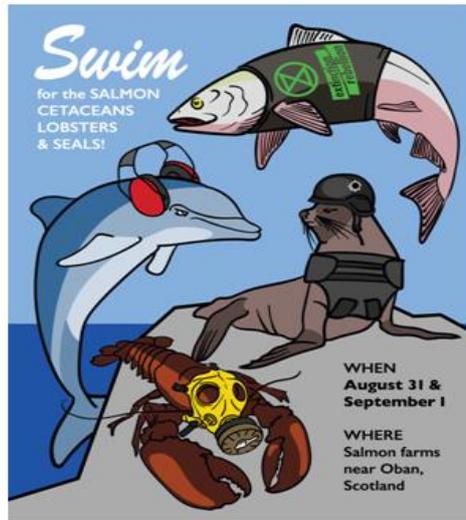


Media Backgrounder & Schedule for Swim for Salmon (31 August & 1 September)



High res images and further details via [Swim for Salmon, Cetaceans, Lobsters & Seals!](#) and [Press Release: "Swim protest against salmon farming pollution on Scotland's west coast"](#)

Contact: [Don Staniford](#) on 07771 541826 (salmonfarmingkills@gmail.com)

Saturday, 31 August 2019

10am: Dunstaffnage salmon farm (Scottish Sea Farms) in the Firth of Lorn ([NM86473414](#))

2pm: Shuna salmon farm (Scottish Sea Farms) in Loch Linnhe ([NM92544966](#))

Sunday, 1 September 2019

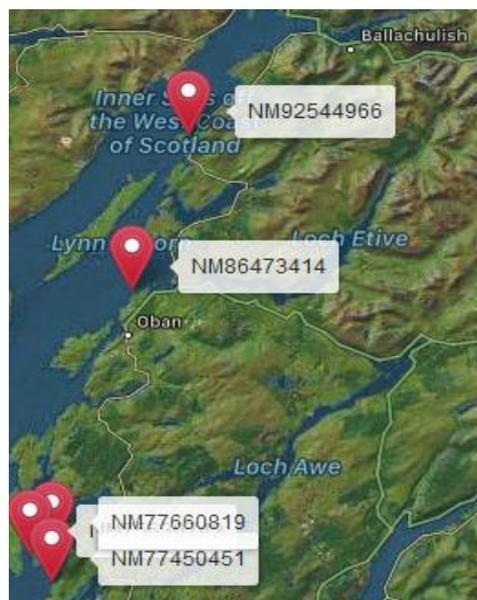
10am to 2pm (weather dependent on which sites visited first):

Bagh Dail nan Ceann salmon farm (Mowi) in the Sound of Jura ([NM77450451](#))

Poll na Gille salmon farm (Mowi) in the Sound of Jura ([NM77660819](#))

Rubh an Trilleachain salmon farm (Mowi/Kames) in Shuna Sound ([NM75630742](#))

Port na Cro (Mowi) in Shuna Sound ([NM76070983](#))



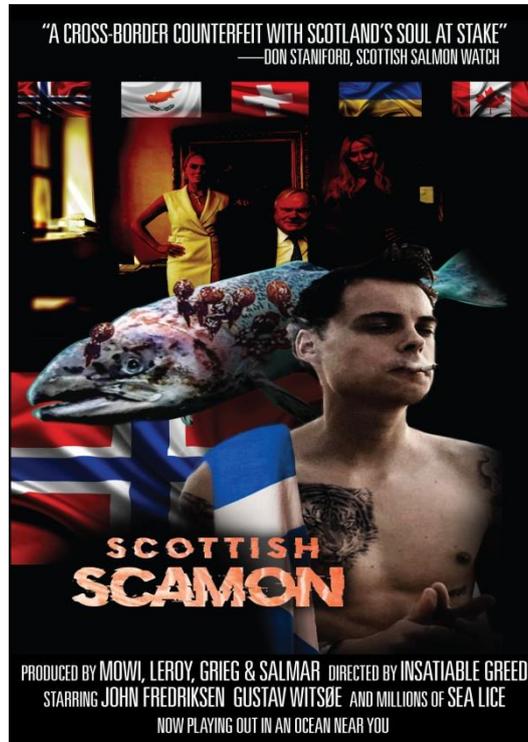
Argyll's 'Hope Spot'

The six salmon farms are all [located within the Argyll Coast & Islands Hope Spot](#) - the [first in the UK](#) ([recognised for its rich marine wildlife](#)).



Scottish Scamon

So-called 'Scottish' salmon farming is actually [65% Norwegian-owned and 99% is owned/controlled by foreign interests](#). Mowi and Scottish Sea Farms control over 50%.



[Norwegian-owned Mowi](#) is Scotland's largest salmon farm company representing ca. 38% of salmon farming production. Mowi was formerly called Marine Harvest - they changed their name on 1 January 2019 [due to negative consumer perception \(despite the objections of the Mowinckel family\)](#). [Norwegian-owned Scottish Sea Farms](#) is Scotland's second largest salmon farming company with ca. 20% control.



Scottish 'Salmonwatch'



Read details on the 'Salmonwatch' campaign and protests against Scottish Salmon via:

[Press Release: "Testing Times for Scottish Salmon"](#)

[Press Release: "Swim protest against salmon farming pollution on Scotland's west coast"](#)

[Swim for Salmon, Cetaceans, Lobsters & Seals!](#)

["Don't stress our fish, campaigners told"](#)

[Protest "Poses Serious Risk to Our Salmon" Claim Scottish Sea Farms - Who's Calling Who "Dangerous"?](#)

[Letter to Police Scotland re. protocol for filming salmon farms](#)

[The Ferret: "Police Scotland acted as 'private security' for fish farm, claims campaigner"](#)

[Make a Splash for Salmon, Cetaceans, Lobsters & Seals!](#)

[Swimming \(& Paddling\) Against the Rising Tide of Salmon Farming](#)

[Video sparks HSE scrutiny of Mowi in Loch Linnhe](#)

[STV News: "Inspection call to stop 'surge of deaths' at salmon farms"](#)

[BBC News: "Salmon petition calls for 'emergency' fish farm inspections"](#)

['Salmonwatch' Exposes Scottish Salmon's Dirty Secrets](#)

[Shocking Video Footage from Mowi's 'Bay of the Dead Heads' \(Bagh Dail nan Ceann\)](#)

[Photos of Secret Filming at Scottish & Irish Salmon Farms](#)

["Campaigners call for urgent investigation of all Scottish salmon farms"](#)

['Salmonwatch' Launched in Scotland](#)

[Biosecurity Precautions for Filming Salmon Farms](#)

News coverage via:

[The Herald: "Citizen science activists target salmon farms"](#)

[The Times: "Campaigners test health at salmon farms"](#)

[Press & Journal: "Claims fish farm protest must be halted on health and safety grounds"](#)

[The Scotsman: "Protestors set to target west coast fish farms"](#)

[Intrafish: "Protestors to test water around salmon farms"](#)

[The National: "Salmon chiefs issue warning to swimmers ahead of protest"](#)

Video footage is available via [Don Staniford's Vimeo channel](#):



Dying a Slow Death at Mowi's 'Bay of the Dead Heads'
Don Staniford | 93 plays



Dead in the Water - Mowi's Bad Movie from Bagh Dail n...
Don Staniford | 35 plays



Police Scotland Acting as Private Security Enforcement...
Don Staniford | 487 plays



Dead Cleaner Fish at Mowi's 'Bay of the Dead Heads'
Don Staniford | 16 plays



Mowi's 'Bay of the Dead Heads' (Bagh Dail nan Ceann)
Don Staniford | 25 plays



Guided Tour of Mowi's Ardgour Salmon Farm in Loch L...
Don Staniford | 170 plays

Other news is online via [Don Staniford's blog](#) and via [Scottish Salmon Watch](#)



WATCH LIVE



More videos via Take the Salmon Pledge [online here](#)

The Welfare Nightmare of Scottish Salmon Farming

The Times [reported](#) (28 August 2019):

A Scottish government spokesman said that there was no evidence to support claims of welfare abuse at Scottish salmon farms.

Scottish Salmon Watch strongly disagrees and believes that the Scottish Government's Fish Health Inspectorate has already [amassed enough evidence of welfare abuse](#) on salmon farms to take legal action for breach of the [Animal Health & Welfare \(Scotland\) Act 2006](#) - specifically in relation to "[Unnecessary Suffering](#)", "[Cruel Operations](#)" and "[Ensuring Welfare of Animals](#)". We believe welfare abuse similar to the [gruesome photographic evidence published by the Scottish Government's Fish Health Inspectorate in 2018](#) (despite [legal threats from Scottish Sea Farms and The Scottish Salmon Company](#)) is widespread.



Fish Farm: Raineach, East Loch Tarbert, Harris

Company: Marine Harvest

Problems: amoebic gill disease, lice

Fish health inspection: five fish sampled on 4 October 2016

Case number: 2016-0449



Read more background via [Scottish Salmon Watch](#) - including:

[Scottish Salmon's Mort Mountain Piles Ever Higher in 2019](#)

[Mmmm Blind Scottish Salmon with Boils, Anyone?](#)

[The Sorry State of Salmon Farming in 2018](#)

[Justice for Fish - Welfare of Scottish Salmon in Legal Spotlight](#)

[Legal Complaint Vs Breaches of Animal Health & Welfare \(Scotland\) Act](#)

[EXPOSED: Gruesome Photos of Deformed & Diseased Scottish Salmon](#)

[REVEALED: Legal Threats to Prevent Publication of Damning Photographs of Diseased & Deformed Scottish Salmon](#)

[Hard Evidence: Photos of Diseased & Deformed Scottish Salmon](#)



[Scottish Salmon's Mort Mountain - Leaping to Record Levels in 2018?](#)

[Hard Evidence: Dossier of Data on Lice, Diseases & Mortalities at Scottish Salmon Farms](#)

[Hard Evidence: Fast-Tracking Disease-Ridden Scottish Salmon](#)

[The Skinny on Scottish Salmon](#)

[Blowing the Whistle on Scottish Salmon](#)

[Dirty Rotten Scottish Salmon - Videos lift lid on can of worms, beetles & maggots!](#)

[Photos: Dirty Rotten Scottish Salmon - Lifting the Lid!](#)



And via The Ferret:

[Horror photos of farmed salmon spark legal threat](#)
[Revealed: the fish farms worst on animal welfare](#)
[Sick salmon at Scottish fish farm revealed on film](#)
[Salmon firms bid to block diseased photos](#)
[Fish that eat lice off farmed salmon suffer, says report](#)



