Business No:	FB0398	Business Name:	Loch Duart Ltd
2. How are mortalities disposed of?			
If other detail: White shore cockles			

Case No:	2019-0701	Date of visit:	15/11/2019
Time spent on site:	0	Main Inspector:	
Site No:	FS0253	Site Name:	Loch Speive (B)
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
How are mortalities disposed of?			Incinerated - on site
If other detail:			

Estimated numbers lost; stocked with 382344 - 199124 culled, 177588 morts and 24000 harvested, Morts reported; 16/09/2019-22/09/2019 average wt ;1.5 kg 4.7%/site/wk Cause; Post physical delousing, CGD 30/09/2019-06/10/2019 average wt; 1.5 kg 9.1%/site/wk Cause; Environmental - planktonic gill insult, CGD 07/10/2019-13/10/2019 average wt; 1.5 kg 17.8%/site/wk Cause; Environmental - planktonic gill insult. CGD 14/10/2019 -20/10/2019 average wt;1.5 kg 22.1%/site/wk Cause; Environmental - plankton gill insult, CGD 21/10/2019-27/10/2019 average wt; 1.2 kg 7.8%/site/wk Cause; Environmental - plankton gill insult, CGD

Mortalities [featured in Private Eye in February 2020](#):



No. 1516  
21 February -  
5 March 2020  
£2.00

# PRIVATE EYE

## SALMON FARMING

### Killing fields

**T**HE not-so-great escape of 74,000 farmed salmon into the open sea from Mowi's fish farm off the Isle of Colonsay last month turns out to be just one of a number of unfortunate incidents that have blighted the Atlantic's biggest salmon producer (see last *Eye*).

Recent Scottish government papers now reveal another incident at a Mowi Scottish farm, this one in Loch Duich, in December. The event was described as a "malfunction with mechanical lice treatment boat resulting in treatment mortality". These lice treatment boats strip the fish of sea lice by washing them in water which, at 34°C, is too warm for sea lice to tolerate. The practice is questioned by animal welfare experts, who liken the experience to the fish being put through a washing machine. Mowi's malfunctioning treatment boat killed 25,966 fish.



With mass escapes, disease, mortalities caused by sea lice and malfunctioning boats, it's no surprise Mowi announced a fall in earnings last week. Its pre-tax earnings per kilogram of Scottish fish were down more than 40 percent on the previous year.

The Norwegian-based company's 2019 figures did, however, show a record worldwide harvest. Scottish production in the last quarter of the year was higher than expected at 14,000 tonnes. But the large Scottish harvest masked a problem, as sea lice infestations had forced the fish farmer to slaughter stocks at a younger age.

Mowi's quarterly report noted in the driest business-speak: "The biological situation in our Scottish farming operations was challenging in the fourth quarter." It went on to acknowledge an increased medicinal treatment of sea lice at its Scottish farms, which were also blighted by disease and infections requiring antibiotic treatment, including *pasteurella skyensis*,

pancreas disease and cardiomyopathy syndrome.

Meanwhile, the *Sunday Times* reported that the RSPCA received £500,000 in the past year from the Scottish salmon producers who take part in its RSPCA Assured scheme. The scheme provides valuable PR for the fish farmers and reassurance for consumers but, as *Eye* 1480 noted, it also has close links to the industry, with 15 of the 22 members of the RSPCA's salmon standards technical advisory group coming from the fish industry itself.

The RSPCA says the money it earns from fish farms is ploughed back into the charity and its inspections ensure that welfare standards are met. Those inspections didn't help much at Loch Spelve fish farm on the Isle of Mull. The farm is part of Scottish Sea Farms Ltd, which proudly trumpets its association with the RSPCA Assured scheme. Newly released data reveals that a mass mortality event occurred at the farm in October after the salmon were affected by complex gill disease: 177,000 fish died, 199,000 more were culled, and only 24,000 were harvested.



Case No: 2019-0672 Date of visit: 14/11/2019  
Time spent on site: 6hrs Main Inspector: [REDACTED]  
Site No: FS0212 Site Name: Invasion Bay  
Business No: FB0119 Business Name: Mowi Scotland Ltd  
2. How are mortalities disposed of? Whole fish - Dundas Chemicals  
If other detail: Waste is ensiled on site, prior to collection by Billy Bowie and taken to Dundas.

Case No: 2019-0666 Date of visit: 06/11/2019  
Time spent on site: 4 hours Main Inspector: [REDACTED]  
Site No: FS0336 Site Name: Druimyeon Bay  
Business No: FB0169 Business Name: The Scottish Salmon Company  
2. How are mortalities disposed of? Whole fish - Dundas Chemicals

Photos [published via FHI 'Case Information'](#):





Case No:	2019-0670	Date of visit:	06/11/2019
Time spent on site:	6h	Main Inspector:	
Site No:	FS0549	Site Name:	Tanera
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
1. Mortality records available for inspection?			
2. How are mortalities disposed of?			
			Other (detail)
If other detail: Incinerated at Fada site			

When Scottish Salmon Watch visited Tanera salmon farm in September 2018 we filmed maggot-infested morts stored on a floating platform:



Stomach-churning Scottish Salmon Infested with Maggots

More from Don Staniford

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## Mort bins at Scottish Sea Farms in the Summer Isles

More from Don Staniford

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Case No:	<input type="text" value="2019-0668"/>	Date of visit:	<input type="text" value="04/11/2019"/>
Time spent on site:	<input type="text" value="4h"/>	Main Inspector:	<input type="text" value=""/>
Site No:	<input type="text" value="FS0621"/>	Site Name:	<input type="text" value="Loch A Chairn Bhain"/>
Business No:	<input type="text" value="FB0398"/>	Business Name:	<input type="text" value="Loch Duart Ltd"/>
2. How are mortalities disposed of?			
If other detail: <input type="text" value="Composting (DK waste) Greys composting"/>			

Gray Composting

Telephone: 01542 842721 Email: info@graycompost.co.uk

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## Scottish Government – Animal By Products Certificate

The current EU ABP Regulation (EC/1774/2002) controls the use and disposal of animal by-products (i.e. entire bodies, parts of animals, and products of animal origin not intended for human consumption). The regulation has a very wide scope covering all animal products including meat, fish, milk and eggs when they are not intended for human consumption and other products of animal origin including blood, hides, feathers, some shells, wool, bones, horns and hoofs.

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## Grays Compost Moving Compost



### [Additional cases 20190671-20190714](#)

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Case No:	<input type="text" value="2019-0714"/>	Date of visit:	<input type="text" value="27/11/2019"/>
Time spent on site:	<input type="text" value="5h"/>	Main Inspector:	<input type="text" value=""/>
Site No:	<input type="text" value="FS1254"/>	Site Name:	<input type="text" value="Outer Eport"/>
Business No:	<input type="text" value="FB0169"/>	Business Name:	<input type="text" value="The Scottish Salmon Company"/>
2. How are mortalities disposed of?			
If other detail:	<input type="text" value="White shore cockles"/>		

Case No:	2019-0671	Date of visit:	26/11/2019
Time spent on site:	2h	Main Inspector:	
Site No:	FS0145	Site Name:	Mingarry Hatchery
Business No:	FB0444	Business Name:	Hebridean Smolts Ltd
2. How are mortalities disposed of?			
If other detail: White shore cockles via Clachan Hatchery			

Case No:	2019-0651	Date of visit:	14/11/2019
Time spent on site:	5.5 hours	Main Inspector:	
Site No:	FS0696	Site Name:	Fiunary
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
2. How are mortalities disposed of?			Incinerated - on site

Mortality removal is carried out 3 times a week by lifting a dead sock from the bottom of each cage, divers will also remove mortalities during dive inspections which take place approximately every 2 weeks.

When Scottish Salmon Watch visited Fiunary salmon farm in August 2020 we [filmed skeletons of dead salmon left in the nets during harvesting](#) - before we were [chased off site by the farm manager](#):



Caged Salmon: The Skeletons Lurking Inside Scottish Sea Farms

October 2019:



[Cases 20190496-20190580](#)

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142 page PDF | 11.6 MB

Case No:	2019-0496	Date of visit:	02/10/2019
Time spent on site:	4.5hrs	Main Inspector:	
Site No:	FS1281	Site Name:	Sgian Dubh
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals		
If other detail:	Skipped on shorebase, collected by Billy Bowie and taken to Dundas.		

