

Scottish Salmon Watch, 21 March 2021

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



- 'Case Information' traces where ca. 40 million dead farmed salmon each year are incinerated, dumped in landfill, composted & ensiled
- Dundas Chemicals, Biogas Energen, Whiteshore Cockles & TWMA Shetland head list of disposal destinations along with on-farm ensiling & incineration
- Norwegian boat transported Mowi morts to Denmark for biofuel



'Case Information' from over 200 inspections of salmon farms [published by the Scottish Government's Fish Health Inspectorate](#) has been used to piece together where an [estimated 42 million dead salmon in hatcheries and on sea farms](#) is disposed of each year.

Read source material via: [Casing Where Diseased Scottish Salmon Head After They Die - Data from the Scottish Government's Fish Health Inspectorate](#) (March 2021)

Read more via [Media Backgrounder: Waste Disposal Routes for Scottish Salmon - Where Do All the Dead Fish Go?](#) (March 2021)

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)

“Millions of Scottish salmon carcasses are quite literally going up in smoke via incinerators and waste energy plants,” said Don Staniford, [Director of Scottish Salmon Watch](#). “Scottish salmon's mort mountain is now so high that it powers the National Grid. Next time you turn on the kettle in the ad break at Coronation Street the power may have come from Scotland's diseased salmon farming industry. That millions of Scottish salmon are still buried in landfill is a scandal. The stench of Scottish salmon pervades the Highlands and Island of Scotland. Pet lovers may also be horrified to discover that Scottish salmon ‘trimmings’ from processing wastes ends up in dog feed and even as compost. Consumers should boycott Scottish salmon - I would not even feed it to our dog or use it on our garden.”

Here's [video footage of ensiled Scottish farmed salmon](#):



Here's [video footage of diseased Scottish salmon stored in skips](#) before being transported away for incineration, landfill or ensiling:





Read more via:

[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](#)

[Solving Scottish Salmon's Multi-Million Mortality Problem](#)

[Update: Mass Mortalities Piling Up at Scottish Salmon](#)

[The Case Against Scottish Salmon](#)

[Revealed: Mowi's Nightmare in Loch Linnhe - 55% Mortality & Infectious Diseases](#)

[Media Background: Disease-Ridden Scottish Salmon is Dead in the Water](#)

[New Report - "The State of Scottish Salmon Farming in 2018"](#)

[Media Background: Scottish Salmon's Mort Mountain](#)

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**Notes to Editors:**

[Casing Where Diseased Scottish Salmon Head After They Die - Data from the Scottish Government's Fish Health Inspectorate](#) (March 2021)

Read more via [Media Background: Waste Disposal Routes for Scottish Salmon - Where Do All the Dead Fish Go?](#) (March 2021)

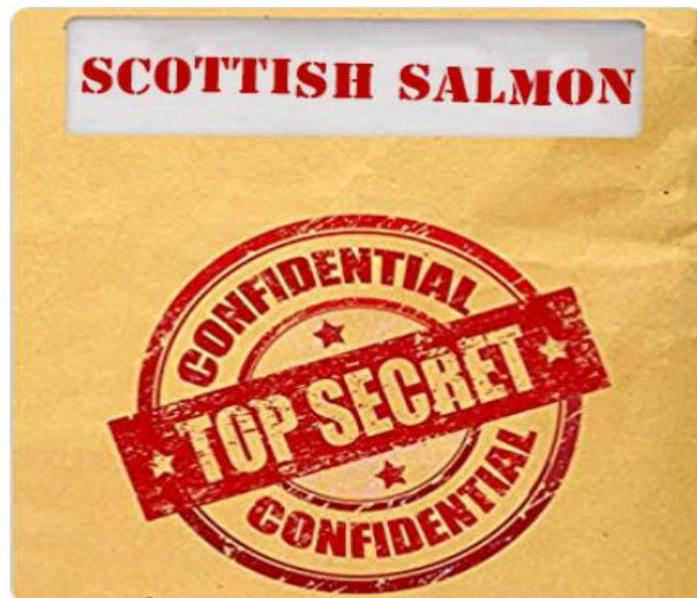
## Media Backgrounder: The Stench of Scottish Salmon - Follow the Smell of Salmoney!

Earlier this month, [data on mortalities on salmon farms in Norway was published prompting the Norwegian Minister of Fisheries to warn that 52 million morts was “too high”](#). Back in 2013, the Scottish Salmon Producers Organisation [successfully lobbied against the disclosure of mort numbers claiming publication would be “commercially damaging”](#).

 **Don Staniford**  
@TheGAAIA



Censored: Salmon farmers in Scotland refuse to publish numbers of deaths as disclosure is "commercially damaging"  
[tinyurl.com/5nd6wxjt](https://tinyurl.com/5nd6wxjt)  
Yet Norway published 2020 data detailing 52 million deaths - why the double standard when Norway owns 80% of 'Scottish' salmon? @ScottishEPA



9:22 AM · Mar 11, 2021



 **Don Staniford**  
@TheGAAIA



Salmon deaths (52 million) too high says Norway fisheries minister [@fiskeridir](#) [@NFdep](#) [@LeroySeafood](#) [fishfarmingexpert.com/article/salmon...](#)  
How many die in Scotland? [@FergusEwingSNP](#) [@SSPOsays](#) [@strathearnrose](#) [@ScotlandMowi](#) [@scotseafarms](#) [@salmon\\_scottish](#) [@GriegShetland](#) [@marinescotland](#)

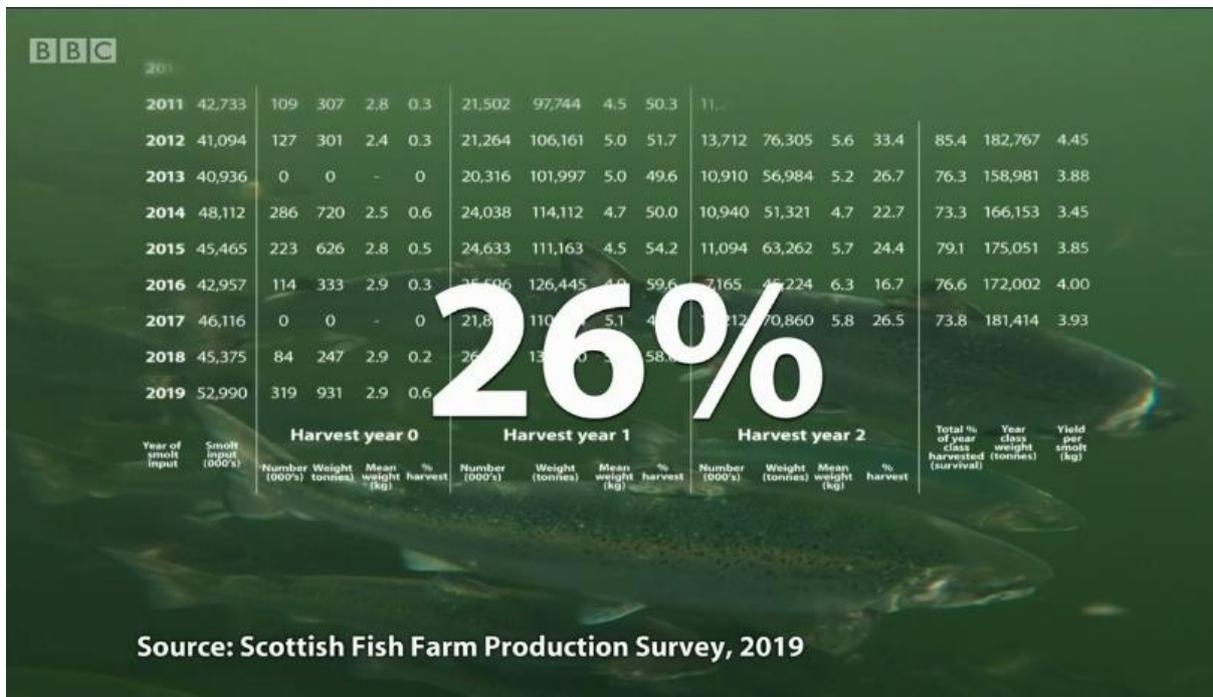


Salmon deaths too high says Norway fisheries minister - FishFarming...  
The number of salmon dying before harvest in Norwegian fish farms is "far too high", largely due to lice treatments, the country's fisheries...  
[fishfarmingexpert.com](#)