Fish Farm: Meall Mhor, Loch Fyne

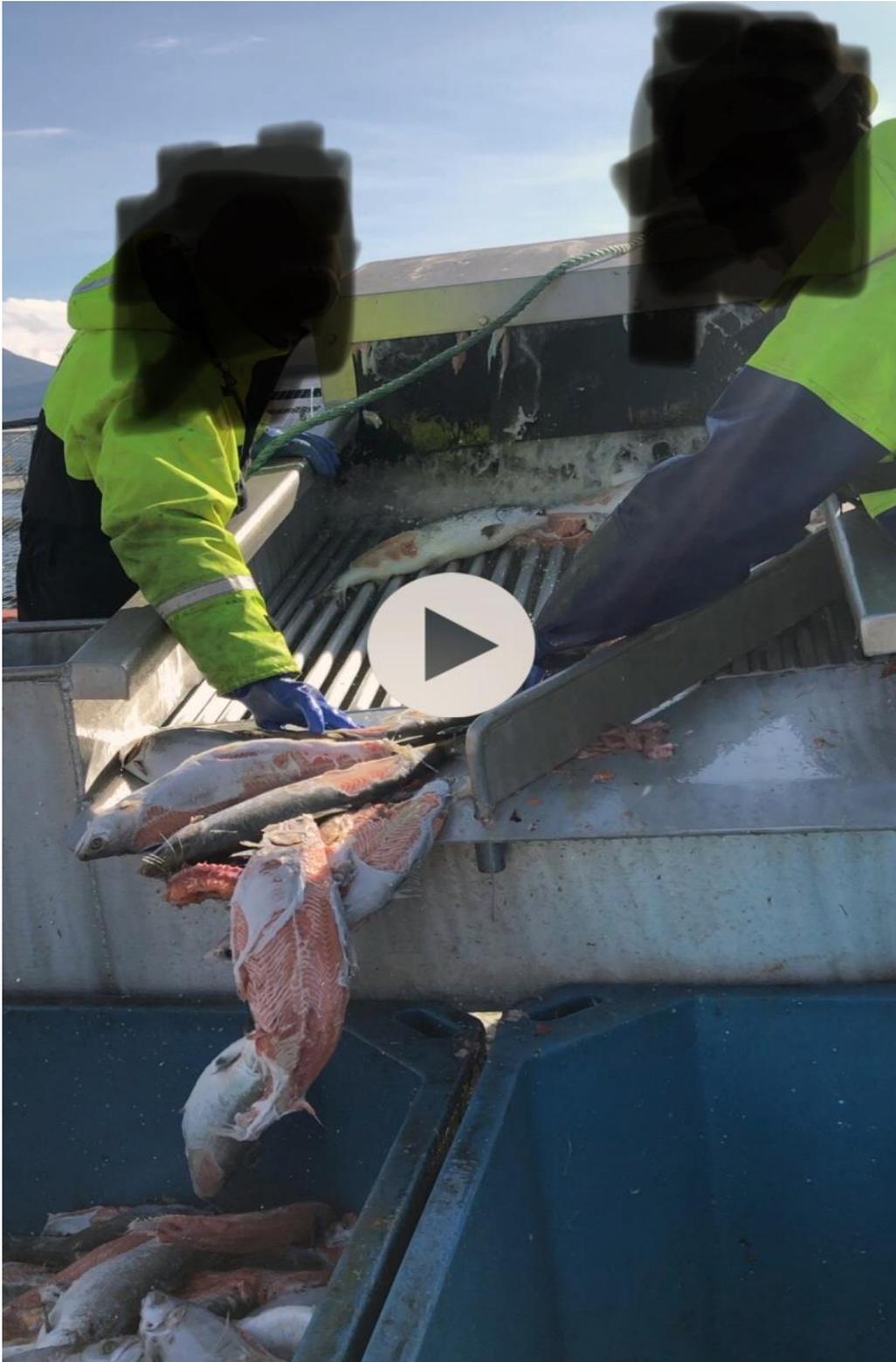
Company: Scottish Salmon Company

Problems: unknown

Fish health inspection: unknown

Case number: 2018-0113

In June 2018, [The Sunday Mail reported](#) that 300,000 farmed salmon had died - [battered to death in storms](#) - at Mowi's salmon farm at Carradale in Kilbrannan Sound.



Moving salmon farms to more exposed location will serve only to exacerbate welfare problems. Read more via [Memo to MOWI - You Got to Move it, You Got to Move it Mowi!](#)

A [2018 welfare report by OneKind](#) ranked Mowi (then named Marine Harvest - it changed its name in January 2019 [due to negative consumer perceptions](#) despite [objections from the Mowinckel family](#)) as operating [the worst salmon farm in Scotland at Poll Na Gille and the joint second worst was Bagh Dail Nan Ceann](#).

Table 1. The top 7 worst performing salmon farms for animal welfare in 2017.

Rank	Farm	Company	Mortality score	Escape score	Biomass score	Seal score	Sea lice score	Welfare score
1	Poll na Gille	Marine Harvest	0	3	3	3	2	11
2	MacLean's Nose	Marine Harvest	3	3	0	3	0	9
=	Bagh Dail nan Ceann	Marine Harvest	0	0	3	3	3	9
=	Vuia Beag	The Scottish Salmon Co.	3	3	0	3	0	9
3	Inch Kenneth	The Scottish Salmon Co.	3	0	0	3	2	8
=	Badcall Bay	Loch Duart Ltd.	3	0	0	3	2	8
=	Loch Carnan	Loch Duart Ltd.	3	0	0	3	2	8

Shocking video footage shot in July 2019 at Mowi's Bagh Dail Nan Ceann salmon farm [exposed welfare abuse of cleaner fish](#) - with lumpfish found dead and dying on the surface of a cage.



Read more on the welfare of cleaner fish via:
[Fish used to help clean salmon of sea lice are at risk, warn animal rights campaigners](#)

Inspections by the Scottish Government Fish Health Inspectorate in June 2019 ([published online in August 2019](#)) revealed welfare, disease and mortality problems at Mowi's salmon farms at Port Na Cro and Bagh Dail Nan Ceann - including 'crater disease' in cleaner fish.



Don Staniford
@TheGAAIA

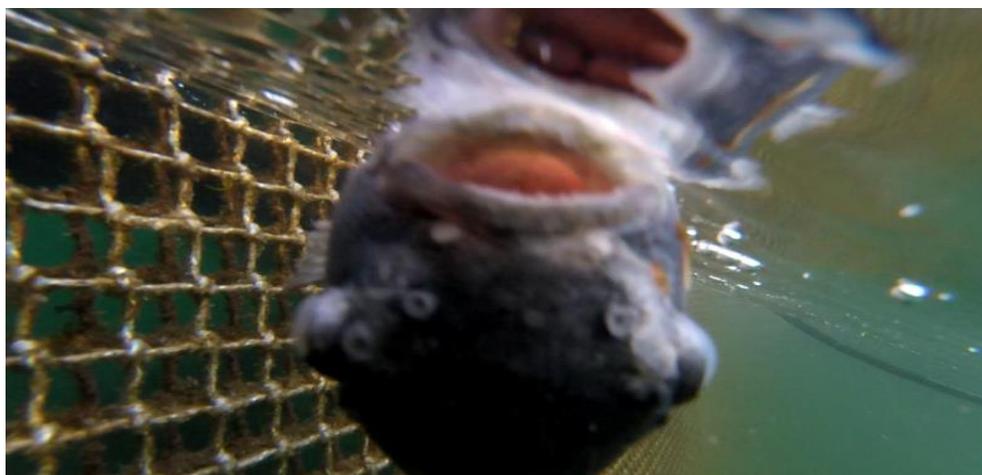
A health report for [@MowiScotlandLtd](#) in June 2019 cited "obvious mechanical damage from the Thermolicer"; 10,000 dead lumpfish "with fungus attributed to the warmer weather" & "Lethargic fish hanging at sides" (Pancreas Disease suspected)
tinyurl.com/yxv3psc2 [@marinescotland](#)

Case No:	2019-0312	Date of visit:	28/06/2019			
Time spent on site:	8hrs	Main Inspector:				
Site No:	FS0859	Site Name:	Port Na Cro			
Business No:	FB0119	Business Name:	Mowi Scotland Ltd			
Case Types:	1 ECI	2 CNI	3 SLI	4 VMD	5	6
Water Temp (°C):	12.5	Thermometer No:	T155	FHI 045 completed	N	
Observations:	Region:	ST	Water type:	S	CoGP MA	M-40
Dead/weak/abnormally behaving fish present?	<input checked="" type="checkbox"/> If yes, see additional information/clinical score sheet.					

Salmosan treatment - pen 1 (Thursday the second of may.) post treatment mortality - 2.4% Cumulative mortality lost from pen.

Thermolicer treatment. 15th of June. Good clearance reported after treatment. Pens that had been treated with the thermolicer more recently had some lethargic fish visible in the pens, some of which had obvious mechanical damage from the thermolicer treatment.

42000 lumpfish put in at end of 2018 - 32000 left. Lots of mortality attributed to post treatment and summer weather. Lethargic and lean lumpfish could be seen swimming round the edges of the pens. There were a lot of healthy ones too. Some had apparent issues with fungus attributed to the warmer weather. Site manager noted that they do really well in the winter months but as the sea warms up in summer they see increases in mortality and increases mortality post treatment.





Don Staniford
@TheGAAIA

A Fish Health report for @MowiScotlandLtd's Bagh Dail nan Ceann salmon farm in June 2019 cited Amoebic Gill Disease in farmed salmon & craters disease in lumpfish. "Issues with mortality increasing with the warmer weather" said @marinescotland tinyurl.com/yxv3psc2 @SSPOsays

Case No:	2019-0311	Date:	
Time spent on site:		Main Inspector:	
Site No:	25805	Site Name:	Bagh Dail Nan Ceann
Business No:	26118	Business Name:	Mowi Scotland Ltd
Case Types:	1 [CI] 2 [CNI] 3 [SLI] 4 [VMD] 5 [] 6 []		
Water Temp (°C):	12.5	Thermometer No.:	1155
Observations:	Region: ST	Water type:	S
Dead/weak/abnormally behaving fish present?	<input checked="" type="checkbox"/>	if yes, see additional information	

Carried out by, or on behalf of, the business?

AGD detected at low level

health manager did observe any on site visit.

14/2/19-26/06/19

Dying a Slow Death at Mowi's 'Bay of the Dead Heads'
from Don Staniford



9:17 PM · Aug 21, 2019 · Twitter Web App



Read more via [Unnecessary Suffering & Cruel Operations at Mowi's at Bagh Dail nan Ceann salmon farm \(Sound of Jura\)](#) and [Scottish Salmon's Mort Mountain Piles Ever Higher in 2019](#)

The industry's use of mechanical treatments for lice infestation ([used in July 2019 by Mowi's salmon farms at Poll Na Gille and Bagh Dail Nan Ceann](#)) raises [serious welfare concerns](#).



Salmon Business [reported in August 2019](#):

Authorities mull over ban on thermal delousing

News by editorial staff - 22 August 2019

Most-used non-chemical method to remove lice may be phased out.

The Norwegian Food Safety Authority has warned this week that it may be phasing out thermal delousing over two years, the Norwegian Animal Protection Alliance wrote in a press release.

"This is too passive. It is high time that the suffering of the fish is taken seriously," said Animal Protection Alliance zoologist Susanna Lybæk.

Thermal delousing is a method that uses hot water to remove lice from fish in Norwegian fish farming. The use of thermal treatment has increased greatly in recent years and has become the most widely used drug-free lice treatment in Norwegian fish farming.

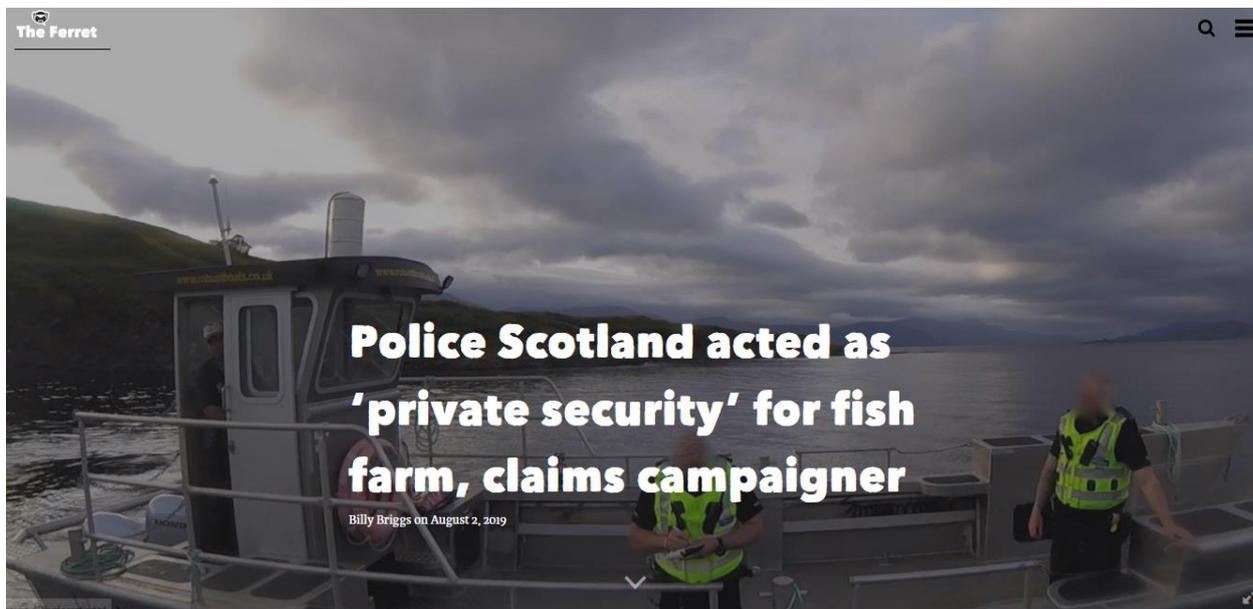
Several experts on fish health and welfare have questioned in recent years whether the method violates the Animal Welfare Act.