Here's video footage inside the skip at the shorebase (at [Toward, Ardyne Point](#)) in July 2020 (mostly wrasse mortalities which are not [counted/reported by the Scottish Government](#)):



Dead 'Cleaner Fish' & Farmed Salmon at The Scottish Salmon Company at Toward

More from Dor

Autoplay ne

Case No:	2019-0534	Date of visit:	02/10/2019
Time spent on site:	3.5 hours	Main Inspector:	
Site No:	FS0254	Site Name:	Knock
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals		

Case No:	2019-0536	Date of visit:	03/10/2019
Time spent on site:	3.5 hours	Main Inspector:	[REDACTED]
Site No:	FS0839	Site Name:	Geasgill
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?		Whole fish - Dundas Chemicals	

Case No:	2019-0537	Date of visit:	03/10/2019
Time spent on site:	3.5 hours	Main Inspector:	[REDACTED]
Site No:	FS0593	Site Name:	Inch Kenneth
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?		Whole fish - Dundas Chemicals	



[Cases 20190581-20190613](#)

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Case No:	2019-0603	Date of visit:	17/10/2019
Time spent on site:	5 hours	Main Inspector:	[REDACTED]
Site No:	FS0292	Site Name:	Bight of Foraness
Business No:	FB0440	Business Name:	Grieg Seafood Shetland Ltd
2. How are mortalities disposed of?		Incinerated - Shetland Waste to Energy	

Case No:	2019-0602	Date of visit:	16/10/2019
Time spent on site:	6 hours	Main Inspector:	[REDACTED]
Site No:	FS1275	Site Name:	Flaeshins
Business No:	FB0095	Business Name:	Cooke Aquaculture Scotland Ltd
2. How are mortalities disposed of?		Incinerated - Shetland Waste to Energy	

Case No:	2019-0601	Date of visit:	15/10/2019
Time spent on site:	1 hour	Main Inspector:	[REDACTED]
Site No:	FS1095	Site Name:	Cliff Site
Business No:	FB0095	Business Name:	Cooke Aquaculture Scotland Ltd
2. How are mortalities disposed of?		Incinerated - Shetland Waste to Energy	

Batch from Cairndow fish arrived on site (6/08/2019) with BGD and fungus issues. The decision was made after enduring significant mortality in wb: 16/09/19, to cull the remaining stock received from Cairndow. Mortality in wb: 16/09/2019 was reported to the FHI, however because it was within 6 weeks of the fish being stocked, this was not required.

Unannounced inspection was conducted, this was carried out in response to an anonymous complaint made to the FHI that morts were being dumped on the shore of the loch in which Cliff site is located. When the site manager was asked about this claim, he remarked that there had been no occasion or occurrence where morts could have ended up on the shore. Upon inspection of site, no dead fish were observed around the site, or the shores of the loch the site is located in.

Case No:	2019-0583	Date of visit:	09/10/2019
Time spent on site:	4.5 hrs	Main Inspector:	
Site No:	FS0270	Site Name:	Loch Avich
Business No:	FB0134	Business Name:	Kames Fish Farming Ltd

Results from FVG from samples taken on the 16th September came back positive for furunculosis on the 19th. FVG also reported haemorrhaging in different organs, including the gills. Internal lesions were not as obvious as external ones. Bacteriology plates cultured by Kames isolated *Aeromonas salmonicida*, causative agent of furunculosis.

Recent (last 4 wks) disease problems?	Y	Any escapes (since last visit)?	N
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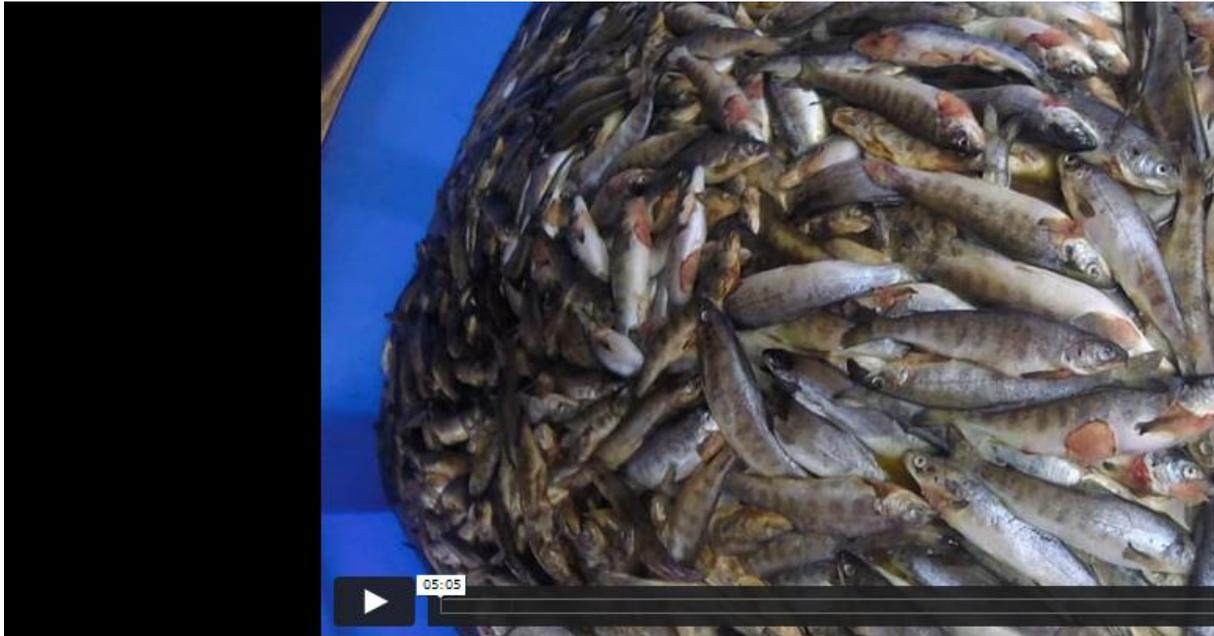
If yes, detail: Morts jumped from 0.01% to over reporting level 1 week after vaccination. Furunculosis & saprolegnia confirmed on site by vet. Haemorrhaging noted in different organs inc. gills. Internal lesions not as obvious as external. Bacteriology cultures isolated *Aeromonas salmonicida*

2. How are mortalities disposed of?

If other detail: Morts moved by bin to kames pier and ensiled daily.

Here's video footage from Kames pier filmed in [July 2020](#) and [September 2020](#):





## The Killing Farms by RSPCA Assured Kames



**Don Staniford**  
@TheGAAIA



Dead fish [@rspcaassured](#) [@salmon\\_scottish](#) in Loch Damph from 2019 look eerily familiar to the Loch Tralaig morts [@kamesfishfarm](#) during 2020. Is this part of the "escalating saprolegniosis outbreaks on salmon farms"? [@thefishsite](#) [@SSPOsays](#) [@scottishaqua](#) [tinyurl.com/y433lx72](https://tinyurl.com/y433lx72)



Biotechnology and Biological Sciences Research and 9 others

2:19 PM · Oct 8, 2020 · Twitter Web App



## Cases 20190614-20190632

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Case No:	2019-0627	Date of visit:	31/10/2019
Time spent on site:	5 hrs	Main Inspector:	
Site No:	FS0605	Site Name:	Creag an T'Sagairt (Loch Hourn)
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?		Biogas - Energen, Cumbernauld	

Case No:	2019-0624	Date of visit:	23/10/2019
Time spent on site:	3 hours	Main Inspector:	
Site No:	FS0629	Site Name:	Poll Na Gille
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
Recent (last 4 wks) disease problems?		Any escapes (s	Y
If yes, detail:	Anaemia, complex gill disease, suspected pasteurilla skyensis, CMS		
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals		
If other detail:	Mortality waste also taken to Energen Biogas, Cumbernauld		
3. Mortality records complete and correctly entered?			Y
4. Recent mortality (last 4 wks):	w/b 23/09/19 - 5255 (0.89%), w/b 30/09/19 - 6079 (1.1%), w/b 07/10/19 - 21613 (4.08%), w/b 14/10/19 - 49795 (10.11%). Increase mortality attributed to a combination of complex gill disease, anaemia and suspected pasteurilla skyensis, all cages affected.		