7:29 AM · Mar 11, 2021



Late last year (6 December 2020), BBC Countryfile [exposed the shocking level of mortalities on salmon farms citing a mortality rate of 26%](#) (based on data published by the Scottish Government in the 'Scottish Fish Farm Production Survey 2019' in October 2020).



Source: Scottish Fish Farm Production Survey, 2019

Scottish Salmon Watch [calculated that 77% of salmon farms have a mortality rate of more than 10%](#)!

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77% of Scottish salmon farms fail to meet the ASC's standard for certification - that's almost four out of every five sea sites exceeding 10% mortality!  
[tinyurl.com/y2ongdll](https://tinyurl.com/y2ongdll)  
 ASC-certified Scottish salmon is dead in the water!  
 @ASC\_aqua @Salmoskuis @SSPOsays @ScotlandMowi



Read more via [ASC-Certified Scottish Salmon Dead in the Water!](#)

In November 2020, Scottish Salmon Watch [estimated that around 40 million fish are dying each year on salmon farms in Scotland](#) (in both the freshwater and marine phase of production). Based on [Scottish Government data published in October 2020](#), the mortality rate in freshwater hatcheries is also ca. 25% so the total mortality rate for salmon farming production (from hatch as eggs to 'catch' in the sea cages for final harvest) is ca. 50%.



Don Staniford  
@TheGAAIA



Alexa, how many salmon die each year on Scottish salmon farms? 42 million\* [tinyurl.com/y3eox5dt](https://tinyurl.com/y3eox5dt)  
Sadly we don't know for sure as the answer is deemed "commercially damaging" by @sspo!  
Will @ScottishEPA & @marinescotland force disclosure? @salmon\_scottish @rspcaassured

"Alexa, what is the Question of the Day?"



**Q: How many salmon die each year on Scottish salmon farms?**

A: **42**\* **MILLION**



Scottish Sea Farms and 9 others

9:05 AM · Nov 11, 2020 · Twitter Web App

Read calculations via [Alexa, how many salmon die each year on Scottish salmon farms? 42 million\\* \(but we don't know for sure as the answer is deemed "commercially damaging"\)!](#)

Mortality data (by weight) [published online on 4 December 2020 by the Scottish Environment Protection Agency](#) reveal that 2.4 million tonnes of dead salmon have been reported on marine salmon farms in Scotland since 2002 (data up to September 2020 – data up to December 2020 is expected to be published [online soon](#)). Here's the top thirty largest monthly mortalities headed by The Scottish Salmon Company's Sgian Dubh salmon farm in Loch Striven in August 2020 with 683 tonnes (mortality was [reported to the Scottish Government's Fish Health Inspectorate as 40%](#)).

Date	Mortalities (Kg)	Submitted By	Site Name
01-Aug-20	682688.7	The Scottish Salmon Company Ltd	Sgian Dubh
01-Dec-15	640812	Grieg Seafood Shetland Ltd	Cole Deep
01-Aug-20	569941.5	The Scottish Salmon Company Ltd	Strone Point
01-Feb-10	564900	Rysa Farm Salmon	Pegal Bay
01-Oct-17	527936	Cooke Aquaculture Scotland	Stead of Aithness
01-Oct-19	518370.892	Mowi Scotland Ltd	Bagh Dail nan Ceann North and South
01-Sep-19	502069.0465	Mowi Scotland Ltd	Bagh Dail nan Ceann North and South
01-Oct-13	494652.3731	Marine Harvest (Scotland) Ltd	Portnalong
01-Apr-19	490418	The Scottish Salmon Company Ltd	Quarry Point
01-Nov-17	487622	The Scottish Salmon Company Ltd	Druimyeon Bay
01-Aug-20	455516	Grieg Seafood Shetland Ltd	Leinish Bay
01-Apr-02	423165	Scottish Sea Farms Ltd	Sand Sound, Bixter
01-Nov-17	422946	Cooke Aquaculture Scotland	Stead of Aithness
01-Oct-16	396461	The Scottish Salmon Company Ltd	Trilleachan Mor
01-Oct-14	392856.0973	Marine Harvest (Scotland) Ltd	Greshornish
01-Aug-20	369218.0415	Mowi Scotland Ltd	Stulaigh Island
01-Jul-20	368589.6613	Mowi Scotland Ltd	Stulaigh Island
01-Oct-14	361742.2665	Marine Harvest (Scotland) Ltd	Marulaig Bay
01-Oct-19	345563.4887	Mowi Scotland Ltd	Camus Glas
01-Oct-12	340000	Hjaltland Seafarms Ltd	Setterness South
01-Nov-14	330998.5855	Marine Harvest (Scotland) Ltd	Eilean Raineach
01-Aug-02	326520	Lewis Salmon Ltd	Arbhair
01-Sep-17	319615	The Scottish Salmon Company Ltd	Tuath (Rubha na Gall)
01-Aug-08	317940	Scottish Sea Farms Ltd	Fiunary
01-Sep-20	301865	Grieg Seafood Shetland Ltd	Leinish Bay
01-Nov-14	294281.1441	Marine Harvest (Scotland) Ltd	Greshornish
01-Oct-11	291056	The Scottish Salmon Company Ltd	St Molios
01-Sep-16	289180.2091	Marine Harvest (Scotland) Ltd	Soay Sound
01-Jun-19	287858	The Scottish Salmon Company Ltd	Maaney (East of Loch Uiskevagh)
01-Nov-14	285003.843	Marine Harvest (Scotland) Ltd	Scotasay

Mortalities in 2020 could be worst on record. In the first nine months of 2020 (Q4 2020 data is expected to be published in early March) a staggering 20,343 tonnes of mortalities have been reported on marine salmon farms in Scotland - the comparable figure for 2019 was 16,974 tonnes. Mortalities on marine salmon farms in Scotland in 2019 was the worst on record with 25,507 tonnes reported - up from 16,251 tonnes in 2018.

A [data analysis by Scottish Salmon Watch in September 2018](#) calculated that over the last decade ca. half of mortalities occurred in the last four months of the year with the month of October the worst followed by September and November. Mortalities in 2020 could therefore be expected to exceed 30,000 tonnes.

Mortality rates [reported by the Scottish Salmon Producers Organisation](#) during 2020 have been staggeringly high.