This week, the Norwegian Food Safety Authority has warned that thermal delousing may be prohibited, unless "new knowledge proves that it can be used in a well-mannered manner". The phase-out period is set at two years. Zoologist and scientific advisor in the Animal Protection Alliance, Susanna Lybæk, thinks this is the right time.

"We have known for several years that thermal delousing causes panic behaviour and increased salmon mortality, and that treatment is likely to be painful. Two years is too long for the salmon to wait. Such torture chambers for salmon should never have been allowed in the first place," she added.

Police Scotland Acting as Private Security for Salmon Farms

Instead of upholding animal welfare laws it seems that Police Scotland is more interested in protecting Scottish salmon farming from public scrutiny. When Scottish Salmon Watch visited the Shuna salmon farm operated by Scottish Sea Farms in July 2019 a [boat carrying two Police Scotland officers ordered us to leave the area and suggested that permission was required from the Norwegian-owned company to be in public waters.](#)



Read more via:

[The Ferret: "Police Scotland acted as 'private security' for fish farm, claims campaigner"](#)
[Letter to Police Scotland re. protocol for filming salmon farms](#)

Watch the video report on the Police Scotland incident [online here](#)



Stressed Scottish Salmon

Fish Farmer

For all the latest industry news, markets and jobs in aquaculture

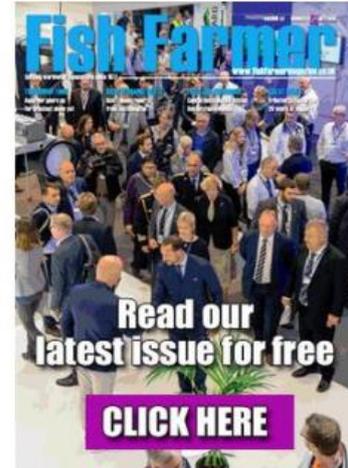
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News

Don't stress our fish, campaigners told

By Editors - 26th August 2019



Scottish Sea Farms is concerned that our protests will be "dangerous" and "poses a risk to salmon stocks, potentially breaching biosecurity protocol and causing stress to the fish, both of which can have devastating consequences on animal welfare":

From: **Lesley Rice** <lesley.rice@scottishseafarms.com>

Date: Thu, Aug 22, 2019 at 12:23 PM

Subject: Planned protest

To: dstaniford@gaaia.org, salmonfarmingkills@gmail.com

Dear Scottish Salmon Watch,

Please find attached a short note sent on behalf of all at Scottish Sea Farms in response to your calls for people to join you in a water-based protest.

With best wishes,

Lesley

Lesley Rice (Dougall) | Communications & Marketing Manager | Scottish Sea Farms
Laurel House, Laurelhill Business Park, Stirling, Scotland, FK7 9JQ | +44 1786 388026 | +44 7341 730608

22 08 2019

Dear Scottish Salmon Watch,

Proposed water-based protest

We are writing to ask you to reconsider your proposed water-based protest and your call for swimmers, kayakers and boat operators to join you.

First and foremost, there's a real risk to the safety of those you are encouraging to join you. The currents, tides and changeable weather around the Oban and Loch Linnhe areas have resulted in several instances of people getting into unexpected difficulty, sometimes with fatal results.

There's also a risk to our own farm teams should any key equipment or infrastructure be inadvertently moved or loosened. As you point out, Scotland's Right to Roam extends to the marine environment. However, it does not extend to landing on or interfering with moored equipment or our salmon stocks, nor can the safe operation of farms be interfered with.

In addition, a water-based protest poses a risk to our salmon stocks, potentially breaching biosecurity protocol and causing stress to the fish, both of which can have devastating consequences in terms of animal welfare.

It is for all these reasons that we urge you to reconsider your proposed protest and find less dangerous means of expressing your opinion.

**Sent on behalf of all at
Scottish Sea Farms**



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From: **Don Staniford** <salmonfarmingkills@gmail.com>
Date: Thu, Aug 22, 2019 at 2:57 PM
Subject: Re: Planned protest
To: Lesley Rice <lesley.rice@scottishseafarms.com>

Thanks - I'd be happy to meet Scottish Sea Farms on the morning of 31 August prior to the event. Ideally, Police Scotland would also be present.

We have a police liaison officer (former policeman Mark Carter of Marine Concern) who knows the area well and is willing to board any police boat or Scottish Sea Farms boat.

We could discuss specific plans and doubly ensure that safety and biosecurity measures are addressed.

You can read letters to Police Scotland via:

<https://donstaniford.typepad.com/my-blog/2019/08/letter-to-police-scotland-re-protocol-for-filming-salmon-farms-.html>
<https://donstaniford.typepad.com/files/letter-re-protocol-guidelines-for-filming-at-salmon-farms-21-july-2019.pdf>

And you can read about our biosecurity & safety protocols via
<https://donstaniford.typepad.com/my-blog/2019/07/biosecurity-precautions-for-filming-salmon-farms-.html>

What do Scottish Sea Farms consider a safe distance away from the cages?

We'd certainly like to take water samples of the untreated sewage effluent from your feedlots.

Thanks,

Don

Scottish Salmon Watch has formally asked the Scottish Salmon Producers Organisation ([represented by former Times journalist Hamish Macdonell](#)) to arrange site visits:

From: **Don Staniford** <salmonfarmingkills@gmail.com>
Date: Fri, Aug 23, 2019 at 3:31 PM
Subject: Site visits on 31 Aug & 1 September?
To: Hamish Macdonell <hmacdonell@scottishsalmon.co.uk>
Cc: Mark Carter <mc@marineconcern.com>, Marshall, Sophie <Sophie.Marshall@scotland.pnn.police.uk>, <lesley.dougall@scottishseafarms.com>, <ian.roberts@mowi.com>

Hamish,

Further to our conversation at the Scottish Parliament earlier this year, would it be possible to organize site visits to salmon farms over the weekend of 31 August & 1 September?

We have a police liaison officer (former policeman Mark Carter of Marine Concern - copied in here) who knows the area well and is willing to board any police boat or Scottish Sea Farms/Mowi boat to monitor the events.

Prior to the visits we could meet to discuss specific plans and doubly ensure that safety and biosecurity measures are addressed.

You can read letters to Police Scotland via:

<https://donstaniford.typepad.com/my-blog/2019/08/letter-to-police-scotland-re-protocol-for-filming-salmon-farms-.html>

<https://donstaniford.typepad.com/files/letter-re-protocol-guidelines-for-filming-at-salmon-farms-21-july-2019.pdf>

And you can read about our biosecurity & safety protocols via

<https://donstaniford.typepad.com/my-blog/2019/07/biosecurity-precautions-for-filming-salmon-farms-.html>

I know Scottish Sea Farms (copied in here) have concerns about biosecurity, safety and animal welfare.

I have also copied in Mowi's head of communications Ian Roberts along with Police Scotland's Sophie Marshall who I spoke with earlier this week and briefed her on our plans.

Here's the latest schedule:

Saturday, 31 August 2019

10am: Dunstaffnage salmon farm (Scottish Sea Farms) in the Firth of Lorn ([NM86473414](#))

2pm: Shuna salmon farm (Scottish Sea Farms) in Loch Linnhe ([NM92544966](#))

Sunday, 1 September 2019

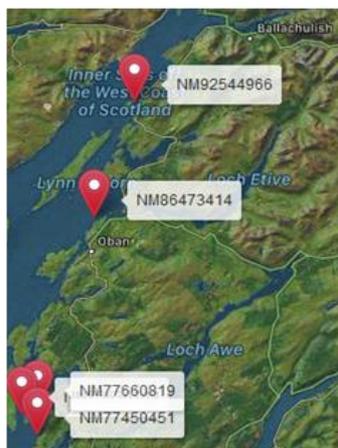
10am to 2pm (weather dependent on which sites visited first):

Bagh Dail nan Ceann salmon farm (Mowi) in the Sound of Jura ([NM77450451](#))

Poll na Gille salmon farm (Mowi) in the Sound of Jura ([NM77660819](#))

Rubh an Trilleachain salmon farm (Mowi/Kames) in Shuna Sound ([NM75630742](#))

Port na Cro (Mowi) in Shuna Sound ([NM76070983](#))



We'll be taking water samples near the salmon farms and would also like to board the farms to take photos, video and samples of farmed salmon and cleaner fish for disease testing (we will be accompanied by a trained veterinarian).

From the recently published Scottish Government's Fish Health Inspectorate data on mortalities and disease it seems that Mowi has welfare problems at Bagh Dail Nan Ceann and Poll Na Gille in particular:

[Scottish Salmon's Mort Mountain Piles Ever Higher in 2019](#)

[Shocking Video Footage from Mowi's 'Bay of the Dead Heads' \(Bagh Dail nan Ceann\)](#)

And filming in July at the Mowi/Kames salmon farm at South West Shuna (Rubh an Trilleachain) has uncovered footage of disease-looking cleaner fish:

<https://donstaniford.typepad.com/files/letter-re.-bdnc-breach-of-animal-health-welfare-act-2006-20-july-2019.pdf>

<https://vimeo.com/355524215>

Drone footage of the Shuna salmon farm operated by Scottish Sea Farms also raises serious welfare concerns: <https://vimeo.com/348596635>

It is also alarming that Police Scotland acted as a security guard for Scottish Sea Farms when the area in question is public waters with historic and intrinsic rights of navigation:

<https://theferret.scot/staniford-police-scotland-scottish-sea-farms/>

<https://donstaniford.typepad.com/my-blog/2019/07/police-scotland-acting-as-private-security-enforcement-for-norwegian-owned-scottish-sea-farms.html>

Scottish Salmon Watch believes that salmon farms on the West coast of Scotland may be breaching the [Animal Health & Welfare Act \(Scotland\) 2006](#) in relation to "[Unnecessary Suffering](#)" (Section 19); "[Cruel Operations](#)" (Section 21) and "[Ensuring Welfare of Animals](#)" (Section 24).

Hence the calls by over 43,000 SumOfUs petitioners for immediate unannounced on-the-spot inspections: <https://actions.sumofus.org/pages/stop-salmon-from-suffering-investigate-scottish-fish-farms-right-now-1>

Do you think it would be possible to arrange formal site visits on 31 August and 1 September?

I am on 07771 541826 if you have any queries.

Thanks,

Don

Director of Scottish Salmon Watch

From: **Hamish Macdonell** <hmacdonell@scottishsalmon.co.uk>

Date: Mon, Aug 26, 2019 at 9:11 PM

Subject: Re: Site visits on 31 Aug & 1 September?
To: Don Staniford <salmonfarmingkills@gmail.com>
Cc: Mark Carter <mc@marineconcern.com>, Marshall, Sophie
<Sophie.Marshall@scotland.pnn.police.uk>, lesley.dougall@scottishseafarms.com
<lesley.dougall@scottishseafarms.com>, ian.roberts@mowi.com <Ian.Roberts@mowi.com>,
Julie Hesketh-Laird <jhesketh-laird@scottishsalmon.co.uk>, Nathan Tyler
<ntyler@scottishsalmon.co.uk>

Dear Don,

The SSPO cannot facilitate such visits to farms.