OneKind [ranked Mowi's Poll Na Gille salmon farm as the worst in Scotland in a report published in 2018](#) with [video footage shot by David Ainsley of dead salmon at the bottom of the cage](#):



Dead salmon at the bottom of a cage in a salmon farm

More from David Ainsley

Autoplay next video

[Dead salmon](#)

Case No:	2019-0625	Date of visit:	23/10/2019
Time spent on site:	3 hours	Main Inspector:	
Site No:	FS0859	Site Name:	Port Na Cro
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals		
If other detail:	Also taken to Energen Biogas, Cumbernauld		
3. Mortality records complete and correctly entered?			Y
4. Recent mortality (last 4 wks):	w/b 23/09/19 - 2131 (0.83%), w/b 30/09/19 - 1479 (0.58%), w/b 07/10/19 - 6062 (2.4%), w/b 14/10/19 - 14173 (5.62%). Recent increase in mortality attributed to anaemia and suspected pasteurella skyensis infection. Both remaining stocked cages affected.		

Photos [published by the FHI along with the Case Information:](#)



Case No:	2019-0620	Date of visit:	23/10/2019
Time spent on site:	3 hours	Main Inspector:	
Site No:	FS0776	Site Name:	Loch nan Losghainn Mhor
Business No:	FB0134	Business Name:	Kames Fish Farming Ltd
2. How are mortalities disposed of?	Ensiled - on site		
If other detail:	Ensiled at Kames shore base		
3. Mortality records complete and correctly entered?	Y		
4. Recent mortality (last 4 wks):	Up to 40-50 fish per cage per week but often less and often single figures per day		
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?	Y		
If yes, detail:	Peak in mortality in September following vaccination loss of 2,000 plus fish in 3 week period - attributed to handling mortalities		
7. Have increased (unexplained) mortalities been reported to vet or FHI?	Y		
Further detail notes:	Veterinary visits conducted. Suggested bacterial septicaemia 19 September, suggested furunculosis - 30% mortalities with clinical signs 39 morts on 19th. Skin haemorrhages and changes in internal organs associated with bacterial septicaemia. Additional vet visits 4/10 revealed no bacterial septicaemia coinciding with lower mortalities.		

Case No:	2019-0619	Date of visit:	22/10/2019
Time spent on site:	5.5 hours	Main Inspector:	
Site No:	FS0413	Site Name:	Camas Glas
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals		
If other detail:	Mortality waste also taken to Energen Biogas, Cumbernauld		
3. Mortality records complete and correctly entered?	Y		
4. Recent mortality (last 4 wks):	w/b 23/09/19 - 1826 (0.2%), w/b 30/09/19 - 17,194 (2.58%), w/b 07/10/19 - 75,827 (10.38%), w/b 14/10/19 - 35,340 (3.44%) - mortalities attributed to <i>Pasteurella skyensis</i>		
5. Evidence of recent increased/atypical mortalities?	Y		
If yes, facility nos/no mortality per facility/no stock per facility/reason:	w/b 30/09/19: cage 2 - 11056. w/b 07/10/19: cage 2 - 17900, cage 4 - 19130, cage 6 - 8900, cage 7 - 12530, cage 8, 10500. w/b 14/10/19: cage 2 - 1980, cage 4 - 2800, cage 5 - 9600, cage 6 - 4000, cage 8 10800.		

The above site was inspected following a report of increased mortality by the business. Inspection of records on site showed mortality levels of 2.58%, 10.38% and 3.44% for the previous three weeks respectively. Increased mortality was attributed to *Pasteurella skyensis*, with the majority of mortalities occurring in one of the two cage groups which make up the site. At the time of inspection, one cage remained stocked at the affected cage group, the remaining cages having been harvested out. During inspection of the site a number of lethargic fish were observed in the remaining stocked cage in the cage group where the increased mortality occurred. Five fish were removed for further examination and subsequent diagnostic sampling.



[Cases 20190636-20190656](#)

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111 page PDF | 9.0 MB

Case No:	2019-0639	Date of visit:	30/10/2019
Time spent on site:	5.5 hrs	Main Inspector:	
Site No:	FS1084	Site Name:	Isle Ewe
Business No:	FB0119	Business Name:	Mowi Scotland Ltd

2. How are mortalities disposed of?

Mortality peaks noted in previous cycle. 17/09/18 - 23/09 (3057, 1.36%), 22/10/18 - 28/10/18 (7382, 3.4%), 5/11/18 - 11/11/18 (6679, 3.24%) and 12/11/18 - 18/11/18 (4852, 2.4%), no specific pens affected. CMS and gill anaemia gradually worked its way around entire site. Site also affected by plankton insult. These had already been reported to FHI.

Here's video footage of morts stored in a Billy Bowie skip on site at Mowi's Isle of Ewe salmon farm in November 2018:



Yummy Skinless Scottish Salmon brought to you by Marine Harvest (MOWI)

More from Don Staniford

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Case No:	2019-0652	Date of visit:	30/10/2019
Time spent on site:	6 hours	Main Inspector:	[REDACTED]
Site No:	FS0752	Site Name:	Taranaish
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?			
If other detail:	White shore cockles		

Case No:	2019-0653	Date of visit:	30/10/2019
Time spent on site:	6 hours	Main Inspector:	[REDACTED]
Site No:	FS1233	Site Name:	Eughlam
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?			
If other detail:	Whole fish - White shore cockles		

Case No:	2019-0644	Date of visit:	29/10/2019
Time spent on site:	4.5h	Main Inspector:	[REDACTED]
Site No:	FS0612	Site Name:	Loch Merkland
Business No:	FB0341	Business Name:	Migdale Smolts Ltd
2. How are mortalities disposed of?			
If other detail:	Ensiled - on site very little ensiled waste only uplifted very infrequently none collected since last inspection		

Case No:	2019-0643	Date of visit:	28/10/2019
Time spent on site:	1.5h	Main Inspector:	[REDACTED]
Site No:	FS0913	Site Name:	Wester Fearn
Business No:	FB0391	Business Name:	Highland Salmon Company Ltd

2. How are mortalities disposed of?  
If other detail: **permission from SEPA to bury mortalities on site**

Case No: **2019-0645** Date of visit: **28/10/2019**  
Time spent on site: **1 hr** Main Inspector: **[REDACTED]**  
Site No: **FS0568** Site Name: **Tulich Hatchery**  
Business No: **FB0169** Business Name: **The Scottish Salmon Company**

2. How are mortalities disposed of?  
If other detail: **Ensilied at Strome (where stock was sourced from)**

120,000 eggs to be sent to Langass Hatchery to create elite batch to start broodstock family.



[Additional Cases 20190396-20190635](#)

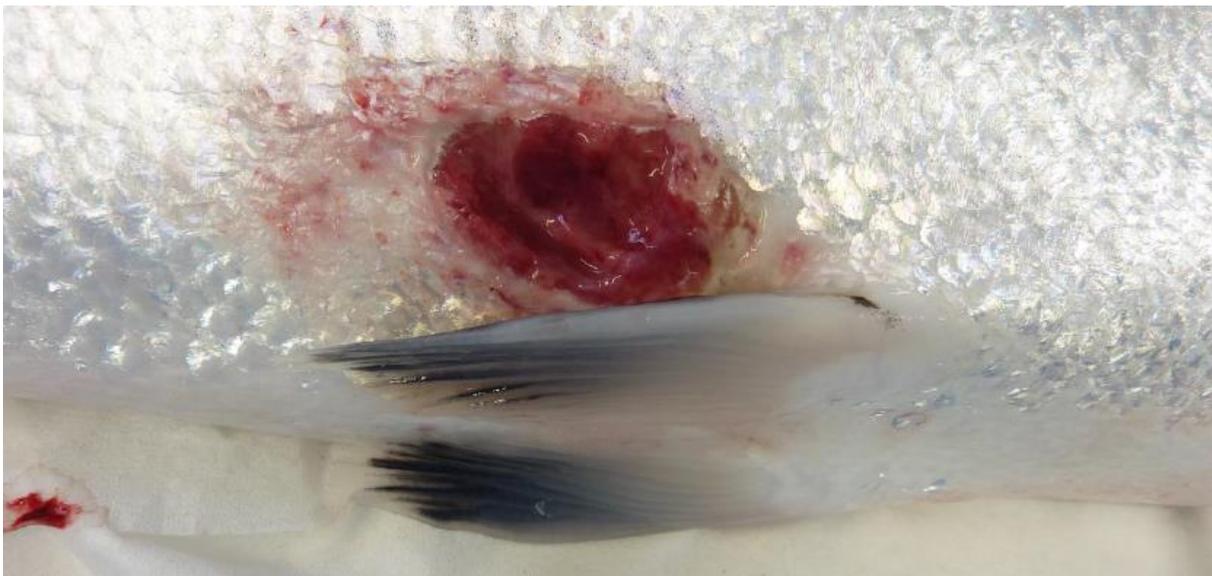
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123 page PDF | 12.6 MB