Shocking Scottish Salmon: 78.3% mortality rate reported at Grieg Seafood's Leinish salmon farm on the Isle of Skye - four out of five [@rspcaassured](#) fish died a horrible death! [@GriegShetland](#) [@SSPOsays](#) [@onekindtweet](#) [scottishsalmon.co.uk/reports](http://scottishsalmon.co.uk/reports) [@KateForbesMSP](#) [@lanblackford\\_MP](#) [@WHFP1](#)

Monthly Mortality Rate: September 2020				Monthly Mortality Rate: August 2020			
Company	Farm	Monthly mortality (%)	Notes	Company	Farm	Monthly mortality (%)	Notes
Grieg Seafood Shetland Ltd	Leinish	59.7 (Farm followed in Sep.)	Gill Health/Jellyfish	Grieg Seafood Shetland Ltd	Leinish	47.2	Gill Health/Jellyfish
Grieg Seafood Shetland Ltd	Corlarach	19.8 (Farm followed in Sep.)	Gill Health	Scottish Salmon Company Ltd	Strone	46.8	Algal blooms/Environmental challenges/Gill Health
Scottish Salmon Company Ltd	Strone	0.2 (Farm followed in Sep.)		Grieg Seafood Shetland Ltd	Farvass	2.8 (Farm followed in Aug.)	
Scottish Salmon Company Ltd	Sgian Dubh	1.0 (Farm followed in Sep.)		Sea Farms Ltd	Wilder	2.8 (Farm followed in Aug.)	
Mowi Scotland Limited	Stulaigh	0.0 (Farm followed in Sep.)		Harvi Limited	Maclean Ness	3.0 (Farm followed in Aug.)	
Scottish Salmon Company Ltd	Vuia Mor	5.5 (Farm followed in Sep.)	Environmental challenges/Gill Health/Treatment losses	Harvi Limited	Stuagh	25.8	Algal blooms/CMS
Scottish Salmon Company Ltd	Ardyne	0.2 (Farm followed in Sep.)		Scottish Salmon Company Ltd	Tillicachan Mor	10.1	Anaemia/CMS/PD
Scottish Salmon Company Ltd	Vackay	23.1	Gill Health/Treatment losses	Grieg Seafood Shetland Ltd	Scott East	8.1	Gill Health/Treatment losses
Scottish Salmon Company Ltd	Tillicachan Mor	10.1	Anaemia/CMS/PD	Scottish Salmon Company Ltd	Farvass	7.0	Gill Health/Treatment losses
				Scottish Salmon Company Ltd	Stronach Bay	4.8	Algal blooms/Environmental challenges/Gill Health
				Mowi Scotland Limited	Muck	5.4	Transfer
				Grieg Seafood Shetland Ltd	Shetland	4.1	Treatment losses

2:49 PM · Nov 6, 2020



## Monthly Mortality Rate: September 2020



Company	Farm	Monthly mortality (%)	Notes	Cumulative mortality over full production cycle (%)
Grieg Seafood Shetland Ltd	Leinish	59.7 (Farm followed in Sep.)	Gill Health/Jellyfish	78.3
Grieg Seafood Shetland Ltd	Corlarach	19.8 (Farm followed in Sep.)	Gill Health	51.3
Scottish Salmon Company Ltd	Strone	0.2 (Farm followed in Sep.)		41.5
Scottish Salmon Company Ltd	Sgian Dubh	1.0 (Farm followed in Sep.)		39.4
Mowi Scotland Limited	Stulaigh	0.0 (Farm followed in Sep.)		36.8
Scottish Salmon Company Ltd	Vuia Mor	5.5 (Farm followed in Sep.)	Environmental challenges/Gill Health/Treatment losses	26.4
Scottish Salmon Company Ltd	Ardyne	0.2 (Farm followed in Sep.)		20.5

In February 2013, [Rob Edwards asked in The Sunday Herald](#): "Where have all the dead fish gone?"

### Where have all the dead fish gone?

from Sunday Herald, 10 February 2013

It started with rumours about skips full of stinking fish on the shore and crammed containers being transported across the land. And it ended with something of a mystery.

When Ewan Kennedy, a retired lawyer from the Argyll village of Kilmelford, discovered that a nearby fish farm he had been campaigning against had suffered mass mortalities, he wanted to know more. So he started asking questions.

He soon discovered from the **Scottish Environment Protection Agency (Sepa)** that there had been 82,663 salmon deaths between August 2011 and June 2012 at the Ardmaddy fish farm in Seil Sound. But the authorities didn't make clear what had caused the deaths – though it was probably due to an outbreak of **Amoebic Gill Disease**.



And when Kennedy, who is secretary of the **Save Seil Sound campaign group**, asked what had happened to the 257 tonnes of dead fish waste, no-one seemed to know. "This must have presented an enormous disposal problem," he told the Sunday Herald.

"I don't know which is worse, Sepa and Marine Scotland not asking what killed the fish, or Argyll and Bute Council not knowing anything about where the waste went, when these three share the responsibility for protecting public health."

**Argyll and Bute Council** confirmed that it had "no policy" on the disposal of dead fish, as that was the responsibility of the fish farm. "They don't tell us where they dispose of them, and they don't have to," said a council spokeswoman.

Sepa said that the disposal of dead animals was not an area where it had a "leading regulatory role". It provided advice to councils and animal health authorities and, according to a spokesman, "does not have details of the disposal routes of mortalities arising at fish farms."

The company that runs Ardmaddy fish farm, Polish-owned **Meridian Salmon**, declined to answer questions about the disposal of its dead fish. So it is impossible to be sure of their fate, though the suspicion is they ended up in a landfill site in northern England.

Two other councils with fish farms in their areas, **Western Isles** and Shetland, said that dead salmon went to local landfill sites. "It is the responsibility of the salmon farm to make arrangements for disposal of their waste, including salmon morts," said a spokeswoman for **Shetland Islands Council**.

Some 2,193 tonnes of salmon waste were disposed of at the council's landfill site in 2012, she added. But most of the waste was turned into fishmeal at a factory at Heogan on Bressay.

Another article - [Farmed salmon killed by disease leaps to 8.5 million](#) - published in The Sunday Herald in February 2013 reported (for the last time as it turned out) on numbers of mortalities on marine salmon farms.

### Farmed salmon killed by disease leaps to 8.5 million

from Sunday Herald, 10 February 2013



The number of salmon killed by diseases at Scottish fish farms leapt to over 8.5 million last year, sparking fresh doubts about the sustainability of the £1 billion industry.

New figures released by the **Scottish Environment Protection Agency (Sepa)** reveal that losses from all salmon farms have reached nearly ten per cent of their production. The main problem has been the spread of Amoebic Gill Disease, blamed by some on the warmer seas caused by climate pollution.

A mountain of 13,627 tonnes of dead fish had to be disposed of in 2012 by 230 fish farms along the west coast and on the islands, compared to 9,717 tonnes in 2011 and 7,159 tonnes in 2010. The worst problems were in Shetland, where 2.4 million salmon died.

Sepa released detailed information about the deaths at fish farms over the last three years in response to a request from the Sunday Herald. The figures showed that the huge weight of prematurely dead fish that had to be disposed of nearly doubled between 2010 and 2012.

It was **Grieg Seafood**, which owns **Hjaltland Seafarms** in Shetland, that suffered the most mortalities, losing a massive 4,661 tonnes of salmon at 35 farms. Seven of the ten fish farms with the worst mortality rates were run by the company.