Anyone wanting to do so should approach the companies concerned.

Please see the guidance on the SSPO website relating to health and safety and visits to salmon farms.

<http://scottishsalmon.co.uk/safety-near-salmon-farms/>

Regards,

Hamish Macdonell

From: **Don Staniford** <salmonfarmingkills@gmail.com>
Date: Tue, Aug 27, 2019 at 7:49 AM
Subject: Re: Site visits on 31 Aug & 1 September?
To: Hamish Macdonell <hmacdonell@scottishsalmon.co.uk>
Cc: Mark Carter <mc@marineconcern.com>, Marshall, Sophie
<Sophie.Marshall@scotland.pnn.police.uk>, lesley.dougall@scottishseafarms.com
<lesley.dougall@scottishseafarms.com>, ian.roberts@mowi.com <Ian.Roberts@mowi.com>,
Julie Hesketh-Laird <jhesketh-laird@scottishsalmon.co.uk>, Nathan Tyler
<ntyler@scottishsalmon.co.uk>

Hamish,

It is disappointing that the SSPO cannot coordinate site visits this weekend. If you change your mind I am on 07771 541826.

Re: the SSPO's advice on '[Safety Near Salmon Farms](#)'

And specifically the statement:

"It is advised that a distance of 15 metres is maintained from the perimeter of a site to ensure safe passage and minimise any risk of harm or damage. You should avoid swimming, diving or kayaking closer than 15 metres to a fish farm"

Do you have any regulation, law or any guidance justifying such a distance? Is this backed up by Police Scotland, Marine Scotland, APHA or any other Government agency?

If the weather and water conditions are suitably safe then I certainly plan to swim and/or kayak much closer than 15 metres from the salmon farms. In order to collect samples of waste effluent to test for infectious diseases, pathogens, parasites, bacteria, contaminants, chemicals etc it is necessary to get as close as possible. I will have my family - including our 4 & 5 year old children on board the main boat - so the notion that I would be compromising safety is ludicrous.

Your "don't stress our fish" argument (as [published in yesterday's Fish Farmer](#)) simply does not hold water either. Read more via [Protest "Poses Serious Risk to Our Salmon" Claim Scottish Sea Farms - Who's Calling Who "Dangerous"?](#)

If salmon farmers held animal welfare in high regard then they would not be cramming a migratory species like the Atlantic salmon - the King of Fish - in lice-infested, disease-ridden cages. And salmon farmers would not be using a torture chamber for fish - the Thermolicer ([watch video of the Voe Earl Thermolicer - used by Mowi - in Craobh Haven](#)) - if they had any serious concerns about welfare. Norway is considering a ban and Scottish Salmon Watch believes Scotland should follow suit. Read more via [Authorities mull over ban on thermal delousing](#).

It's an undeniable reality that salmon farming is a welfare nightmare with Mowi's site at Poll na Gille (where we will visit on Sunday 1 September) [ranked by OneKind as the worst in Scotland](#). Mowi's Bagh Dail Nan Ceann salmon farm is [ranked third worst by OneKind](#).

When we filmed inside a salmon cage at Bagh Dail Nan Ceann (meaning 'Bay of the Dead Heads' in Gaelic) in July 2019 we were horrified by the dead and dying cleaner fish on the surface of the farm. Read our report via [Shocking Video Footage from Mowi's 'Bay of the Dead Heads' \(Bagh Dail nan Ceann\)](#).

As you are fully aware, when the Scottish Government's Fish Health Inspectors visited Mowi sites around Shuna in June 2019 they reported welfare, mortality and disease problems (including 'crater disease' in cleaner fish). Read more via [Scottish Salmon's Mort Mountain Piles Ever Higher in 2019](#)

Suffice to say here that getting closer than 15 metres (taking all biosecurity and safety protocols into account - read more via [Biosecurity Precautions for Filming Salmon Farms](#)) is required in order to see if Mowi and Scottish Sea Farms are breaching welfare laws (and health & safety for that matter) not to mention environmental pollution regulations.

In particular, Scottish Salmon Watch believes salmon farms are routinely breaching the [Animal Health & Welfare \(Scotland\) Act 2006](#) - specifically in relation to "[Unnecessary Suffering](#)", "[Cruel Operations](#)" and "[Ensuring Welfare of Animals](#)".

We have strong reasons - probable cause if you want to use a criminal law term - to believe that Mowi and Scottish Sea Farms are guilty of welfare abuse similar to the [gruesome photographic evidence obtained from the Scottish Government's Fish Health Inspectorate in 2018](#).

BBC Panorama broadcast video footage from diver David Ainsley showing waste pollution under a Mowi salmon farm around Shuna (Poll na Gille). Watch via ['Salmon Farming Exposed'](#).

If David Ainsley had stayed 15 metres away he would not have captured nauseating video footage of dead and diseased salmon at the bottom of a salmon farm operated by Mowi around Shuna either. Watch [online here](#) and [online here](#).

We are hoping to have a diver on board and if they dived under Scottish Sea Farms and/or Mowi farms then staying 15 metres away would not show the state of waste pollution, welfare problems or mass mortalities. Or that is the SSPO's intention in warning us off?

From 15 metres away we should still be able to hear the Acoustic Deterrent Devices used by Mowi - indeed peer-reviewed scientific research has shown that cetaceans such as harbour porpoises can hear the noise pollution from salmon farms as far as 25 km away. Read more via [BBC Countryfile on ADDs impacting on cetaceans](#)

As Scottish Salmon Watch has offered previously, we have Mark Carter of Marine Concern on hand willing to act as a police liaison. Mark is an ex-policeman and also knows the waters around Oban well as a kayaker and marine expert.

We would be happy to meet with the SSPO, Scottish Sea Farms, Mowi and Police Scotland prior to the events over the weekend to further discuss safety and biosecurity.

As previously requested, we would kindly ask Mowi and Scottish Sea Farms to establish a cease-fire over the weekend and take fire-arms off the site. I will be dressed as a seal and the bullet proof vest is fake ([just like M&S's Lochmuir salmon](#)). Read more via [Letter to Police Scotland re. protocol for filming salmon farms](#)

Given our plans to be in the water - designated public waters afforded protection to navigation and recreation under Scottish law - around salmon farms could I please ask that Mowi and Scottish Sea Farms stop chemical delousing over the coming week? Boats carrying toxic chemicals have been seen recently in the area where we will be swimming and we do not want our health to be impacted by pesticides known to be lethal to lobsters and other marine life.



We will be wearing gas masks but again these are not real and we would ask that Mowi & Scottish Sea Farms respect public safety and public health.

If you have any concerns or queries please do not hesitate to contact me. Further information including specific details on the protests is available via: [Swim for Salmon, Cetaceans, Lobsters & Seals!](#)

Thanks,

Don

Director of Scottish Salmon Watch

From: **Don Staniford** <salmonfarmingkills@gmail.com>
Date: Tue, Aug 27, 2019 at 8:07 AM
Subject: Fwd: Site visits on 31 Aug & 1 September?
To: <lesley.dougall@scottishseafarms.com>, <ian.roberts@mowi.com>, <Jayne.MacKay@mowi.com>
Cc: Mark Carter <mc@marineconcern.com>, Marshall, Sophie <Sophie.Marshall@scotland.pnn.police.uk>

Would it be possible to have a official site visits to your salmon farms on 31 August and 1 September?

We will be in the public waters close to your salmon farms - adhering to all biosecurity and safety protocols - and would like to take samples of diseased salmon for testing as well as waste effluents.

If you would like to meet prior to the protests then we would be happy discuss any concerns you may have. Mark Carter (copied in here) is willing to board any Police Scotland (Sophie Marshall of Police Scotland is copied in here too - we have been speaking to her about our protests) or salmon farm boat to be on the water around the salmon farms.

Scottish Salmon Watch takes the issue of biosecurity and safety extremely seriously (see my email to the SSPO below for more details).

I am on 07771 541826 if you have any questions.

Best fishes,

Don

Read more via:

["Don't stress our fish, campaigners told" Protest "Poses Serious Risk to Our Salmon" Claim Scottish Sea Farms - Who's Calling Who "Dangerous"?](#)

Biosecurity & Safety Protocols

The vital importance of biosecurity and safety precautions cannot be stressed enough. Specific details on the biosecurity and safety protocols followed by Scottish Salmon Watch can be found [online here](#)



Scottish Sea Farms Visits

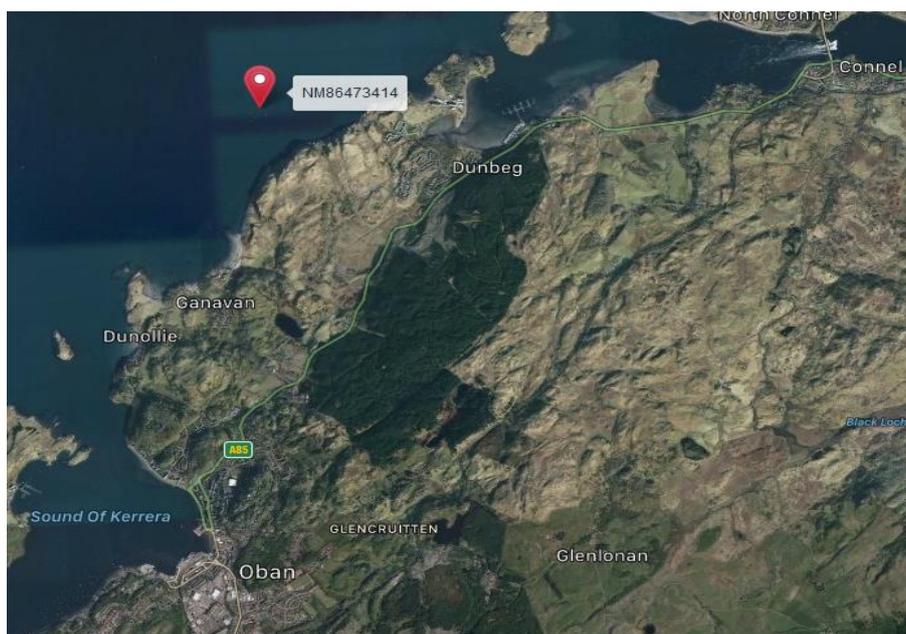
Saturday, 31 August 2019

9am - Leave [Dunstaffnage Marina](#) (Dunbeg, Oban, Argyll, PA37 1PX)

10am - Dunstaffnage salmon farm (Scottish Sea Farms) in the Firth of Lorn

National Grid Reference: [NM86473414](#)

Receiving Water : Firth of Lorn



First stocked in June 2018 ([maximum biomass is 1300 tonnes](#)):

Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Dunstaffnage	<input type="text"/>	<input type="text"/>	<input type="text"/>	
March	2019	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	888	More
February	2019	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	753	More
January	2019	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	637	More
December	2018	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	533	More
November	2018	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	416	More
October	2018	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	302	More
September	2018	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	180	More
August	2018	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	92	More
July	2018	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	49	More
June	2018	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	28	More
May	2018	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	0	More

Data on biomass, chemicals, waste pollution and mortalities for April to June 2019 [will sadly not be published online until October 2019](#)

[Reported use of Emamectin benzoate at Dunstaffnage:](#)

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019

Water Type: --All-- Local Authority: --All-- Sealice Treatment Used: Emamectin Benzoate

[Apply Current Filters](#) [Show All Results](#) [Clear All Filters](#) [CSV Export](#)

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

[Show/Hide Advanced Filters](#)

Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Dunstaffnage	<input type="text"/>	<input type="text"/>	<input type="text"/>	
August	2018	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	92	More
July	2018	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	49	More
June	2018	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	28	More
July	2016	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	107	More
June	2016	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	66	More
September	2014	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	550	More
June	2014	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	145	More
December	2012	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	733	More
September	2012	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	434	More
June	2012	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	116	More
November	2010	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	348	More
March	2009	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	674	More
November	2008	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	708	More
August	2008	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	291	More
May	2008	FFMC27	Dunstaffnage	CAR/L/1009031/C1/V5	Scottish Sea Farms Ltd	123	More

29 items in 2 pages

Data supplied by SEPA on 19/06/2019

Fish Farm Monthly Biomass and Treatments Details	
Year	2018
Month	August
Submitted By	Scottish Sea Farms Ltd
Licence Number	CAR/L/1009031/C1/V5
Licence active at time of report	CAR/L/1009031
Report for Site	FFMC27 Dunstaffnage
Max licensed biomass on site (tonnes)	1300
Actual biomass on site (tonnes)	92
Biomass Exceedance (tonnes)	0
Feed (kg)	40013
Mortalities (kg)	566
Seallice Treatments Used	
Seallice Treatment Product	Quantity Used (grams)
Azamethiphos	0
Cypermethrin	0
Deltamethrin	0
Emamectin Benzoate	62.40
Teflubenzuron	0
Data supplied by SEPA on 19/06/2019	

Location Details	
Receiving Water	Firth of Lorn
National Grid Reference	NM86473414
View on Map	View on map
Data supplied by SEPA on 19/06/2019	

[Emamectin benzoate detected in sediments in 2017:](#)

Seallice In-Feed Treatment Residues Details					
Site Name	Dunstaffnage				
Submitted By	Scottish Sea Farms Ltd				
Licence active at time of report	CAR/L/1009031				
Treatment Name	Slice				
Active Ingredient	Emamectin Benzoate				
End of Treatment Date	03/08/2016				
Sample Date	17/01/2017				
Days between End of Treatment and Sample Date	167				
	Residues Results Micrograms per Kilogram			Environmental Quality Standard Micrograms per Kilogram	
Replicate	1	2	3	Emamectin Benzoate	Teflubenzuron
Cages	4.7	2.5	3.9	7.63	10000
25m				7.63	10000
100m	ND	ND	ND	0.763	2
150m				0.763	2
Data supplied by SEPA on 19/06/2019					

Location Details	
Receiving Water	Firth of Lorn
National Grid Reference	NM86473414
View on Map	View on map
Data supplied by SEPA on 19/06/2019	

[Reported breach of the Environmental Quality Standard for Emamectin benzoate in sediments in 2015:](#)

Sealice In-Feed Treatment Residues Details					
Site Name	Dunstaffnage				
Submitted By	Scottish Sea Farms Ltd				
Licence active at time of report	CAR/L/1009031				
Treatment Name	Slice				
Active Ingredient	Emamectin Benzoate				
End of Treatment Date	09/09/2014				
Sample Date	18/02/2015				
Days between End of Treatment and Sample Date	162				
	Residues Results Micrograms per Kilogram			Environmental Quality Standard Micrograms per Kilogram	
Replicate	1	2	3	Emamectin Benzoate	Teflubenzuron
Cages	3.4	3.58	3.02	7.63	10000
25m				7.63	10000
100m	ND	ND	1.31	0.763	2
150m				0.763	2
Data supplied by SEPA on 19/06/2019					

Location Details	
Receiving Water	Firth of Lorn
National Grid Reference	NM86473414
View on Map	View on map
Data supplied by SEPA on 19/06/2019	

[Benthic self-monitoring at Dunstaffnage:](#)

Environmental Monitoring Surveys > Survey Date > From date: To date:

Water Type Species

[Show All Results](#) [Clear All Filters](#) [CSV Export](#)

Show/Hide Advanced Filters									
Survey Date	Survey Type	Monitoring Method	SEPA Classification	Licence Site ID	Licence Site Name	Local Authority	Licence Holder	Actions	
					dunstaffnage				
12/07/2017	Self Monitoring	Benthic	Satisfactory	FFMC27	Dunstaffnage	Argyll and Bute	Scottish Sea Farms Ltd	More	
27/03/2015	Self Monitoring	Benthic	Satisfactory	FFMC27	Dunstaffnage	Argyll and Bute	Scottish Sea Farms Ltd	More	
31/07/2013	Self Monitoring	Benthic	Satisfactory	FFMC27	Dunstaffnage	Argyll and Bute	Scottish Sea Farms Ltd	More	
16/11/2011	Self Monitoring	Benthic	Borderline	FFMC27	Dunstaffnage	Argyll and Bute	Scottish Sea Farms Ltd	More	
25/08/2009	Self Monitoring	Benthic	Satisfactory	FFMC27	Dunstaffnage	Argyll and Bute	Scottish Sea Farms Ltd	More	
12/10/2007	Self Monitoring	Benthic	Satisfactory	FFMC27	Dunstaffnage	Argyll and Bute	Scottish Sea Farms Ltd	More	
30/06/2005	Self Monitoring	Benthic	Borderline	FFMC27	Dunstaffnage	Argyll and Bute	Scottish Sea Farms Ltd	More	
08/08/2003	SEPA Audit	Benthic	Unsatisfactory	FFMC27	Dunstaffnage	Argyll and Bute	Scottish Sea Farms Ltd	More	
04/06/2003	Self Monitoring	Benthic	Borderline	FFMC27	Dunstaffnage	Argyll and Bute	Scottish Sea Farms Ltd	More	
22/06/2001	Self Monitoring	Benthic	Satisfactory	FFMC27	Dunstaffnage	Argyll and Bute	Scottish Sea Farms Ltd	More	

10 items in 1 pages

Data supplied by SEPA on 19/06/2019

[Annual emissions in 2018:](#)

Fish Farms Annual Emissions

Annual Emissions Details	
Licence Site Name	Dunstaffnage
Year	2018
Submitted By	Scottish Sea Farms Ltd
Licence active at time of report	CAR/L/1009031
Total copper from feed and nets (kg)	621.534638
Zinc from feed (kg)	72.29338050
Nitrogen (kg)	25604.9640
Phosphorus (kg)	3535.9236
Total organic carbon (kg)	82149.2595
<small>Data supplied by SEPA on 19/08/2019</small>	

Location Details	
Receiving Water	Firth of Lorn
National Grid Reference	NM86473414
View on Map	View on map
<small>Data supplied by SEPA on 19/08/2019</small>	

Data [obtained via Freedom of Information from the Scottish Government](#) revealed disease problems at Dunstaffnage salmon farm in 2011:

Business	Site	Result
Scottish Sea Farms Ltd	Dunstaffnage	Cardiomyopathy syndrome
Scottish Sea Farms Ltd	Dunstaffnage	Salmonid alphavirus
Scottish Sea Farms Ltd	Dunstaffnage	Vibrio species

Read a report by the Scottish Association of Marine Science (based in Dunstaffnage) [online here](#)

**REVIEW OF THE ENVIRONMENTAL IMPACTS OF
SALMON FARMING IN SCOTLAND
Executive Summary and Main Report**

Issue 01

January 2018



The Scottish Parliament

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According to a [FOI reply from the Scottish Government in 2017](#) 164 salmon farms used Acoustic Deterrent Devices (ADDs) with 112 salmon farms where ADDs were listed as "Always On" the following - including Dunstaffnage, Rubh an Trilleachain, Bagh Dail Nan Ceann and Poll na Gille:

Licensed Company	Fish Farm Name	ADD Used	ADD Count	ADD Model	ADD Always On
Scottish Sea Farms Ltd	Dunstaffnage	TRUE	9	Airmar DB2	TRUE
Scottish Sea Farms Ltd	Loch Creran (B)	TRUE	14	Mohn Aqua Airmar DB II	TRUE
Scottish Sea Farms Ltd	Loch Spelve (A)	TRUE	10	Airmar DBII	TRUE
Scottish Sea Farms Ltd	Kerrera B	TRUE	13	Mohn Aqua Airmar DB11	TRUE
Scottish Sea Farms Ltd	Lismore North	TRUE	4	Mohn Aqua Airmar DB Plus II	TRUE
Scottish Sea Farms Ltd	Kishorn B (North)	TRUE	16	Mohn Aqua Airmar DBII	TRUE
Scottish Sea Farms Ltd	Walters (East Lismore)	TRUE	11	Mohn Aqua Airmar ADD 2000	TRUE
Scottish Sea Farms Ltd	Lismore West	TRUE	10	Mohn Aqua Airmar DBII	TRUE
The Scottish Salmon Company	Gometra	TRUE	15	ACE Aquatec US3	TRUE
Dawnfresh Farming Ltd	Etive 6	TRUE	10	Mohn Aqua	TRUE
Kames Fish Farming Ltd	Shuna SW (Rubhan Trilleachain)	TRUE	2	Terecos DSMS 4	TRUE
Marine Harvest (Scotland) Ltd	Bagh Dail Nan Ceann	TRUE	2	Terecos DSMS 4	TRUE
Marine Harvest (Scotland) Ltd	Polle Na Gille	TRUE	2	Terecos DSMS 4	TRUE
Marine Harvest (Scotland) Ltd	Port Na Cro	TRUE	2	Terecos DSMS 4	TRUE
Marine Harvest (Scotland) Ltd	LEVEN	TRUE	2	Terecos DSMS 4	TRUE
Marine Harvest (Scotland) Ltd	LINNHE	TRUE	2	Terecos DSMS 4	TRUE
Scottish Sea Farms Ltd	Loch Creran (D)	TRUE	14	Mohn Aqua Airmar DB II	FALSE
Scottish Sea Farms Ltd	Fiunary	TRUE	8	Mohn Aqua MAG Seal Deterrent	FALSE
Kames Fish Farming Ltd	Kames Bay (west)	TRUE	1	DSMS4 Terecos	FALSE
Kames Fish Farming Ltd	Kames Bay (east)	TRUE	1	Terecos DSMS4	FALSE
Kames Fish Farming Ltd	Shuna Castle	TRUE	1	Terecos DSMS4	FALSE
Scottish Sea Farms Ltd	Shuna	FALSE			

Read more via:
[BBC Countryfile on ADDs impacting on cetaceans](#)

Watch a [video report from Dunstaffnage salmon farm in May 2019](#):

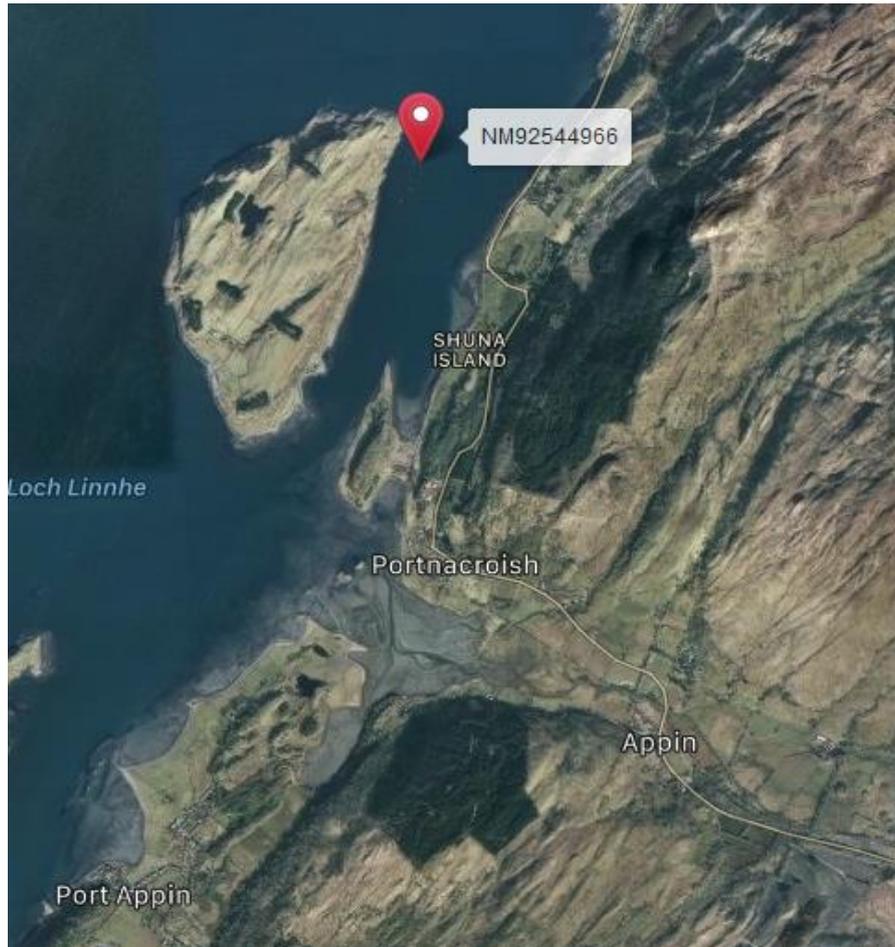


2pm - Shuna salmon farm (Scottish Sea Farms) in Loch Linnhe (Sound of Shuna)