Case No: **2019-0564** Date of visit: **31/10/2019**  
Time spent on site: **6hrs** Main Inspector: **[REDACTED]**  
Site No: **FS0067** Site Name: **Badcall Bay**  
Business No: **FB0398** Business Name: **Loch Duart Ltd**  
2. How are mortalities disposed of? **Other (detail)**  
If other detail: **whole fish to Grays Composting, Fordyce**  
3. Mortality records complete and correctly entered? **Y**  
4. Recent mortality (last 4 wks):  

wk 40	5,101	morts	4.09%	wk41	3,904	morts	3.26%	wk42	3,026	morts	2.62%
wk 43	4,386	morts	3.89%								

Photos published with FHI 'Case Information':



Case No:	2019-0635	Date of visit:	29/10/2019
Time spent on site:	3.5 hours	Main Inspector:	[REDACTED]
Site No:	FS0150	Site Name:	Loch Lochy
Business No:	FB0119	Business Name:	Mowi Scotland Ltd

2. How are mortalities disposed of? Incinerated - on site  
Cress being used due to supply issues with Pyceze. Under prescription - cascade so 500dd withdrawal. Recorded on master treatment spreadsheet as Odd.  
Mortalities incinerated on site, but cull at grading disposed of via Dundas chemicals.

Case No:	2019-0634	Date of visit:	28/10/2019
Time spent on site:	4 hours	Main Inspector:	
Site No:	FS1104	Site Name:	Laddie Wood, Loch Garry
Business No:	FB0119	Business Name:	Mowi Scotland Ltd

2. How are mortalities disposed of?  Ensiled - on site

No ensiled material moved off since last inspection.  
 Now using Cress - Bronopol. Issues with Pyceze supply. Cress is a Chilean version and has been prescribed under cascade.

Case No:	2019-0577	Date of visit:	17/10/2019
Time spent on site:	11h	Main Inspector:	
Site No:	FS0245	Site Name:	Ardintoul
Business No:	FB0119	Business Name:	Mowi Scotland Ltd

Cleanerfish mortality - Lumpstickers: August 2019 10,260 morts in Lumpfish, treated for bacterial infection, September 2019 7,209 morts. October to date: 2,461 morts. Wrasse: August 2019 2,086 and September 2019 3,006 morts. Large number of handling events from treatments likely to have contributed to increased morts.

Prescription dated 13 August 2019 for cleanerfish infeed treatment with Aquatet for bacterial infection.  
 Lethargic fish observed in all pens. Some morts floating observed in all pens. Five salmon and one lumpfish with damage to the caudal fin removed for diagnostic sampling.

2. How are mortalities disposed of?  Other (detail)

If other detail:  normally incinerated on shore, due to higher mortality one transport of whole fish to Cumbernauld

3. Mortality records complete and correctly entered?  Y

4. Recent mortality (last 4 wks):  
 SAL: w/b 9/9/19 1,641 morts per site (0.20%); w/b 16/9/19 1617 morts per site (0.19%); w/b 23/9/19 9,651 morts per site (1.18%); w/b 30/9/19 43,456 morts per site (5.41%); w/b 7 /10/19 17,094 morts per site (2.25%). Total morts from 9/9/19 to 13/10/19 73,459 (9.01%).

5. Evidence of recent increased/atypical mortalities?  Y

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

SAL: Mortality starting to increase across the site 28/29 September between 0-500 per pen over two days. 30/9/19 5,600 morts pen 1, 1,700 morts each in pen 3, 5, 7. 1/10/19 1,750 pen 7, 1,500 morts pen 9, 1,850 morts pen 10, 2,500 morts pen 11, 2,250morts pen 12. 2/10/19 2,125 morts pen 2, 2,825 morts pen 4, 1,065 morts pen 6, 3,500 pen 8, 3,150 morts pen 12. 3/10/19 2,100 morts pen 9. 3/10/19 and following days morts sharply drop off to mid-low hundreds or double digit figures. Occasional higher numbers : 9/10/19 pen2 900 morts, 11/10/19 1,250 morts pen 3, 12/10/19 1,400 morts pen 6, 13/10/19 1,610 morts pen 7, 1,090 morts pen 10. But overall decreased to low hundreds (occasional mid hundred) and double digits per pen per day. Over the last month (9/9-13/10) most mortalities attributed to anaemia (48,879 morts) and peroxide treatment (10,700 morts total from pen 1,3,5 and 7 only). 10/10/2019 5,220 morts attributed to thermolicer treatments. This is due to gill issues and the fish being slightly too small. Normally considerable lower post treatment morts.

6. Any other peaks in mortality during period checked?  Y

If yes, detail:  
 SAL: On input slight increase in pen 6 and pen 10 due to fungus. Some mortality attributed to seal predation. Seal targeting very small fish in specific pens repeatedly (pen 10). Persistently increasing morts from seal predation 1,365 morts in June 2019. July 2019 3,221 morts due to concussions due to increased Caligus burdens. Slice treatment administered. August 2019 6,380 morts attributed to Salmosan treatment, 2,185 morts attributed to thermolicer. Total morts for September 29,065 attributed to anaemia, two peroxide treatments, thermolicer and decomposed.

3. Any significant results?  Y

If yes, detail (if not detailed under recent disease problems).  AGD and anaemia (pale gills)

Company vet report from 25/9/2019. Advance AGD and anaemia on site. Peroxide treatment ordered which is expected to cause some mortality in severely anaemic fish. Anaemia diet has been started. Higher than normal levels of cataracts observed on site. Change in feed to support eye problems. Health report from 26 August due to unexpected high post treatment (Salmosan) morts, further lice treatment required, poor gill health with obvious AGD lesions, gills also appear affected by relatively recent environmental source, no plankton recorded so to investigate jellyfish. Health report 8/8/19 noting high mortalities due to concussion. Health report 24/01/2019 increased input morts due to previously diagnosed health issues in freshwater (fungus).

F6 lumpfish had the majority of the caudal fin missing. Lesion sample from open wound on the remains of the caudal fin.

### Observations

Increased mortalities due to complex gill issues had been reported from the site in the lead up to the inspection. Week beginning 23/9/19 1.18% salmon mortality; w/b 30/9/19 5.41% salmon mortality; w/b 7 /10/19 2.25% salmon mortality. Cleanerfish mortality was found to be elevated on the site as well with lumpfish particularly affected. Mortalities attributed to a bacterial infection had peaked in August and after a treatment had been declining but were still elevated at the time of visit with 2,461 lumpfish mortalities reported from 1-17 October 2019. At the time of the visit moribund fish and some floating mortalities were observed in all cages. Five Atlantic salmon and one lumpfish were removed for diagnostic sampling.

All five salmon were severely lethargic and the lumpfish was moribund showing signs of difficulty maintaining its position in the water due to extensive damage to the caudal fin. F2 and F3 were slightly anorexic and F1, F4 and F5 had shortened opercula. All five salmon had pale gills and the gills of F1, F3-F5 had a zoned appearance.

Internally F3 and F4 had bloody ascites and F2-F4 showed petechial haemorrhaging on the liver, with pale livers recorded in F1, F3-F5. The spleen was enlarged in F1 and yellow pseudo-faeces were present in F3. The kidney appeared grey and granular in F1, F3 and F5. General anaemia was observed in F1-F4.