Second in the dead fish league was the foreign-owned **Scottish Salmon Company**, with 2,374 tonnes of mortalities at 39 farms. The other major operators – **Meridian Salmon**, **Marine Harvest** and **Scottish Sea Farms** – also suffered major losses (see tables below).

#### The huge rise in fish farm deaths

year / tonnes of dead fish / number

2012 / 13,627 / 8.5 million

2011 / 9,717 / 6.8 million

2010 / 7,159 / 5.5 million

#### The companies with the most dead fish

company / tonnes of dead fish in 2012 / number

**Hjaltland Seafarms** / 4,661 / 2.4 million

**Scottish Salmon Company** / 2,374 / 1.5 million

**Meridian Salmon** / 1,913 / 1.8 million

**Marine Harvest** / 1,897 / 1.4 million

**Scottish Sea Farms** / 1,659 / 725,000

**Loch Duart** / 822 / 525,000

Others / 301 / 150,000

#### The 10 farms with the most dead fish

site / company / tonnes of dead fish

Swing Voe Site 3, Collafirth Ness, Shetland / Hjaltland Seafarms / 551

Settemess South, Shetland / Hjaltland Seafarms / 514

Skewart Holm, Linga, Shetland / Hjaltland Seafarms / 495

Trilleachan Mor, North Harris / Scottish Salmon Company / 490

Collafirth Delting Site 3, Shetland / Hjaltland Seafarms / 448

Settemess North, Shetland / Hjaltland Seafarms / 366

Linga South, Shetland / Hjaltland Seafarms / 297

Brindister Crossroads, Shetland / Hjaltland Seafarms / 248

Sron, Lochalsh / Marine Harvest / 234

Cava South, Orkney / Meridian Salmon / 226

source: **Scottish Environment Protection Agency**

The publication of numbers of dead salmon prompted lobbying by the salmon farming industry leading to data on numbers of mortalities not being publicly reported in full ever again. The Sunday Herald [reported in October 2013](#):

### Scottish watchdog labelled 'lapdog' after agreeing to keep fish farm deaths secret

from **Sunday Herald**, 20 October 2013

**Dead fish** Scotland's environment watchdog has bowed to pressure from the salmon farming industry to keep the number of fish killed by diseases secret, according to internal correspondence seen by the Sunday Herald.

The **Scottish Environment Protection Agency (Sepa)** agreed to delete information on millions of fish deaths from a **public database** on fish farming launched this month because the **Scottish Salmon Producers' Association (SSPO)** argued it would be commercially damaging.

In February the **Sunday Herald** revealed that the number of farmed salmon killed by diseases had leapt to over 8.5 million in 2012. This compared to 6.8 million deaths in 2011 and 5.5 million in 2010, and was blamed mostly on the spread of **amoebic gill disease**.

A few days after the report appeared, SSPO's chairman, Phil Thomas, wrote to Sepa's chief executive, James Curran. He accused Sepa of "fundamentally poor regulatory practice", arguing that it had "no justifiable need" to collect and make available information on the numbers of fish mortalities.

"You were potentially placing information in the public domain which could be used to the commercial detriment or competitive market disadvantage of the companies submitting the data," Thomas wrote. "You were in fact providing competitor companies both within and outwith the UK with significant market and business information.

In reply, Curran said he understood SSPO's concerns. He promised that in future it would be made clear that for most fish farms supplying information on the number of deaths was voluntary.

He added: "Although numbers of mortalities do appear in the current version of Scotland's aquaculture database which is being launched to partner organisations soon, it is our intention to make a small change to ensure that these data on the numbers of mortalities are not included in the version released to the public."

The long-delayed **database** was published on 1 October by the Scottish government. Although it includes the weight of fish that have died, it omits the numbers – which critics say masks the scale of the problem when the fish are small.

 **Don Staniford**  
@TheGAAIA

...

If you're looking for data on numbers of [@rspcaassured](#) dead farmed salmon in Scotland they don't exist - in 2013 [@SSPOsays](#) lobbied [@ScottishEPA](#) not to disclose mortalities as it was deemed commercially damaging!  
[tinyurl.com/y2aqtre4](http://tinyurl.com/y2aqtre4) [@stratearnrose](#)  
[@salmon\\_scottish](#) [@scotgp](#)



 Hamish Macdonnell and 9 others

9:10 PM · Sep 2, 2020 · Twitter Web App

Data [published online by the Scottish Government's Fish Health Inspectorate](#) earlier this month (4 March 2021) [detailed over 21 million mortalities on salmon farms in Scotland since January 2017](#) (data up to the end of January 2021) but that figure only includes 'Mortality Event Reports' in excess of 1%:

 **Don Staniford**  
@TheGAAIA



Data Update: 1,886 'Mortality Event Reports' filed in Scotland since 2017 detailing over 21 million dead farmed salmon  
[@marinescotland](#) [@SSPOsays](#) [@ScotlandMowi](#)  
[@salmon\\_scottish](#) [@scotseafarms](#) [@rspcaassured](#)  
[@GriegShetland](#) [@CookeScotland](#) [@LochDuartSalmon](#)  
[tinyurl.com/2hercjjk](http://tinyurl.com/2hercjjk)

Mortalities Reported on Scottish Salmon Farms (Jan 2017 to Jan 2021)			
	# of Morts	# of Mortality Event Reports	Highest Mortality Rate
Mowi/Marine Harvest	6.9 million	392	34.50%
The Scottish Salmon Company	6.1 million	670	39.60%
Cooke Aquaculture	3.2 million	225	46.80%
Grieg Seafood	1.8 million	164	43.40%
Scottish Sea Farms	1.5 million	276	57.30%
Loch Duart	0.7 million	116	13.90%

11:10 AM · Mar 15, 2021



Moreover, some companies such as Scottish Sea Farms and The Scottish Salmon Company have [routinely failed to disclose mortality numbers](#).

**Don Staniford** @TheGAAIA

Revealed: Scottish Sea Farms fail to report mortality numbers in 61% of 'Mortality Event Reports' @marinescotland - that's 167 missing cases which could be over 2 million @rspcaassured farmed salmon! @scotseafarms @marksandspencer @LeroySeafood @SSPOsays tinyurl.com/cvn6d54b

Mortality Event Reporting (2017 to January 2021)				
	Numbers Provided	Numbers Missing	Missing (per cent)	Total
Scottish Sea Farms	109	167	61	276
The Scottish Salmon Company	564	105	16	669
Loch Duart	108	8	7	116
Mowi/Marine Harvest	369	23	6	392
Cooke Aquaculture	221	4	1.8	225
Grieg Seafood	163	1	0.6	164
<b>All Mortality Event Reports</b>	<b>1573</b>	<b>311</b>	<b>16.5</b>	<b>1884</b>

9:43 AM · Mar 9, 2021

**Don Staniford** @TheGAAIA

New Data Online Now: Nearly half a million dead salmon reported in October 2020 via 75 'Mortality Events' headed by @salmon\_scottish @MowiScotlandLtd @GriegShetland But 16 reports (all @scotseafarms) do not provide numbers @marinescotland Why the secrecy? @FergusEwingMSP