National Grid Reference: [NM92544966](#)

Receiving Water : Loch Linnhe





Here's [drone footage of the Shuna salmon farm shot in July 2019](#):



First stocked in January 2018 (maximum biomass of 800 tonnes):

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019
 Water Type --All-- Local Authority --All-- Sealice Treatment Used --All--
 Apply Current Filters Show All Results Clear All Filters CSV Export

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Shuna	<input type="text"/>	Scottish Sea f	<input type="text"/>	
March	2019	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	764	More
February	2019	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	696	More
January	2019	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	652	More
December	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	583	More
November	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	484	More
October	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	378	More
September	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	314	More
August	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	244	More
July	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	165	More
June	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	97	More
May	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	72	More
April	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	49	More
March	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	34	More
February	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	26	More
January	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	17	More

201 items in 14 pages

Data supplied by SEPA on 19/06/2019

Reported use of Emamectin benzoate:

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019
 Water Type --All-- Local Authority --All-- Sealice Treatment Used Emamectin Benzoate
 Apply Current Filters Show All Results Clear All Filters CSV Export

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Shuna	<input type="text"/>	Scottish Sea f	<input type="text"/>	
October	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	378	More
August	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	244	More
May	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	72	More
March	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	34	More
September	2016	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	363	More
July	2016	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	155	More
May	2016	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	49	More
August	2014	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	220	More
June	2014	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	81	More
July	2013	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	527	More
October	2012	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	132	More
November	2010	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	377	More
March	2009	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	521	More
December	2008	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	354	More
August	2007	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	618	More

28 items in 2 pages

Data supplied by SEPA on 19/06/2019

Fish Farm Monthly Biomass and Treatments Details	
Year	2018
Month	October
Submitted By	Scottish Sea Farms Ltd
Licence Number	CAR/L/1009032/C1/V4
Licence active at time of report	CAR/L/1009032
Report for Site	FFMC18 Shuna
Max licensed biomass on site (tonnes)	800
Actual biomass on site (tonnes)	378
Biomass Exceedance (tonnes)	0
Feed (kg)	74696
Mortalities (kg)	2145
Sealice Treatments Used	
Sealice Treatment Product	Quantity Used (grams)
Azamethiphos	0
Cypermethrin	0
Deltamethrin	0
Emamectin Benzoate	159.60
Teflubenzuron	0
Data supplied by SEPA on 19/06/2019	

Location Details	
Receiving Water	Loch Linnhe
National Grid Reference	NM92544966
View on Map	View on map
Data supplied by SEPA on 19/06/2019	

[Emamectin benzoate reported in sediments \(close to a breach of the Environmental Quality Standard\) in 2015:](#)

Sealice In-Feed Treatment Residues Details					
Site Name	Shuna				
Submitted By	Scottish Sea Farms Ltd				
Licence active at time of report	CAR/L/1009032				
Treatment Name	Slice				
Active Ingredient	Emamectin Benzoate				
End of Treatment Date	05/09/2014				
Sample Date	17/02/2015				
Days between End of Treatment and Sample Date	165				
	Residues Results Micrograms per Kilogram			Environmental Quality Standard Micrograms per Kilogram	
Replicate	1	2	3	Emamectin Benzoate	Teflubenzuron
Cages	7.07	4.12	5.74	7.63	10000
25m				7.63	10000
100m	ND	ND	ND	0.763	2
150m				0.763	2
Data supplied by SEPA on 19/06/2019					

Location Details	
Receiving Water	Loch Linnhe
National Grid Reference	NM92544966
View on Map	View on map
Data supplied by SEPA on 19/06/2019	

[Reported use of Azamethiphos:](#)

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019
 Water Type --All-- Local Authority --All-- Sealice Treatment Used Azamethiphos
 Apply Current Filters [Show All Results](#) [Clear All Filters](#) [CSV Export](#)

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
			Shuna		Scottish Sea f		
September	2018	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	314	More
November	2016	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	461	More
October	2016	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	406	More
April	2015	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	626	More
February	2015	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	501	More
August	2013	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	694	More
December	2011	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	500	More
November	2011	FFMC18	Shuna	CAR/L/1009032/C1/V4	Scottish Sea Farms Ltd	640	More

8 items in 1 pages

Data supplied by SEPA on 19/06/2019

Note a [mortality report by the Scottish Government's Fish Health Inspectorate in October 2018](#) following a treatment with Salmosan (Azamethiphos):

Mortality Event No	Reporting Business Name	Reporting Business No	Site Name	Site No	Date reported	Water Type	Start Date	End Date	Size of fish	Average weight of affected population
MRT00826	Scottish Sea Farms Ltd	FB0125	Shuna	FS0695	10/10/2018	SW	17/09/2018	23/09/2018	≥750g	1.3kg

Mortality rate recorded(%)	Explained /unexplained	Explained reasons	Total mortality during event	Additional information
2.7	Explained	Post treatment losses (gill issues and low dissolved oxygen)	6,300	Tarp treatment with salmosan

[Benthic self-monitoring for Shuna:](#)

Environmental Monitoring Surveys > Survey Date > From date: 01/01/1900 To date: 20/08/2019

Water Type --All-- Species --All--

Apply Current Filters Show All Results Clear All Filters CSV Export

Show/Hide Advanced Filters

Survey Date	Survey Type	Monitoring Method	SEPA Classification	Licence Site ID	Licence Site Name	Local Authority	Licence Holder	Actions
					Shuna		Scottish Sea Farms Ltd	
15/11/2017	Self Monitoring	Benthic	Unsatisfactory	FFMC18	Shuna	Argyll and Bute	Scottish Sea Farms Ltd	More
24/06/2015	Self Monitoring	Benthic	Satisfactory	FFMC18	Shuna	Argyll and Bute	Scottish Sea Farms Ltd	More
15/11/2013	Self Monitoring	Benthic	Satisfactory	FFMC18	Shuna	Argyll and Bute	Scottish Sea Farms Ltd	More
15/09/2011	Self Monitoring	Benthic	Borderline	FFMC18	Shuna	Argyll and Bute	Scottish Sea Farms Ltd	More
24/03/2010	Self Monitoring	Benthic	Satisfactory	FFMC18	Shuna	Argyll and Bute	Scottish Sea Farms Ltd	More
13/08/2009	Self Monitoring	Benthic	Unsatisfactory	FFMC18	Shuna	Argyll and Bute	Scottish Sea Farms Ltd	More
27/07/2007	Self Monitoring	Benthic	Unsatisfactory	FFMC18	Shuna	Argyll and Bute	Scottish Sea Farms Ltd	More
29/09/2005	Self Monitoring	Benthic	Unsatisfactory	FFMC18	Shuna	Argyll and Bute	Scottish Sea Farms Ltd	More
16/05/2003	Self Monitoring	Benthic	Unsatisfactory	FFMC18	Shuna	Argyll and Bute	Scottish Sea Farms Ltd	More
26/06/2001	Self Monitoring	Benthic	Borderline	FFMC18	Shuna	Argyll and Bute	Scottish Sea Farms Ltd	More

10 items in 1 pages

Data supplied by SEPA on 19/06/2019

Read more on benthic and chemical impacts via: [Mapped: the 45 lochs polluted by fish farm pesticides](#)

[Annual emissions in 2018:](#)

Scotland's aquaculture

part of
Scotland's environment

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Fish Farms Annual Emissions

Annual Emissions Details	
Licence Site Name	Shuna
Year	2018
Submitted By	Scottish Sea Farms Ltd
Licence active at time of report	CAR/L/1009032
Total copper from feed and nets (kg)	1229.84202088
Zinc from feed (kg)	88.77052518
Nitrogen (kg)	31440.860640
Phosphorus (kg)	4341.833136
Total organic carbon (kg)	100872.761220

Data supplied by SEPA on 19/06/2019

Location Details	
Receiving Water	Loch Linnhe
National Grid Reference	NM92544966
View on Map	View on map

Data supplied by SEPA on 19/06/2019

Scottish Sea Farms did not report any seals killed at their salmon farms at Dunstaffnage or Shuna but [seals were killed at nearby Scottish Sea farms sites around Mull during 2018](#):

2018 Retruns Licence No:	Licence Name:	Site (date)	Quarter 1		Site (date)	Quarter 3	
			Grey	Common		Grey	Common
WS13/2018/W	Scottish Sea Farms Ltd	Fiunary (07/02) Loch Spelve(B)(16/02)	0	2	Nevis C (Ardintigh) (13/09) Kishorn B (North) (28/10) Kishorn B (North) (28/10)	0	3

Scottish Sea Farms was the [Scottish salmon farming's #1 seal killer between 2011 and 2017](#):

Operator	Seal Killing Salmon Farms (2011-2017)							Total
	2017	2016	2015	2014	2013	2012	2011	
Scottish Sea Farms	12	14	15	33	33	45	37	189
The Scottish Salmon Company	7	2	11	14	14	38	54	140
Hjaltland Seafarms (Grieg Seafood)	1			7	32	50	50	140
Marine Harvest	13	26	20	7	5	16	34	121
Loch Duart	15	12	9	13	11	20	10	90
Northern Isles Salmon						16	21	37
Balta Island Seafare		1	7	6	4	2	6	26
Dawnfresh			3	4	4	7	6	24
Meridian				1	8	12		21
Lakeland							18	18
Bound Skerries Salmon				3	4	5	4	16
Wester Ross Fisheries		2	2	4	3	1	1	13
Cooke Aquaculture	1	8	3					12
Kames Fish Farming			2		1			3
Thompson Brothers			1					1
Total	49	65	73	92	119	212	241	851

Download as an Excel spreadsheet [online here](#)

In 2014, a humpback whale was [reported as killed at a Scottish Sea Farms salmon farm in the Sound of Mull](#).