Photos published with FHI 'Case Information':





Case No:	2019-0600	Date of visit:	15/10/2019
Time spent on site:	4 hours	Main Inspector:	[REDACTED]
Site No:	FS0476	Site Name:	Quoys Hatchery
Business No:	FB0095	Business Name:	Cooke Aquaculture Scotland Ltd
2. How are mortalities disposed of?	Incinerated - Shetland Waste to Energy		



[Additional case 20190647](#)

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Case No:	2019-0647	Date of visit:	28/10/2019
Time spent on site:	6 hours	Main Inspector:	[REDACTED]
Site No:	FS1033	Site Name:	North Shore
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?	Ensiled - on site		

### Observations

An unannounced inspection was carried out at the above site following a report of increased mortality by the business. Inspection of records on site showed mortality levels of 3.07% and 4.66% for the previous two weeks respectively. Increased mortality was attributed to gill disease and anaemia. At the time of inspection a Salmosan treatment was being administered for the control of sea lice. During inspection of the site, a number of cages had visibly moribund fish hanging round the edges of the net, displaying extreme lethargy and significant lice damage. Five fish were removed for further examination and subsequent diagnostic sampling.

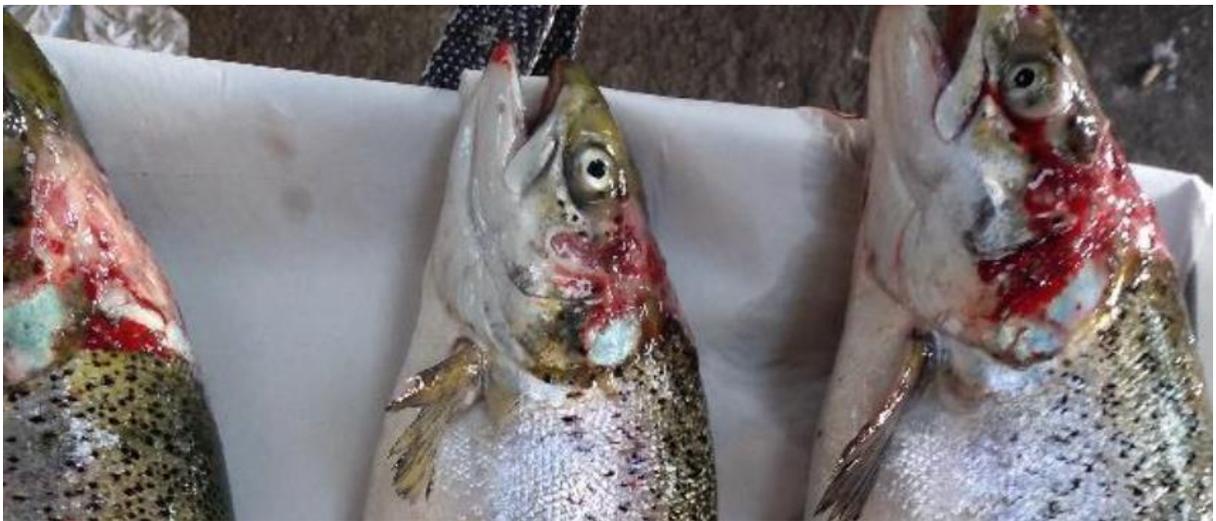
Externally, all 5 fish displayed significant haemorrhaging and loss of scales and skin around the head. The gills on all 5 fish were pale and zoned.

Internally, F4 had a significant amount of bloody ascites within the body cavity. All 5 fish showed enlarged spleens.

Photos published via FHI's 'Case Information':



*Fish 1-5 A*





**September 2019:**



[Cases 20190442-20190478](#)

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117 page PDF | 9.3 MB

Case No:	2019-0478	Date of visit:	09/09/2019
Time spent on site:	1 hour	Main Inspector:	
Site No:	FS0300	Site Name:	Loch Damph
Business No:	FB0169	Business Name:	The Scottish Salmon Company
2. How are mortalities disposed of?			
If other detail:			



Case No: **2019-0476** Date of visit: **05/09/2019**

Time spent on site: **4hrs** Main Inspector: **[REDACTED]**

Site No: **FS0244** Site Name: **Loch Leven (1)**

Business No: **FB0119** Business Name: **Mowi Scotland Ltd**

2. How are mortalities disposed of? **Incinerated - on site**

Case No: **2019-0449** Date of visit: **03/09/2019**

Time spent on site: **1.5hrs** Main Inspector: **[REDACTED]**

Site No: **FS1286** Site Name: **Muck**

Business No: **FB0119** Business Name: **Mowi Scotland Ltd**

2. How are mortalities disposed of? **Whole fish - Dundas Chemicals**

**Dead fish and waste are stored in leak proof containers on site before being transported to the shorebase on a daily basis. Mortalities are then collected by Billy Bowie and transported to Dundas.**

If other detail:

3. Mortality records complete and correctly entered? **Y**

4. Recent mortality (last 4 wks): **2019 wk32: 6,674 (0.65%), 2019 wk33: 5,499 (0.54%), 2019 wk34: 9,396 (0.96%), 2019 wk35: 22,332 (2.42%)**

5. Evidence of recent increased/atypical mortalities? **Y**

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

**Associated with SAV**

**. Ferguson and the Spanish John collect mortalities from Muck and deliver directly to Mallaig.**

Scottish Salmon Watch [reported in April 2020:](#)

The FOI disclosure details around a dozen salmon farms investigated/visited by APHA (mostly in conjunction with the Fish Health Inspectorate) since January 2018 - including:

- Mowi's aptly named Muck salmon farm ([certified as welfare friendly via RSPCA Assured](#)) which was the subject to an anonymous tip-off regarding mortalities due to disease and a failed Hydrolicer treatment and [biomass breaches](#) in August 2019 (including [video footage](#) of a fatty oil slick and photos of dead fish).



[Cases 20190479-20190507](#)

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Case No:	2019-0506	Date of visit:	17/09/2019
Time spent on site:	4 hours	Main Inspector:	
Site No:	FS0106	Site Name:	Allt Mhor
Business No:	FB0071	Business Name:	JS Salmon Ltd

2. How are mortalities disposed of?

If other detail: Landfill

Some records were missing from the mortality data. Several weeks worth of mortality data were missing. Week 23/24 2019. In the movement records there were detailed as being a mortality event of 30000 fish due to water draining from tanks. The corresponding mortality records for this week were not available for inspection. The site manager is going to locate the records and send them on for FHI to inspect. This was not reported to FHI as it was below the 3% threshold required, to report for the size fish. This will be confirmed upon receipt of mortality records.

#### Mortality records:

Mortality records were not maintained correctly, records from 3/6/2019 to 16/6/2019 were missing from the records. It was understood that they had been misplaced however, these records should be located and copies provided.

These must be addressed to ensure the conditions of authorisation for your Aquaculture Production Business (APB) are being met. Records or documentation demonstrating that these points have been addressed should be sent to the Fish Health Inspectorate (contact details below) within 30 days of the date this report was issued.

## Case completion report

Issues were raised in relation to the above case, with a requirement for mortality records from week beginning 3<sup>rd</sup> and 10<sup>h</sup> June 2019 to be submitted to Marine Scotland by 25<sup>th</sup> November 2019.

Given that these records cannot be located the case will now be closed. Please ensure that complete mortality records are maintained and made available for future Inspections. This site may be subject to further audit and recommendations in the future.