Mortality Event No	Reporting Business Name	Site Name	Date reported	Mortality rate recorded (%)	Explained reasons	How do we know?
MRT0244	The Scottish Salmon Company	Redbush	23/10/2020	8.87	Gill Health, suspected CMS	88
MRT0243	The Scottish Salmon Company	Arngadden	20/10/2020	4.40	Gill Health/POD/Noema	43
MRT0245	Mowi Scotland Ltd	Eilean Ghranain	08/10/2020	6.76	Gill Insult (ASD, PGD and Plankton)	31
MRT0246	The Scottish Salmon Company	Arngadden	23/10/2020	4.34	Gill Health/POD	29
MRT0244	The Scottish Salmon Company	Glenan Bay	23/10/2020	5.57	Gill Health/POD	25
MRT0243	The Scottish Salmon Company	Floorapoll	23/10/2020	5.21	Gill Health (POD), suspected CMS	17
MRT0248	The Scottish Salmon Company	Outer Eport	06/10/2020	3.63	Post Treatment (Bath)	15
MRT0246	The Scottish Salmon Company	Eighlarn Loch Inshert	06/10/2020	2.54	Post Treatment	14
MRT0248	Grieg Seafood Shetland Ltd	East	20/10/2020	1.96	Treatment	8,102 Harvesting Anomalous loss for 4hrs Week 40 to
MRT0247	Mowi Scotland Ltd	Tandrin	18/10/2020	1.48	Gill infections, ASD/POD	5471
MRT0243	The Scottish Salmon Company	Yaralay	06/10/2020	1.33	Gill Health/Natural CMS	1417
MRT0243	The Scottish Salmon Company	Floorapoll	20/10/2020	1.17	Gill Health (POD), suspected CMS	13,839
MRT0248	Grieg Seafood Shetland Ltd	North Ince	20/10/2020	1.17	Gill Health	13,839
MRT0246	The Scottish Salmon Company	Maawy Loch Inshert	11/10/2020	1.03	Post Treatment (Bath)	876
MRT0246	Grieg Seafood Shetland Ltd	East	06/10/2020	2.3	Treatment / Gill health	3980
MRT0248	The Scottish Salmon Company	Loch Demph	23/10/2020	2.48	Fungus	3980
MRT0248	The Scottish Salmon Company	Maawy	06/10/2020	1.55	Post Treatment (Bath)	3271
MRT0247	Grieg Seafood Shetland Ltd	North Ince	11/10/2020	1.57	Gill health	3237
MRT0246	The Scottish Salmon Company	Glenan Bay	20/10/2020	2.71	Gill Health/POD	33,871
MRT0246	The Scottish Salmon Company	Droiver Bay	23/10/2020	2.75	Gill Health, post treatment	3379
MRT0248	Grieg Seafood Shetland Ltd	East	20/10/2020	1.96	Treatment	8,102 Harvesting Anomalous loss for 4hrs Week 40 to
MRT0249	The Scottish Salmon Company	Russell Burn	06/10/2020	2.11	Fungus, handling	7775
MRT0249	The Scottish Salmon Company	Englim	20/10/2020	1.69	Post treatment	4,391 later sent for treatment
MRT0248	The Scottish Salmon Company	Sper Inghal	23/10/2020	1.13	Gill health	876
MRT0249	The Scottish Salmon Company	Stronker Beg	11/10/2020	2.03	Post treatment (wash)	4675
MRT0249	The Scottish Salmon Company	Stronker Beg	11/10/2020	2.03	Mortality associated to transport from Loch Inshert (Stronker Beg)	4675
MRT0249	Mowi Scotland Ltd	Stuagh	08/10/2020	1.52	Post Treatment	4988
MRT0246	The Scottish Salmon Company	Tarbert South	11/10/2020	1.03	Post treatment, gill health	4626
MRT0249	Loch Duart Ltd	Loch Laxford	09/10/2020	1.99	ASD	3981
MRT0249	Loch Duart Ltd	Loch Laxford	23/10/2020	1.99	ASD	3981
MRT0249	The Scottish Salmon Company	Glenan Bay	11/10/2020	1.44	Post treatment, PG, gill health	3411
MRT0248	Loch Duart Ltd	Loch Inshert	06/10/2020	4.27	Bacterial Disease	1247

10:14 AM · Dec 14, 2020

In November 2020, the Scottish Parliament's Convenor of the Rural Economy & Connectivity Committee (Edward Mountain MSP) [raised the issue of mass mortalities with Mowi's MD Ben Hadfield](#):

 **Don Staniford**  
@TheGAAIA

Convenor of @SP\_RECcttee Edward Mountain MSP:  
"There's enough dead Scottish salmon to fill 300 articulated lorries which would stretch from the Scottish Parliament to Murrayfield!" @SSPOsays  
[@MowiScotlandLtd](#) [@GogarServices](#) [@BBTankers](#)  
[@joe\\_crowley](#) [scottishparliament.tv/channel/commit...](#)



12:00 PM · Nov 18, 2020 · Twitter Web App

 **Don Staniford**  
@TheGAAIA

Video clip of Mowi's MD Ben Hadfield being grilled by [@1edmountain](#) (convenor of [@SP\\_RECcttee](#)) on "difficult" mortality figures for diseased Scottish Salmon  
[@MowiScotlandLtd](#) [@SSPOsays](#) [@ScotParl](#)  
[@HamishMacdonell](#) [@tavishscott](#)  
"You cannot just wave a magic wand" #lordvoldemort



9:52 AM · Nov 19, 2020





**Don Staniford**  
@TheGAAIA



Scottish salmon "is subject to unfair attacks & criticism"  
[@MowiScotlandLtd](#) "In Scotland we have a number of  
activists which focus specifically on a company when  
mortality is occurring" [@ScotParl](#) [@SP\\_RECcttee](#) [@SSPOsays](#)  
[@salmon\\_scottish](#) [@scotseafarms](#)  
[tinyurl.com/y4lr2nhq](https://tinyurl.com/y4lr2nhq)



10:04 AM · Nov 19, 2020



In December 2017, the Scottish Greens [raised the issue of leaking lorries transporting mass mortalities at First Minister's question time.](#)



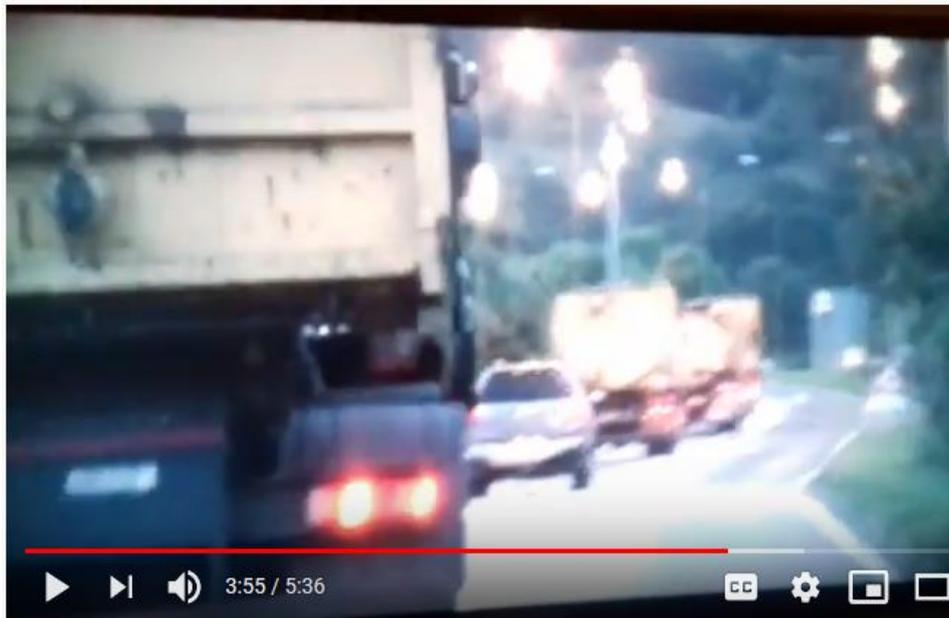
**Mark Ruskell MSP - Scottish Greens**  
December 14, 2017 · 🌐

### Mark Questions the FM on Salmon Farming Deaths

Today at FMQs Mark raised the recent BBC1 investigation into Scotland's salmon farms ... S



The question of mass mortalities was prompted by the [BBC One Show's 'Dead Salmon Run'](#) which showed video footage of Billy Bowie trucks transporting diseased salmon from Scottish Sea Farms in Loch Kishorn to an incinerator in Dumfries.