Case No:	2019-0504	Date of visit:	16/09/2019
Time spent on site:	2h	Main Inspector:	
Site No:	FS1327	Site Name:	Barcaldine Pre-smolt Unit
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
2. How are mortalities disposed of?	Ensiled - on site		

Case No:	2019-0505	Date of visit:	16/09/2019
Time spent on site:	4 hours	Main Inspector:	
Site No:	FS1326	Site Name:	Barcaldine On-Growing Unit
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
2. How are mortalities disposed of?	Ensiled - on site		
If other detail:	Then transported off site by JM murdock - Cumbernauld		

Case No:	2019-0498	Date of visit:	12/09/2019
Time spent on site:	4 hours	Main Inspector:	
Site No:	FS0068	Site Name:	Calva Bay (Calbha Beag)
Business No:	FB0398	Business Name:	Loch Duart Ltd
2. How are mortalities disposed of?	Other (detail)		
If other detail:			

Mort removal; DK waste remove skip of dead fish for composting - south of England

Visit conducted following reported Mort events

WK 19/8/19-25/8/19 - morts for site; 2.02% (3793 fish) -environmental phytoplankton/ gill disease

WK 26/8/19- 1/9/19 - 5.83% (10710 fish) - phytoplankton/ gill disease

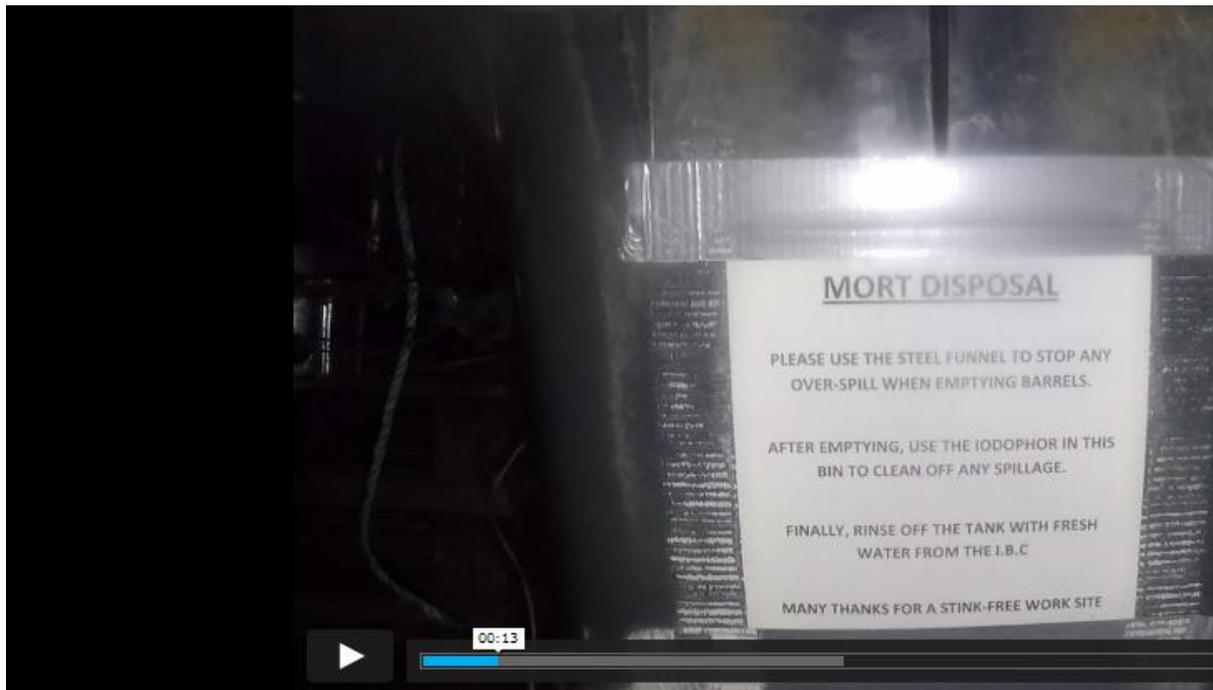
WK 36 - 8.28% - 14309 - phytoplankton/ gill disease

Case No:	2019-0480	Date of visit:	11/09/2019
Time spent on site:	3 hours	Main Inspector:	
Site No:	FS0057	Site Name:	Corry Farm
Business No:	FB0447	Business Name:	Wester Ross Fisheries Ltd
2. How are mortalities disposed of?			
If other detail:	see additional info		

Hasco remove morts in vacuum tankers for anaerobic digestion or incineration.

Last dead fish movement off in Sept 2018 - Hazco, Grangemouth.

Here's video footage from Wester Ross's salmon farm at Corry:



## Stinky Cess Pit at Wester Ross Salmon

Case No:	2019-0495	Date of visit:	11/09/2019
Time spent on site:	2 hours	Main Inspector:	[REDACTED]
Site No:	FS0941	Site Name:	FAI Aultbea
Business No:	FB0439	Business Name:	FAI Aquaculture Ltd

2. How are mortalities disposed of?

If other detail: frozen on site

6. Any other peaks in mortality during period checked?  Y

If yes, detail: lump fish issues with 2nd bacterial infections August 2018. Small fish 72,000 morts out of 291642 from batch 4 and batch 5 42000 morts out of 358000 input. Florical treatments.

No movement of dead fish off site. Currently all stored in onsite freezer. Will be removed by Billy Bowie in future. Going forward dead fish movements going to be recorded in MB. FS numbers not recorded

Lumpfish mortality had been high due to secondary bacterial infections, vibrio ordalii. Lumpfish treated with florical and bransil. October lost 110000 out of 147471 input. During vaccination the vaccine included baytril a short term antibiotic. Administered under cascade system. Vaccines; vibrio ordalii, Pseudomonas anguilliseptica and Pasteurella sp., Furunculosis. Lumps need to be 10g before vaccine. Succumbing to vibrio before that.

Salmon morts; 54 for month of August, post transfer, 35 were the next day after transfer.

Case No:	2019-0479	Date of visit:	10/09/2019
Time spent on site:	4 hours	Main Inspector:	[REDACTED]
Site No:	FS1262	Site Name:	Sgeir Dughall
Business No:	FB0169	Business Name:	The Scottish Salmon Company

2. How are mortalities disposed of?

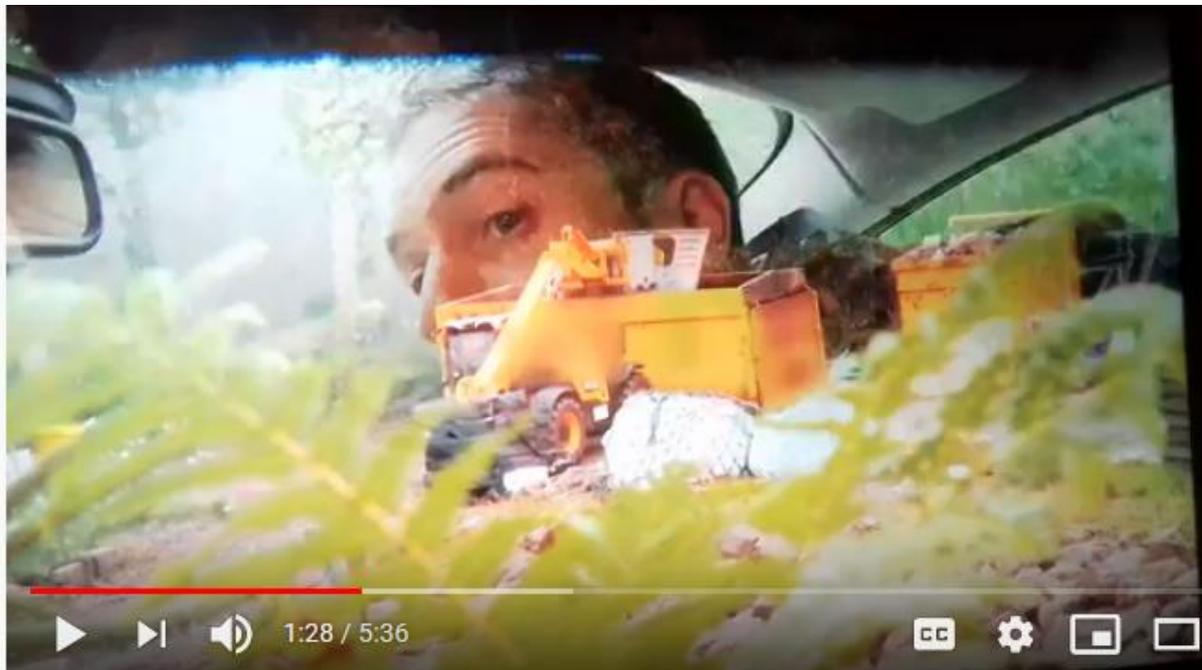
Whole fish - Dundas Chemicals

Cleaner fish going with Harvest and killed at PP.  
Mort disposal whole in Billy bowie skips

FMS needs to be updated - currently states that mortalities and waste will be incinerated on site, however VHP states that waste is collected in a skip and collected by Billy Bowie and taken to Dundas. Updated at time of inspection. No further action required.

Case No:	2019-0491	Date of visit:	10/09/2019
Time spent on site:	4 hours	Main Inspector:	
Site No:	FS0804	Site Name:	Kishorn B (North)
Business No:	FB0125	Business Name:	Scottish Sea Farms Ltd
2. How are mortalities disposed of?		Incinerated - on site	

The BBC One Show [broadcast footage of mass mortalities being taken away from Kishorn via a convoy of Billy Bowie trucks in December 2017](#):



BBC One Show on Scottish salmon farming: "The Dead Salmon Run" (11 December 2017)

Photos of diseased salmon at the Kishorn B salmon farm were [published by the Scottish Government in 2018](#) despite [legal threats by lawyers for Scottish Sea Farms](#):

2015-0026 Kishorn B.pdf



2015-0026 Kishorn B.pdf



## 2015-0026 Kishorn B.pdf



[Cases 20190508-20190530](#)

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Case No:	2019-0530	Date of visit:	25/09/2019
Time spent on site:	3 hours	Main Inspector:	
Site No:	FS1330	Site Name:	Sconser Quarry
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?		Whole fish - Dundas Chemicals	

Scottish Salmon Watch filmed morts stored in bins at Mowi's Sconser land-base in November 2018 (along with barrels of Formic acid - used to break down dead fish for ensiling):



Morts at Marine Harvest's Sconser operation on the Isle of Skye

Case No:	2019-0529	Date of visit:	24/09/2019
Time spent on site:	4.5 hours	Main Inspector:	
Site No:	FS0252	Site Name:	Cairidh
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals		
If other detail:			
3. Mortality records complete and correctly entered?	Y		
4. Recent mortality (last 4 wks):	11433 across site, 7818 attributed to anaemia, the remainder attributed to physical damage or unknown cause.		
5. Evidence of recent increased/atypical mortalities?	Y		
If yes, facility nos/no mortality per facility/no stock per facility/reason:	w/b 02/09/2019 - 4654 (3.36%), 09/09/2019 - 5398 (4.03%), w/b 16/09/19 - 217 (1.18%)		
6. Any other peaks in mortality during period checked?	Y		
If yes, detail:	w/b 29/07/19 1.55% , w/b 05/08/19 1.55% attributed to CMS.		

Prior to inspection of the site, FHI were made aware that mortality waste from Cairidh, had been spilled on the A86 (near Wolfrax) during transport of waste to Dundas Chemicals in a Gogar services vehicle. Mowi had requested a documented incident investigation to be carried out by Gogar Services, a documented report was sent to Mowi on 24/09/19 and was made available for inspection. Document stated the spill of fish was caused by the driver braking hard having attempted to overtake cyclists when oncoming traffic required the driver to brake sharply. Fish spilled from the trailer over the front of the vehicle. Gogar Services sent a clean-up team to the incident location. Spilled fish were cleared from the road and then loaded into a sealed skip. Road surface was cleaned with degreaser agent and water. BEAR Scotland then laid down approx 7 tonnes of salt over the spill area of the road. Some fish remained at the side of the road, due to poor light the clean-up resumed the following day using a liquid ring tanker to suck up the fish from the side of the road. All fish waste material was then taken to Dundas Chemicals for disposal. SEPA attended incident site and were satisfied no waste would have entered any watercourse. Following the incident Gogar has stated that all trailers used for transporting mortality waste will be fitted with splash plates at the front and back of trailers. Plates will be made from aluminium sheets which will extend four feet back over the top of the load area, the intention is that any wash from heavy braking will be directed back into the load area. APHA and Mowi have reviewed the actions as satisfactory.

Scottish Salmon Watch [reported in January 2020](#):



**Don Staniford**  
@TheGAAIA

...

Disease-Ridden Mowi Revealed as Source of A86 Roadspill in September [tinyurl.com/rt62ok2](http://tinyurl.com/rt62ok2)  
@MowiScotlandLtd @marinescotland @APHAgovuk @GogarServices @trafficscotland Mowi breached biosecurity & @SSPOsays Code of Good Practice in moving virus-laden fish from the Isle of Rum

...at mortality waste from Cairidh, had been spilled on the A86 (near ... in a Gogar services vehicle. Mowi had requested a documented ... a documented report was sent to Mowi on 24/09/19 and was made ... ish was caused by the driver braking hard having attempted to overtake ... rake sharply. Fish spilled from the trailer over the front of the vehicle. ... location. Spilled fish were cleared from the road and then loaded into a ... r agent and water. BEAR Scotland then laid down approx 7 tonnes of ... d at the side of the road, due to poor light the clean-up resumed the ... fish from the side of the road. All fish waste material was then taken to ... ant site and were satisfied no waste would have entered any ... that all trailers used for transporting mortality waste will be fitted with ... ll be made from aluminium sheets which will extend four feet back over ... from heavy braking will be directed back into the load area. APHA and

Inside Scottish Salmon Feedlots  
2 hrs  
Ooops: [http://bit.ly/spilled\\_salmon](http://bit.ly/spilled_salmon)  
A86, just East of Wolfrax.

8:40 PM · Jan 5, 2020 · Twitter Web App

The Daily Record [reported \(17 September 2019\)](#):



Case No:	2019-0513	Date of visit:	19/09/2019
Time spent on site:	7h	Main Inspector:	[REDACTED]
Site No:	FS0629	Site Name:	Poll Na Gille
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?	Whole fish - Dundas Chemicals		
If other detail:	[REDACTED]		
3. Mortality records complete and correctly entered?	[REDACTED]		
4. Recent mortality (last 4 wks):	wk37(27665 - 4.21%)wk36(9362 1.30%)wk35(5563 0.73%)wk34(1089 - 0.14%)		
5. Evidence of recent increased/atypical mortalities?	[REDACTED]		
If yes, facility nos/no mortality per facility/no stock per facility/reason:	[REDACTED]		
All pens. Issues with plankton bloom, damaged gills. Site had large mortality but now returned to normal levels.			

Photos published via FHI 'Case Information':



Photo from David Ainsley of [mort removal by Ferguson Transport at Mowi in 2019](#):



Case No:	2019-0512	Date of visit:	18/09/2019
Time spent on site:	2h	Main Inspector:	
Site No:	FS1306	Site Name:	Machrihanish Hanger
Business No:	FB0565	Business Name:	NIRI Scotland Ltd
2. How are mortalities disposed of?	Ensiled - on site		

3x Ten tonne containers of ensiled morts left from last cycle. However 2 of them have been emptied, since owner was away only one remains. Complaints from neighbours about the smell. Manager does not know where the waste has gone.



### Cases 20190547-20190568

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Case No:	2019-0558	Date of visit:	30/09/2019
Time spent on site:	5 hours	Main Inspector:	[Redacted]
Site No:	FS0489	Site Name:	Cole Deep
Business No:	FB0440	Business Name:	Grieg Seafood Shetland Ltd
2. How are mortalities disposed of?	Whole fish - TWMA (Shetland)		
If other detail:			
3. Mortality records complete and correctly entered?	Y		
4. Recent mortality (last 4 wks):	w/b 2/9/19 = 9,247 (1.72%), w/b 9/9/19 = 16,187 (3.06%), w/b 16/9/19 = 44,275 (8.64%), w/b 23/9/19 = 29,466 (6.3%)		
5. Evidence of recent increased/atypical mortalities?	Y		
If yes, facility nos/no mortality per facility/no stock per facility/reason:	Cages 3, 4, 6, 7, 8, 9, 10 and 11. Range from 9.8% to 46.2% from 2/9/19 to 30/9/19.		
6. Any other peaks in mortality during period checked?	Y		
	Increased mortality in cage 2 in July 2019 following a freshwater treatment (11,667 for whole month).		

Site inspected following notification from operator of increased mortality levels. Mortality levels began to increase in cage 11 at the end of August. Cage 7 has been worst affected cage, losing 23,992 fish from 2-30/9/19 (46%). Total loss on site from 2-30/9/19 has been 100,423 (18%). Three cages (2, 5 and 12) seem to be unaffected with mortality levels low over September (only 0.43% in cage 12). Mortality levels decreased slightly last week.