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

In September 2018, the BBC One Show [broadcast gruesome video footage of a mort burial pit at Whiteshore Cockles in North Uist.](#)



BBC One Show on Lice-Infested Scottish Salmon

2,335 views • Sep 10, 2018

👍 6 🗨️ 1 ➦ SHARE ⚙️ SAVE ...

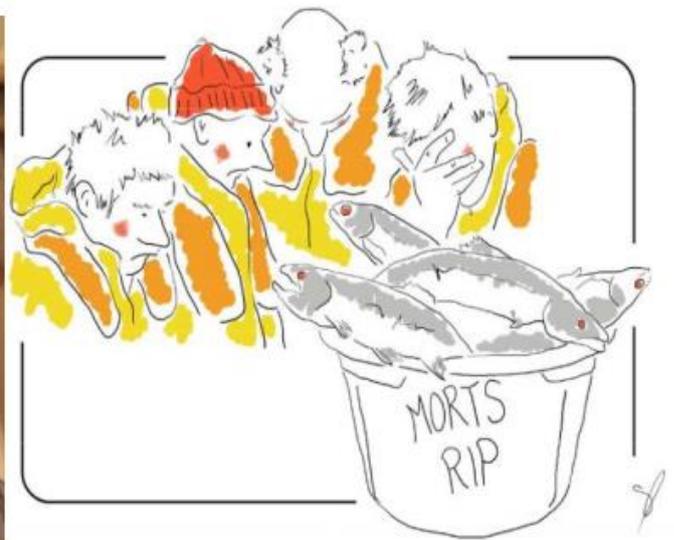
Read more on Whiteshore Cockles via a FOI reply from the Scottish Government [online here](#)

In May 2017, [the Global Alliance Against Industrial Aquaculture reported](#):

## **Media Backgrounder: Mort Disposal of Scottish Farmed Salmon (May 2017)**

### **Ewan Kennedy - The €10 Million Mort Man**

Following a complaint by Ewan Kennedy of Save Seil Sound to the European Commission in 2013, the UK Government avoided a fine of nearly €10 million (£8.2 million) and "possible daily substantial fines of thousands of pounds for continued non-compliance" for breaching a Directive on the disposal of Scottish farmed salmon mortalities since 2003.



Implementation of the EC Directive - after 13 years of non-compliance by disposing of morts via landfill rather than incineration or ensiling - has cost Scottish landfill sites an estimated £228,149.

Mort disposal costs the industry "at least £2 million per year" but the changes (made from 1 January 2016) may have lead to cost reductions for some companies who "will be able to secure low cost contracts with more sustainable processes".

In Shetland, morts are now macerated and ensiled in a central storage point from where the waste is "collected by a specialist waste carrying vessel and taken to Norway for disposal".

Mortalities in 2016 are estimated at 20,000 tonnes (around 10 million farmed salmon) with a mortality rate in the sea of 23.7% (according to the latest data published by the Scottish Government).

**Summary:**

1) An [EC Complaint by Save Seil Sound in 2013](#) forced the Scottish Government to introduce [new rules on mort disposal in 2016](#)



[Photo:](#) Dead farmed salmon from a Marine Harvest salmon farm, Isle of Arran

2) The EC Complaint could have cost the Scottish salmon farming industry [an infraction fine of €9,666,000](#) and "[possible daily substantial fines of thousands of pounds for continued non-compliance](#)"



3) Since 2003, the UK have breached an EU Directive on the disposal of morts. In 2015, the EC complaint prompted the Scottish Government to [consult on a change of policy to avoid "large fines"](#)

4) In January 2016, the Scottish introduced new '[Guidance on the Disposal of Aquaculture Animal By-Products](#)' and published the new report: "[Zero Waste Report - Finfish Mortalities in Scotland](#)"

5) Mortalities in 2016 are [estimated at 20,000 tonnes \(around 10 million farmed salmon\)](#) with a [mortality rate in the sea of 23.7%](#) (according to the latest data published by the [Scottish Government](#))

6) The Scottish Government [proposed a six-month derogation in Shetland](#) (i.e. landfill disposal of morts was allowed in Shetland until July)



[Photo](#): Dead farmed salmon from Grieg Seafood in Shetland

7) An unnamed company in the Western Isles also [requested a six month derogation](#)

8) The Scottish Salmon Producers Organisation [issued 'General Guidance on the Disposal of Fish' in August 2015](#)

Read more via:

[Media Backgrounder: Mort Disposal of Scottish Farmed Salmon](#) (May 2017)

[European Commission complaint over dead fish dumping forces rule change](#) (April 2016)

In 2016, the Scottish Government [published a report on finfish mortalities](#).

PUBLICATION - RESEARCH AND ANALYSIS

# Zero Waste report: finfish mortalities in Scotland

Published: **5 May 2016**

Directorate: [Marine Scotland Directorate](#)

Part of: [Marine and fisheries](#)

The Finfish Mortalities in Scotland report (below) was commissioned by Zero Waste Scotland in order to investigate suitable alternative Animal By Product compliant disposal routes for Scottish finfish farming waste.

The Finfish Mortalities in Scotland report (below) was commissioned by Zero Waste Scotland in order to investigate suitable alternative Animal By Product compliant disposal routes for Scottish finfish farming waste. Alternatives were required to be both logistically and commercially viable for the finfish farming industry with any associated costs and savings clearly identified. Alternatives were required in order to support the industry to meet the change in Regulation which removed landfill as a disposal option from January 2016. These alternatives were to be considered more environmentally sustainable and potentially allow material to be utilised higher up the waste hierarchy.

“Where have all the dead fish gone?” [asked Rob Edwards in The Sunday Herald in 2013:](#)

## Where have all the dead fish gone?

from Sunday Herald, 10 February 2013

It started with rumours about skips full of stinking fish on the shore and crammed containers being transported across the land. And it ended with something of a mystery.

When Ewan Kennedy, a retired lawyer from the Argyll village of Kilmelford, discovered that a nearby fish farm he had been campaigning against had suffered mass mortalities, he wanted to know more. So he started asking questions.

He soon discovered from the **Scottish Environment Protection Agency (Sepa)** that there had been 82,663 salmon deaths between August 2011 and June 2012 at the Ardmaddy fish farm in Seil Sound. But the authorities didn't make clear what had caused the deaths – though it was probably due to an outbreak of **Amoebic Gill Disease**.

And when Kennedy, who is secretary of the **Save Seil Sound campaign group**, asked what had happened to the 257 tonnes of dead fish waste, no-one seemed to know. “This must have presented an enormous disposal problem,” he told the Sunday Herald.

“I don't know which is worse, Sepa and Marine Scotland not asking what killed the fish, or Argyll and Bute Council not knowing anything about where the waste went, when these three share the responsibility for protecting public health.”

**Argyll and Bute Council** confirmed that it had “no policy” on the disposal of dead fish, as that was the responsibility of the fish farm. “They don't tell us where they dispose of them, and they don't have to,” said a council spokeswoman.

Sepa said that the disposal of dead animals was not an area where it had a “leading regulatory role”. It provided advice to councils and animal health authorities and, according to a spokesman, “does not have details of the disposal routes of mortalities arising at fish farms.”

The company that runs Ardmaddy fish farm, Polish-owned **Meridian Salmon**, declined to answer questions about the disposal of its dead fish. So it is impossible to be sure of their fate, though the suspicion is they ended up in a landfill site in northern England.

Two other councils with fish farms in their areas, **Western Isles** and Shetland, said that dead salmon went to local landfill sites. “It is the responsibility of the salmon farm to make arrangements for disposal of their waste, including salmon morts,” said a spokeswoman for **Shetland Islands Council**.

Some 2,193 tonnes of salmon waste were disposed of at the council's landfill site in 2012, she added. But most of the waste was turned into fishmeal at a factory at Heogon on Bressay.



Scottish Salmon Watch [reported in June 2018](#):

### Scottish Salmon Watch, 11 June 2018

#### Highlands & Islands Exposed

#### - FOI disclosure lifts lid on mass mortalities on Scottish salmon farms

- HIE identifies 'medium' level "reputational risk" to £362,000 mass mortality project (£161,000 funded by the taxpayer)

- BBC 'One Show' exposé of 'The Dead Salmon Run' triggers "careful consideration to the wording of a press release" since "industry critics will pick up on this as further evidence of the industry's failings"



Documents disclosed by Highlands & Islands Enterprise (HIE) via Freedom of Information (FOI) lift the lid on mass mortalities plaguing the Scottish salmon farming industry [1]:

- "Reputational risk is more likely to be medium rather than low; a week after the BBC ran two pieces on mortalities in salmon farms we are planning to approve a bulk handling system for mortalities," warn HIE. "We must consider that it is entirely possible industry critics will pick up on this as further evidence of the industry's failings"

- "The current practise of dealing with these events [mass mortalities] is not logistically integrated or properly bio-secure" admit Ferguson Transport

- "We would like to start this project ASAP as we are coming into the summer months that temperatures will rise and when mortalities/disease is most likely to happen within the farms" ask Ferguson Transport

- "Unfortunately, mass mortality incidents are not particularly rare, and when they do occur, there isn't an efficient methodology or 'one stop shop' to deal with them" concede Ferguson Transport

- Ferguson Transport also cite in various documents the "Potential risk of cross contamination"; "Pathogen spread from affected farms"; "Mass mortalities will continue to increase"; and "Disaster response often expensive, protracted and sub-optimal"

"Mass mortalities now stand at [over 25,000 tonnes](#) - that's the equivalent of 2,500 haulage trucks loaded up for what the BBC 'One Show' coined '[The Dead Salmon Run](#),'" said Don Staniford, [Director of Scottish Salmon Watch](#). "That HIE is abusing public money to the tune of nearly £200,000 to bail out the disease-ridden industry is one issue. Another issue altogether is how HIE has been caught censoring and withholding damning documents. Scottish salmon farming is dead in the water due to infectious diseases and lice infestations with a mortality rate of a staggering [26.7%](#) - an [estimated 15-20 million 'morts' during 2017](#)."

Read more via: [Highlands & Islands Exposed: FOI disclosure lifts lid on mass mortalities on Scottish salmon farms](#)

A report [published in December 2018](#) included:

## FISH'N'TRIPS

### THE LOGISTICS ISSUES FACED BY THE SCOTTISH AQUACULTURE INDUSTRY

IDENTIFICATION TABLE	
Client/Project owner	HITRANS and HIE
Project	FISH'N'TRIPS
Study	The Logistics Issues Faced by the Scottish Aquaculture Industry
Type of document	Final report
Date	07/12/2018
Reference number	107750



Mortalities, or morts, are a by-product of fish production, and regulations mean that most necessitate lengthy journeys by truck (including ferry from island production sites) for disposal. There are two types of mortality: routine mortalities, which tend not to cause major transportation problems, and incident-based mortalities, which are unexpected, and can vary between very low numbers and many thousands of tonnes in any given year. The latter has the potential to place high short-term demands on the transport network.

There is a lucrative market for fish gut waste, which is rich in Omega-3 and other nutrients. During primary processing, the guts are removed, and then ensiled, macerated and acidified. They are then taken by road tanker to either Greenock or Lanarkshire where they are converted into fish oils, etc, for animal feeds.

Cooke Aquaculture, which produces roughly 15% of all Scottish salmon, reported that they send five tankers (which carry around 27t each) a week from Orkney and Shetland to Rossyew in Greenock for processing to oils. This suggests that approximately 45,000t – or about 1,700 trucks – per year of fish waste are moving on the Scottish road network.

Previously, farmed fish producers in remote areas had a derogation which permitted the disposal of morts in approved landfill sites; but from 2016 a change in the interpretation of regulations has meant this is no longer possible, resulting in a change in morts logistics.

The majority of morts from Scotland's aquaculture farms are transported, first by boat to local harbours, then by road (including by ferry in some instances) to the SecAnim incineration centre in Widnes. Some Shetland morts are disposed of locally, but others are transported by ferry/road to Widnes, in Cheshire.

Assuming a 16t average payload, based on general haulage payloads and the anticipated part-loads of some movements, the 10,000t typical average results in around 600 lorry loads from Scotland to Widnes per annum, with a one-way journey distance of between about 350 and 400 miles, depending on where in Scotland the morts are landed.

The waste mortalities from salmon farming in Norway are now so massive that they [will be used to power jet airliners carrying Norwegian farmed salmon to Asia](#).

## Salmon waste to power jet airliners

By Vince McDonagh - 14th January 2020



The large Biokraft biofuel plant that is turning salmon waste into jet fuel (photo: Biokraft)

### **WASTE from salmon farms in Norway may soon be used to power jet airliners – including those carrying seafood to Asia.**

Millions of kroner is being invested in the large Biokraft biofuel plant near the town of Skogn in Central Norway to produce 'green' gasoline for planes.

The project is being carried out in collaboration with the Norwegian research and innovation organisation SINTEF and is also thought to involve a German partner with considerable experience in producing aircraft fuel from organic materials.

Håvard Wollan, CEO of Biokraft, told local media that financing still had not been totally agreed as the company was waiting to hear whether EU funding would be available.

The plant is also one of the most advanced of its type in the world, producing up to 10,000 tonnes of biofuel a year for other uses.