#### 2019-0558 Cole Deep



Fish 1 – lesions and abrasions on flank

Case No:	2019-0560	Date of visit:	30/09/2019
Time spent on site:	6 hours	Main Inspector:	[Redacted]
Site No:	FS0805	Site Name:	Bagh Dail Nan Ceann
Business No:	FB0119	Business Name:	Mowi Scotland Ltd

Recent (last 4 wks) disease problems?	
If yes, detail:	Confirmed <i>P.skyensis</i> on site. Mass mortality.
2. How are mortalities disposed of?	Ensiled - on site
If other detail:	Norwegian equipped with on-board ensiler. Three other boats are removing morts are storing them on the Norwegian boat.
3. Mortality records complete and correctly entered?	Y
4. Recent mortality (last 4 wks):	2nd-8th (4240 0.56%) 9th-15th(10651 - 1.35%)16th-22nd(27866 - 3.68%) 23rd-29th - (74060 - 17.05%)

morts are being transported to Denmark - to be used as biofuel.

Doesn't appear that morts have slowed down yet. Harvesting plan in place to empty site.

### Observations

Following mortality above the reporting threshold reported to the FHI on the 20/09/2019. The site confirmed that mortality had more than doubled from the previous week and that *Pasteurella skyensis* had been identified on site. When inspectors attended on the 30/09/2019 the site was being harvested out. The week previous had seen 74,060 (17.05%) mortality loss, attributed to environmental insult and *Pasteurella skyensis*.

F4 Internal



Scottish Salmon Watch [visited Mowi's Bagh Dail Nan Cean \(Bay of the Dead Heads\) salmon farm in July 2019 filming dead and dying cleaner fish \(lumpsuckers\) floating on the surface of one cage:](#)



 Don Staniford  
@TheGAAlA

Censored: Welfare Abuse on Salmon Farms - redacted  
FOI documents reveal welfare breaches of Animal  
Health & Welfare Act @rspcaassured  
@MowiScotlandLtd tinyurl.com/yb9wr3nk  
@APHAgovuk @marinescotland @ProfCMDwyer  
@SSPCA\_Mike @SSPOsays @ChrisGPackham  
@markruskell @scotgp



 Roseanna Cunningham  and 8 others

9:53 AM · Apr 23, 2020 · Twitter Web App

A [letter from APHA to Mowi in September 2019](#) detailed welfare abuse:



Animal &  
Plant Health  
Agency

Mowi Scotland Limited

Farms Office

Glen Nevis Business Park  
Fort William  
PH33 6RX

Animal and Plant Health Agency  
Strathearn House  
Broxden Business Park  
Lamberkine Drive  
Perth  
PH1 1RX

T 03000600704

[www.gov.uk/apha](http://www.gov.uk/apha)

16 September 2019

Dear [REDACTED]

**Failure to Comply with Welfare Legislation**

**Animal Health and Welfare (Scotland) Act 2006**

Following my visit on 2/08/19 to inspect your livestock at Marine Fin Fish farm (Atlantic Salmon) FFMC54 BDNC- Bagh Dail nan Ceann (Bay of the Dead Heads) in the Sound of Jura, in the presence of [REDACTED] (site Manager), [REDACTED] (Mowi's Area Manager), [REDACTED] (APHA VA) and [REDACTED] (FHI Marine Scotland), I must advise you that I found the following non-compliances with current welfare legislation.

Mortality in lumpfish has been a known ongoing issue, affecting the 80% of the lumpfish stocked during this production cycle at the above fish site under your responsibility.

On the day of the visit at the site (02/08/19), data provided by your staff regarding your investigation of mortality and consequential actions was not satisfactory. [REDACTED] Seeking for a health plan for lumpfish at the site at the time of the visit and further clarification regarding the health management for the investigated period, a second meeting as part of the investigation took place at APHA Perth office on Tuesday 13/08/19 with yourself, [REDACTED] (Lead Vet) and [REDACTED] (Health Manager).

During this meeting, evidence were provided of investigations and actions taken to try and minimise an increasing mortality trend in lumpfish from May 2019 until the treatment provided in between 01/07/19 to 03/07/19. After this day, there is little evidence of actions taken whilst the mortality in lumpfish continued to increase.

During the meeting on the 13/08/2019 you confirmed that a decision to humanely cull the remaining lumpfish had be taken the day before and had already started.

You have not been able to show that adequate actions were taken in the period between the 10/07/19 to the 12/08/19 in order to promote the welfare of the lumpfish under your responsibility. Not taking effective decision at earlier date has prolonged the period while the lumpfish still at the site have been in need to be protected from suffering and disease.

This is a failing to comply with the Animal and Welfare (Scotland) Act 2006, Part 2-24 (1) and 3(e) that states that:

*"a person commits an offence if the person do not take such steps as are reasonable in the circumstances to ensure that the needs of an animal for which the person is responsible are met to the extent required by good practice";*

An animal's needs include *"its need to be protected from suffering, injury and disease."*

Case No:	2019-0568	Date of visit:	30/09/2019
Time spent on site:	4 hours	Main Inspector:	
Site No:	FS0764	Site Name:	Olna South
Business No:	FB0440	Business Name:	Grieg Seafood Shetland Ltd
2. How are mortalities disposed of?		Whole fish - TWMA (Shetland)	



### [Additional Cases 20190391-20190511](#)

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Case No:	2019-0391	Date of visit:	19/09/2019
Time spent on site:	7 hrs	Main Inspector:	
Site No:	FS1286	Site Name:	Muck
Business No:	FB0119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?		Whole fish - Dundas Chemicals	
If other detail:			
3. Mortality records complete and correctly entered?		Y	
WK 36 (02/09) - 15,573 for site attributed to PD, WK 37 09/09 - 10,116 for site attributed to PD and WK 38 (16/09 to 19/09) - 7,065 for site attributed to PD.			
4. Recent mortality (last 4 wks):			

Accompanied APHA following welfare complaint.

Divers on site weekly for net checks and mortality removal. Usually ensile mortalities on barge at site, however, due to numbers recent mortalities were being transferred in leak proof bins to Mallaig for collection and transport to Dundas. The Oygarden was on site at time of inspection completing mortality removal in all cages. This vessel is set up to process and ensile the mortalities before transporting to their destination.

Here's [photos of morts being disposed of in Mallaig from Mowi's Isle of Muck salmon farm in 2019:](#)



Here's video footage leaked by a whistleblower:



Case No:	2019-0511	Date of visit:	18/09/2019
Time spent on site:	3h	Main Inspector:	
Site No:	FS1046	Site Name:	Larval Rearing Unit
Business No:	FBU119	Business Name:	Mowi Scotland Ltd
2. How are mortalities disposed of?	Biogas - Energen, Cumbernauld		
If other detail:			
3. Mortality records complete and correctly entered?			
4. Recent mortality (last 4 wks):	Larval tanks 1,229,100 (22.8%) Brood stock 15 (0.6%) (Last month)		

Read more via:

- [Revealed: Burned, Buried & Ensiled Scottish Salmon](#)
- [52 million deaths in Norway - how many millions died on Scottish salmon farms in 2020?](#)
- [The Case Against Scottish Salmon - An Update on Diseases & Mass Mortalities!](#)
- [Alexa, how many salmon die each year on Scottish salmon farms? 42 million\\* \(but we don't know for sure as the answer is deemed "commercially damaging"\)!](#)
- [The Case Against Scottish Salmon Continued - new data for January 2020](#)
- [2019 Salmon Farming Data Now Online!](#)
- [The Killing Farms - Scottish Salmon's Horror Story Continues!](#)
- [Photo Dossier of Diseased, Deformed & Abused Scottish Salmon](#)
- ['Moribund' Mowi: Salmon Gill Poxvirus, Amoebic Gill Disease & Anaemia at Ardintoul](#)
- [Update: Mass Mortalities Piling Up at Scottish Salmon](#)
- [The Case Against Scottish Salmon](#)
- [Revealed: Mowi's Nightmare in Loch Linnhe - 55% Mortality & Infectious Diseases](#)
- [New Report - "The State of Scottish Salmon Farming in 2018"](#)