A [letter from Mowi dated 7 December 2020](#) cited local complaints regarding the transport of morts from Loch Hourn:

## [Mowi's response to questions provided by the Loch Hourn community via the Glenelg and Arnisdale Community Council](#)

### 22. Will Mowi continue to transport dead fish, causing pollution and a vile stench, via Arnisdale by road?

Transporting fallen stock is inevitable in any farming operation and should be done in such a way as to contain all matter and any odour emanating from it. In 2018 we had an incident where a licenced operator called to collect fallen stock from the shorebase (something we would always consider a last resort). Unbeknown to the operator the container had been damaged on a previous run and had not been noticed, which resulted in some run off at the farm. Farm staff noticed it and quickly set about containing, cleaning, and disinfecting the affected area. They spoke to local residents and informed them of what had happened and asked if they could avoid the area until it was cleaned up.

Going forward Mowi have invested £2.5M in a 'state of the art' feed barge with an in-built ensiling and storage system, and a work boat due in 2021 with the capability of transporting a tanker from a commercial port to the site, where waste will be uploaded and transported off site in a sealed container. As a result of these investments, we can assure residents of Arnisdale that the practice of transporting fallen stock ashore will not happen again.

The Sunday Times [reported in December 2017:](#)

THE  TIMES Today's sections ▾ Past six days Explore ▾

## Vegans in shock at fish electricity

Energy firm SSE admitted generating power from dead salmon earlier this year

Mark Macaskill

Sunday December 10 2017, 12:01am, The Sunday Times



Salmon at a fish farm in Oban  
GETTY IMAGES

Dead salmon from Scottish fish farms are being "recycled" to generate energy for peoples' homes, prompting outrage from animal welfare campaigners.

Over the past two years, vast quantities of fish are thought to have been quietly trucked to plants in Scotland that pulp organic waste to produce biogas. This methane-rich gas is burnt to produce electricity, which is fed to the National Grid and bought by energy firms.

Here's a photo of an [incinerator used by Scottish Sea Farms in Loch Creran 'Special Area of Conservation'](#).



**Andrew Holder**  
@andrholder

...

Thanks to Maggie's detective work, the brown device on the feed barge @scotseafarms Loch Creran seems to be an MB1000AQ aqua incinerator. Are they burning dead fish in a Marine Protected Area? There are quite a lot to get rid of.

[@ScottishEPA](#) [@marinescotland](#) [@MaggieTweettwoo](#)



8:37 PM · Oct 27, 2020 · TweetDeck



**Don Staniford**  
@TheGAAIA



53,000+ mortalities reported @scotseafarms in Loch Creran during October 2020 [tinyurl.com/57ufzydf](https://tinyurl.com/57ufzydf)

Why is this information not published in the 'Mortality Event Reports'? [@marinescotland](#)

Case No:	2020-0486	Date of visit:	10/11/2020
Time spent on site:	4 hours	Main Inspector:	[REDACTED]
Site No:	FS0426	Site Name:	Loch Creran (B)
Business No:	FBU125	Business Name:	Scottish Sea Farms Ltd
Case Types:	1 REP 2 WEL 3 SLI 4 5 6		
Water Temp (°C):		Thermometer No:	
Observations:		FHI 045 completed:	<input type="checkbox"/>
Region:	ST	Water type:	S
CoGP MA:	M-36		
Dead/weak/abnormally behaving fish present?	<input checked="" type="checkbox"/>	If yes, see additional information/clinical score sheet.	

**Additional Case Information:**  
Visit was organised in conjunction with APHA in relation to a welfare complaint made by a third party.

**Mortality Records**

1. Mortality records available for inspection?	<input type="checkbox"/>	Y
2. How are mortalities disposed of?	incinerated - on site	
If other detail:		
3. Mortality records complete and correctly entered?	<input type="checkbox"/>	Y
4. Recent mortality (last 4 wks):	week 44 0.57% (1769) week 43 8.64 (29101) week 42 (6.66 - 24021) week 41	
5. Evidence of recent increased/atypical mortalities?	<input type="checkbox"/>	Y
If yes, facility no/no mortality per facility/no stock per facility/reason:		
see additional info		
6. Any other peaks in mortality during period checked?	<input type="checkbox"/>	Y
If yes, detail:	see additional info	
7. Have increased (unexplained) mortalities been reported to vet or FHI?	<input type="checkbox"/>	Y
If yes, detail action:	Company vets and FHI notified	
8. Have 'mortality events' been reported to FHI? If no, enter details on mortality events sheet.	<input type="checkbox"/>	Y

2:01 PM · Mar 9, 2021



 **Don Staniford**  
@TheGAAIA



Does the RSPCA still certify Loch Spelve? @rspcaassured @scotseafarms A 6% survival rate is truly shocking - out of 382,344 salmon stocked in the farm only 24,000 were harvested! How can the RSPCA condone such cruelty & suffering? @RSPCA\_Frontline @RSPCA\_official @RSPCAChris

 **Don Staniford** @TheGAAIA

Shocking mortalities revealed in Loch Spelve (Isle of Mull) @scotseafarms due to Complex Gill Disease. The site was stocked with 382,344 farmed salmon - 199,124 culled; 177,588 morts & 24,000 harvested tinyurl.com /vfh78s4 40% mortality reported by @SSPOsays in October 2019

Date of visit: 15/11/2019

Main Inspector: [redacted]

Loch Spelve (B)

Scot Sea Farms Ltd

sult". No plankton samples available. Inverluss Mussels week were not responding to feed. Recorded rapid dips in stocked with 382344 - 199124 culled, 177588 morts and

ite/wk Cause; Post physical delousing, CGD  
nvironmental - planktonic gill insult, CGD  
Environmental - planktonic gill insult, CGD  
Environmental - plankton gill insult, CGD  
nvironmental - plankton gill insult, CGD

How are mortalities disposed of? [redacted]

If other detail: [redacted]

Any treatments? (since last inspection) [redacted]

If yes, detail: [redacted]

Other: [redacted]

Any disease on site? (since last inspection) [redacted]

If yes, detail: CGD

Has any animal health surveillance or diagnostic investigations been carried out by, or on behalf of, the business? [redacted]

Any significant results? [redacted]

If yes, detail: CGD

Is there a history of sea lice issues at the site in previous 4 years? [redacted]

If yes, detail: base case 20180202

Has site been able to keep lice levels below the recommended lice levels? [redacted]

If no, detail: [redacted]

Treatment discharge for sea lice in place? [redacted]

If yes, detail: [redacted]



**survival and mortality data**

October 2019

Farm	Monthly mortality (%)	Notes	Cumulative mort over full production cycle (%)
Loch Spelve (B)	37.2 (Farm followed in Oct.)	Environmental/Gill Health	40.6

6:40 PM · Feb 12, 2020



 **Don Staniford**  
@TheGAAIA

So the survival rate at Lismore East was 63% (i.e. 37% mortality) - how many fish died? If there were 500,000 farmed salmon on site then mortalities would be 185,000!



12:14 PM · Mar 10, 2021



Scottish farmed salmon from processing plants ([Category 3 wastes](#)) is also used in pet foods by companies such as Pelagia ([Rosseyew](#)) which is [co-owned by Austevoll Seafood](#) (the [largest shareholder in Leroy](#) – [co-owner of Scottish Sea Farms](#)).



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### Dead Cleaner Fish & Scottish Salmon - Fish Waste Category 3

More from Don Staniford  
 Autoplay next video  
 Dead

Read more via [Media Backgrounder: Waste Disposal Routes for Scottish Salmon - Where Do All the Dead Fish Go?](#) (March 2021)