Whale drowned after being trapped under salmon pen

By Jackie Mackenzie

Published: 17:04, 04 July 2014 | Updated: 17:24, 04 July 2014



Read more via [Salmon Farming Kills Whales!](#)

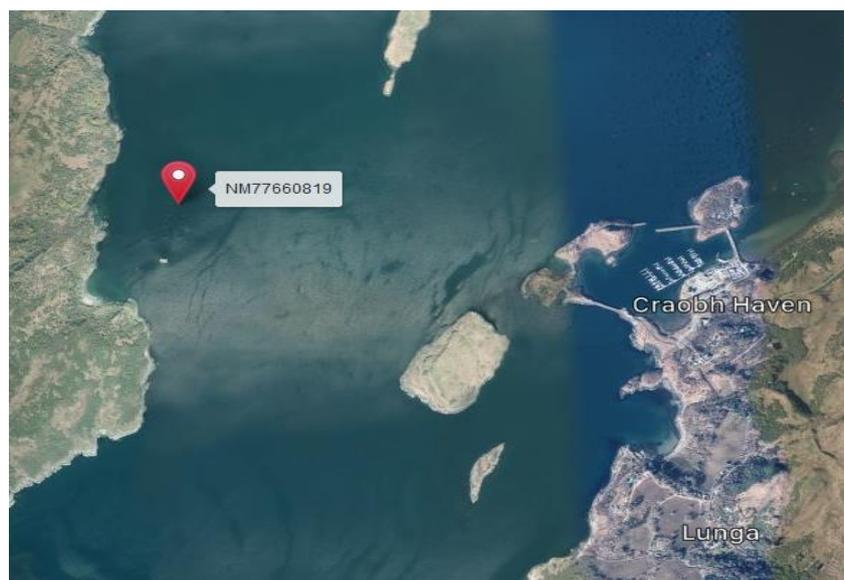
Mowi Visits

Sunday, 1 September 2019

Poll Na Gille salmon farm (Mowi) in the Sound of Jura:

National Grid Reference: [NM77660819](#)

Receiving Water : Sound of Jura



When Scottish Salmon Watch visited Mowi's Poll Na Gille salmon farm in July 2019 there was a [Thermolicer de-lousing fish](#).



Tanks of Hydrogen peroxide were also [filmed in July 2019](#) leaving Mowi's Poll Na Gille salmon farm in the direction of [Mowi's lice-infested Bagh Dail Nan Ceann salmon farm](#).



Here's a [closer look at the boat carrying toxic Hydrogen peroxide](#).



Please note [mortality reports from the Scottish Government's Fish Health Inspectorate](#) detailing "complex gill issues" and "anemia" and 118,000 morts in the Shuna area in November 2017:

Mortality Event No	Reporting Business Name	Site Name	Site No	Date reported	Mortality rate recorded(%)	Explained reasons	Total mortality during event	Additional information
MRT00518	Marine Harvest (Scotland) Ltd	Port Na Cro	FS0859	06/11/2017	4.11	Complex gill issues, Gill issues, Anemia	9280	Site harvested out 6/11/17
MRT00519	Marine Harvest (Scotland) Ltd	Port Na Cro	FS0859	06/11/2017	8.15	Complex gill issues, Gill issues, Anemia	17651	Site harvested out 6/11/17
MRT00520	Marine Harvest (Scotland) Ltd	Port Na Cro	FS0859	06/11/2017	29.66	Complex gill issues, Gill issues, Anemia	24400	Site harvested out 6/11/17
MRT00521	Marine Harvest (Scotland) Ltd	Shuna SW	FS1290	06/11/2017	1.2	Complex gill issues, Gill issues, Anemia	5653	Harvesting worst affected cages.
MRT00522	Marine Harvest (Scotland) Ltd	Shuna SW	FS1290	06/11/2017	1.2	Complex gill issues, Gill issues, Anemia	5364	Harvesting worst affected cages.
MRT00523	Marine Harvest (Scotland) Ltd	Shuna SW	FS1290	06/11/2017	1.3	Complex gill issues, Gill issues, Anemia		Harvesting worst affected cages.
MRT00524	Marine Harvest (Scotland) Ltd	Poll Na Gille	FS0629	06/11/2017	2.6	Complex gill issues, Gill issues, Anemia	15861	Harvesting worst affected cages.
MRT00525	Marine Harvest (Scotland) Ltd	Poll Na Gille	FS0629	06/11/2017	3.2	Complex gill issues, Gill issues, Anemia	20053	Harvesting worst affected cages.
MRT00526	Marine Harvest (Scotland) Ltd	Poll Na Gille	FS0629	06/11/2017	2.7	Complex gill issues, Gill issues, Anemia	13830	Harvesting worst affected cages.
MRT00527	Marine Harvest (Scotland) Ltd	Poll Na Gille	FS0629	06/11/2017	2.6	Complex gill issues, Gill issues, Anemia		Harvesting worst affected cages.
MRT00528	Marine Harvest (Scotland) Ltd	Bagh Dail Nan Ceann	FS0805	06/11/2017	1.3	Complex gill issues, Gill issues, Anemia	5971	Harvesting worst affected cages.

[The Ferret reported in August 2018](#) that "The farm labeled as having the worst record for fish welfare was Poll na Gille on Loch Shuna in Argyll, run by Marine Harvest":

Poll na Gille salmon farm was said to have breached biomass limits set by the [Scottish Environment Protection Agency](#) six times in 2017, sometimes up to 50 per cent. “This meant that they significantly overstocked their fish cages, seriously compromising welfare,” alleged OneKind.

The 12 fish farms rated the worst for animal welfare

Fish farm	Company	Negative welfare score
Poll na Gille, Argyll	Marine Harvest	11
MacLeans Nose, Kilchoan, Highland	Marine Harvest	9
Bagh dail nan Cean, Argyll	Marine Harvest	9
Vuiabeag, Isle of Lewis	The Scottish Salmon Company	9
Badcall Bay, Sutherland	Loch Duart	8
Loch Carnan, South Uist	Loch Duart	8
Inch Kenneth, Argyll	The Scottish Salmon Company	8
Basta Ness, Shetland	Cooke Aquaculture	6
Cloudin, Shetland	Cooke Aquaculture	6
North Havra, Shetland	Grieg Seafoods Shetland	6
Calva Bay, Sutherland	Loch Duart	6
Loch a Chairn Bhain, Highland	Loch Duart	6

Source: [OneKind](#)

Read more via:

[The welfare status of Scottish salmon farms and companies in 2017](#)
[New report exposes serious welfare issues on Scottish salmon farms](#)
[The welfare status of Scottish salmon farms and companies in 2017](#)
[Named: supermarkets selling salmon from ‘poor’ welfare](#)
[Farmed salmon welfare in 2018: what we know so far](#)

Table 1. The top 7 worst performing salmon farms for animal welfare in 2017.

Rank	Farm	Company	Mortality score	Escape score	Biomass score	Seal score	Sea lice score	Welfare score
1	Poll na Gille	Marine Harvest	0	3	3	3	2	11
2	MacLean's Nose	Marine Harvest	3	3	0	3	0	9
=	Bagh Dail nan Ceann	Marine Harvest	0	0	3	3	3	9
=	Vuia Beag	The Scottish Salmon Co.	3	3	0	3	0	9
3	Inch Kenneth	The Scottish Salmon Co.	3	0	0	3	2	8
=	Badcall Bay	Loch Duart Ltd.	3	0	0	3	2	8
=	Loch Carnan	Loch Duart Ltd.	3	0	0	3	2	8

5.3 Exceeding biomass limits

At the farm level

Only two sites exceeded biomass limits in 2017: Poll na Gille and Bagh Dail nan Ceann, both operated by Marine Harvest. Poll na Gille breached biomass limits 6 times in 2017, sometimes by up to 50%. Bagh Dail nan Ceann breached biomass limits 5 times, with the largest amount exceeded being 18% more biomass than licensed on site, in October.

At the company level

Marine Harvest was the only company that operated sites that breached biomass limits in 2017. Overall, two sites operated by Marine Harvest exceeded biomass limits 11 times.

Poll Na Gille was first stocked in September 2018 ([maximum biomass is 2,262 tonnes](#)):

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019
 Water Type: --All-- Local Authority: --All-- Sealice Treatment Used: --All--
[Apply Current Filters](#) [Show All Results](#) [Clear All Filters](#) [CSV Export](#)

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Poll na Gille	<input type="text"/>	Mowi	<input type="text"/>	
March	2019	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	830	More
February	2019	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	618	More
January	2019	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	449	More
December	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	283	More
November	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	195	More
October	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	105	More
September	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	27	More
August	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	0	More
July	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	0	More
June	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	0	More
May	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	0	More
April	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	0	More
March	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	867	More
February	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	863	More
January	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1313	More

[Mortalities in March 2019:](#)

Fish Farm Monthly Biomass and Treatments Details	
Year	2019
Month	March
Submitted By	Mowi Scotland Ltd
Licence Number	CAR/L/1000800/V6
Licence active at time of report	CAR/L/1000800
Report for Site	FFMC34 Poll na Gille
Max licensed biomass on site (tonnes)	2262
Actual biomass on site (tonnes)	830
Biomass Exceedance (tonnes)	0
Feed (kg)	221033
Mortalities (kg)	751.0431485337

Location Details	
Receiving Water	Sound of Jura
National Grid Reference	NM77660819
View on Map	View on map

Data supplied by SEPA on 19/06/2019

Here's [video footage](#) of dead farmed salmon shot by diver David Ainsley under the Poll Na Gille salmon farm:



[Annual emissions in 2018:](#)

Fish Farms Annual Emissions

Annual Emissions Details	
Licence Site Name	Poll na Gille
Year	2018
Submitted By	Marine Harvest (Scotland) Ltd
Licence active at time of report	CAR/L/1000800
Total copper from feed and nets (kg)	3.9665963579
Zinc from feed (kg)	83.0068620182
Nitrogen (kg)	29399.4788876880
Phosphorus (kg)	4059.9280368712
Total organic carbon (kg)	94323.3280979990

Data supplied by SEPA on 19/08/2019

Location Details	
Receiving Water	Sound of Jura
National Grid Reference	NM77660819
View on Map	View on map

Data supplied by SEPA on 19/08/2019

[Benthic self-monitoring reports:](#)

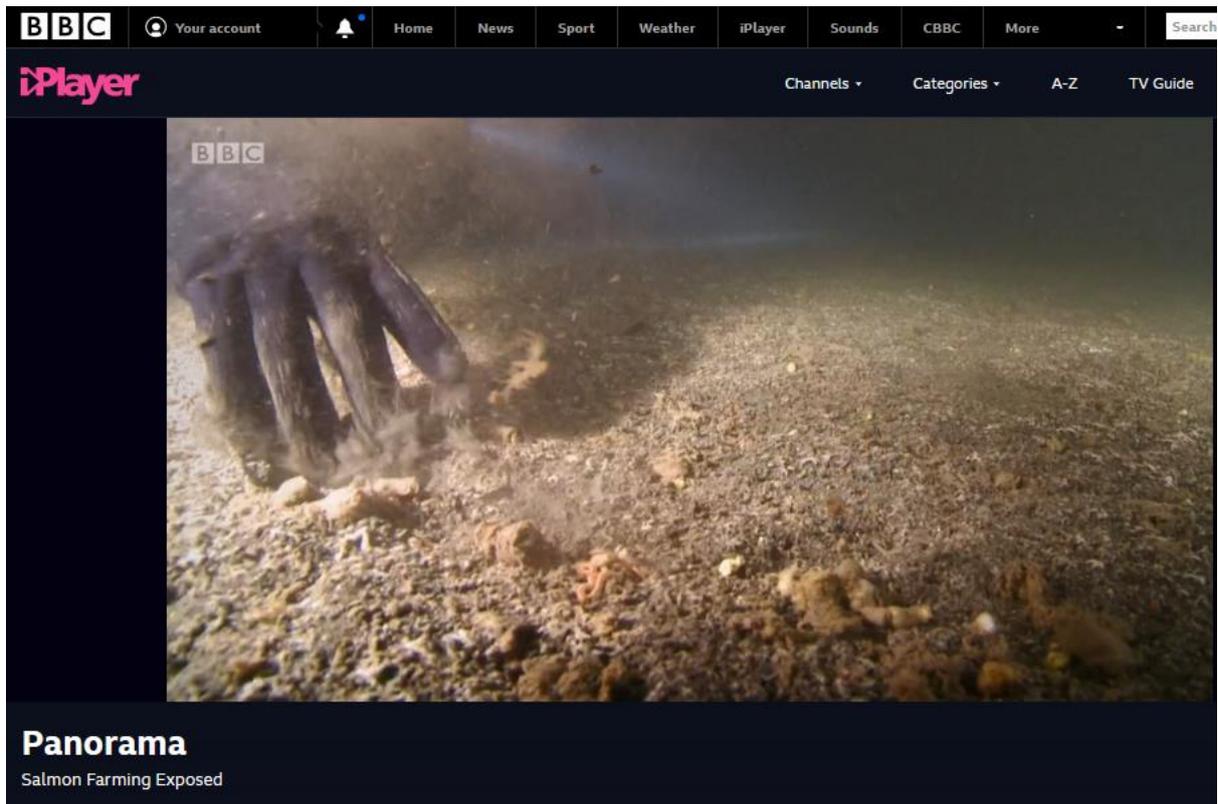
Environmental Monitoring Surveys > Survey Date > From date: To date:

Water Type Species

[Show All Results](#)
[Clear All Filters](#)
[CSV Export](#)

Show/Hide Advanced Filters								
Survey Date	Survey Type	Monitoring Method	SEPA Classification	Licence Site ID	Licence Site Name	Local Authority	Licence Holder	Actions
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Poll	<input type="text"/>	Mowi	
20/12/2017	Self Monitoring	Benthic	Satisfactory	FFMC34	Poll na Gille	Argyll and Bute	Mowi Scotland Ltd	More
18/02/2016	Self Monitoring	Benthic	Satisfactory	FFMC34	Poll na Gille	Argyll and Bute	Mowi Scotland Ltd	More
11/02/2014	Self Monitoring	Benthic	Unsatisfactory	FFMC34	Poll na Gille	Argyll and Bute	Mowi Scotland Ltd	More
12/04/2012	Self Monitoring	Benthic	Not Accepted	FFMC34	Poll na Gille	Argyll and Bute	Mowi Scotland Ltd	More
10/01/2012	Self Monitoring	Benthic	Borderline	FFMC34	Poll na Gille	Argyll and Bute	Mowi Scotland Ltd	More
06/05/2010	SEPA Audit	Audit	Unsatisfactory	FFMC34	Poll na Gille	Argyll and Bute	Mowi Scotland Ltd	More
22/04/2010	Self Monitoring	Benthic	Not Accepted	FFMC34	Poll na Gille	Argyll and Bute	Mowi Scotland Ltd	More
24/06/2009	Self Monitoring	Benthic	Unsatisfactory	FFMC34	Poll na Gille	Argyll and Bute	Mowi Scotland Ltd	More
04/12/2007	Self Monitoring	Benthic	Borderline	FFMC34	Poll na Gille	Argyll and Bute	Mowi Scotland Ltd	More
23/06/2006	Self Monitoring	Benthic	Unsatisfactory	FFMC34	Poll na Gille	Argyll and Bute	Mowi Scotland Ltd	More
13/10/2005	Self Monitoring	Benthic	Unsatisfactory	FFMC34	Poll na Gille	Argyll and Bute	Mowi Scotland Ltd	More
11/05/2004	Self Monitoring	Benthic	Unsatisfactory	FFMC34	Poll na Gille	Argyll and Bute	Mowi Scotland Ltd	More

In May 2019, [BBC's Panorama featured](#) video footage shot by diver David Ainsley under the Poll na Gille salmon farm:



Watch [video footage shot under the Poll na Gille salmon farm](#):



Reported use of Azamethiphos:

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019

Water Type: --All-- Local Authority: --All-- Sealice Treatment Used: Azamethiphos

Apply Current Filters Show All Results Clear All Filters CSV Export

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Poll na Gille	<input type="text"/>	Mowi	<input type="text"/>	
November	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	195	More
January	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1313	More
December	2017	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1229	More
July	2017	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1734	More
June	2017	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1502	More
January	2017	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	497	More
August	2016	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	808	More
July	2016	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	950	More
June	2016	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	912	More
November	2015	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1421	More
October	2015	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1419	More
December	2013	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1954	More
October	2013	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1515	More
April	2012	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	465	More
January	2012	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	753	More

18 items in 2 pages

Data supplied by SEPA on 19/06/2019

Fish Farm Monthly Biomass and Treatments Details	
Year	2018
Month	November
Submitted By	Marine Harvest (Scotland) Ltd
Licence Number	CAR/L/1000800/V6
Licence active at time of report	CAR/L/1000800
Report for Site	FFMC34 Poll na Gille
Max licensed biomass on site (tonnes)	2262
Actual biomass on site (tonnes)	195
Biomass Exceedance (tonnes)	0
Feed (kg)	95898
Mortalities (kg)	317.2366398955
Sealice Treatments Used	
Sealice Treatment Product	Quantity Used (grams)
Azamethiphos	600.0000089407
Cypermethrin	0
Deltamethrin	0
Emamectin Benzoate	0
Teflubenzuron	0

Data supplied by SEPA on 19/06/2019

Location Details	
Receiving Water	Sound of Jura
National Grid Reference	NM77660819
View on Map	View on map

Data supplied by SEPA on 19/06/2019

Reported use of Emamectin benzoate:

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019

Water Type --All-- Local Authority --All-- Sealice Treatment Used Emamectin Benzoate

Apply Current Filters Show All Results Clear All Filters CSV Export

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Poll na Gille	<input type="text"/>	Mowi	<input type="text"/>	
October	2018	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	105	More
April	2017	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1209	More
December	2016	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	307	More
November	2016	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	158	More
September	2015	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1466	More
August	2015	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1319	More
July	2015	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1344	More
March	2015	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	588	More
October	2013	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1515	More
August	2013	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	980	More
May	2013	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	421	More
April	2013	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	311	More
January	2013	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	137	More
December	2012	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	104	More
October	2011	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	723	More

31 items in 3 pages

Data supplied by SEPA on 19/06/2019

Fish Farm Monthly Biomass and Treatments Details	
Year	2018
Month	October
Submitted By	Marine Harvest (Scotland) Ltd
Licence Number	CAR/L/1000800/V6
Licence active at time of report	CAR/L/1000800
Report for Site	FFMC34 Poll na Gille
Max licensed biomass on site (tonnes)	2262
Actual biomass on site (tonnes)	105
Biomass Exceedance (tonnes)	0
Feed (kg)	55540
Mortalities (kg)	1619.1719352695
Sealice Treatments Used	
Sealice Treatment Product	Quantity Used (grams)
Azamethiphos	0
Cypermethrin	0
Deltamethrin	0
Emamectin Benzoate	40.89
Teflubenzuron	0

Data supplied by SEPA on 19/06/2019

Location Details	
Receiving Water	Sound of Jura
National Grid Reference	NM77660819
View on Map	View on map

Data supplied by SEPA on 19/06/2019

[Reported breaches of Environmental Quality Standard for Emamectin benzoate in sediments in 2016:](#)

Sealice In-Feed Treatment Residues Details					
Site Name	Poll na Gille				
Submitted By	Marine Harvest (Scotland) Ltd				
Licence active at time of report	CAR/L/1000800				
Treatment Name	Slice				
Active Ingredient	Emamectin Benzoate				
End of Treatment Date	30/09/2015				
Sample Date	18/01/2016				
Days between End of Treatment and Sample Date	110				
	Residues Results Micrograms per Kilogram			Environmental Quality Standard Micrograms per Kilogram	
Replicate	1	2	3	Emamectin Benzoate	Teflubenzuron
Cages	1.61	0.79	1.11	7.63	10000
25m				7.63	10000
100m	1.04	0.82	1.08	0.763	2
150m				0.763	2

Data supplied by SEPA on 19/06/2019

Location Details	
Receiving Water	Sound of Jura
National Grid Reference	NM77660819
View on Map	View on map

Data supplied by SEPA on 19/06/2019

[Reported use of Deltamethrin:](#)

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019

Water Type: --All-- Local Authority: --All-- Sealice Treatment Used: Deltamethrin

[Show All Results](#)
[Clear All Filters](#)
[CSV Export](#)

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Poll na Gille	<input type="text"/>	Mowi	<input type="text"/>	
August	2017	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1975	More
March	2017	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	962	More
April	2016	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	630	More
February	2016	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1186	More
December	2015	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1376	More
November	2015	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1421	More
October	2015	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1419	More
September	2015	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1466	More
August	2015	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1319	More
June	2014	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1213	More
January	2014	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	2182	More
December	2013	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1954	More
November	2013	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1739	More
October	2013	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1515	More
September	2013	FFMC34	Poll na Gille	CAR/L/1000800/V6	Mowi Scotland Ltd	1249	More

21 items in 2 pages

Data supplied by SEPA on 19/06/2019

[A boat carrying huge tanks of the toxic chemical Hydrogen Peroxide](#) (the same boat as the video below) was seen at the Poll na Gille salmon farm on 3 July 2019.



Data on the use of hydrogen peroxide - [shown by scientific research to be toxic to shellfish and seaweed](#) - is sadly [not published online by the Scottish Government](#). Data [obtained via Freedom of Information for 2015](#) reveals that the top ten biggest users included Mowi's Poll na Gille salmon farm and the Rubh an Trilleachain salmon farm operated by Kames:

Site Name	Operator (at date of submission)	Local Authority	Hydrogen Peroxide (litres)
Camas an Leim (Torrison)	Marine Harvest (Scotland) Ltd	Highland	1018616
Ardintoul	Marine Harvest (Scotland) Ltd	Highland	753450
Creag an Sagairt West	Marine Harvest (Scotland) Ltd	Highland	464529
North Havra	Grieg Seafood Shetland Ltd	Shetland Islands	424000
Easter Score Holm	Grieg Seafood Shetland Ltd	Shetland Islands	417700
East of Langa	Grieg Seafood Shetland Ltd	Shetland Islands	398600
Greanamul	The Scottish Salmon Company Ltd	Eilean Siar	394091
Poll na Gille	Marine Harvest (Scotland) Ltd	Argyll and Bute	387150
Sgeir Dughall	The Scottish Salmon Company Ltd	Highland	382272
Rubh an Trilleachain	Kames Fish Farming Ltd	Argyll and Bute	376000

Read more via:

[Sky-Rocketing Chemical Use on Scottish Salmon Farms - Hydrogen Peroxide use leaps from 19,000 litres in 2005 to 19m litres in 2015](#)
[All is Not Well with Sick Scottish Salmon](#)

Human error led to [an escape of lumpsuckers in 2017](#):

Fish Escape Details		
Escape Id	2000451	
Operator at Time of Escape	Marine Harvest (Scotland) Ltd	
Escape Water Type	S	
Escape Start Date	02/03/2017	
Escape Start Time	10:00	
Escape End Date	02/03/2017	
Escape Grid Reference	NM774078	
Escaped Species	Lumpsucker	
Stage	Fish weighing more than 5 grams	
Age	8 months	
Average Weight	18g	
	Initial Notification	Final Notification
Date	02/03/2017	05/04/2017
Number of Fish Escaped	estimated <300 283	
Number of Fish Recovered	0	
Escape Reason	Human Error - HUM	Human Error - HUM

Data supplied by Marine Scotland on 09/08/2019

Site Details	
Site ID	FS0629
Site Name	Poll Na Gille
Address	Craobh Haven Loch Melfort Argyll PA31 8UA
Telephone Number	01397 715076
Date Registered	07/07/1999
Operator	Mowi Scotland Ltd
Aquaculture Type	Fish
Water Type	Seawater
Species	Wrasse, Atlantic Salmon, Lumpsucker
Health Surveillance Frequency	Medium
Production reported to Marine Scotland within last 3 years?	Yes
National Grid Reference	NM776081
Easting	177600
Northing	708100
Marine Scotland Management Area	16d - Seil Sound to Loch Craignish
Local Authority	Argyll and Bute
Region	Strathclyde
View on Map	View on map

Data supplied by Marine Scotland on 09/08/2019

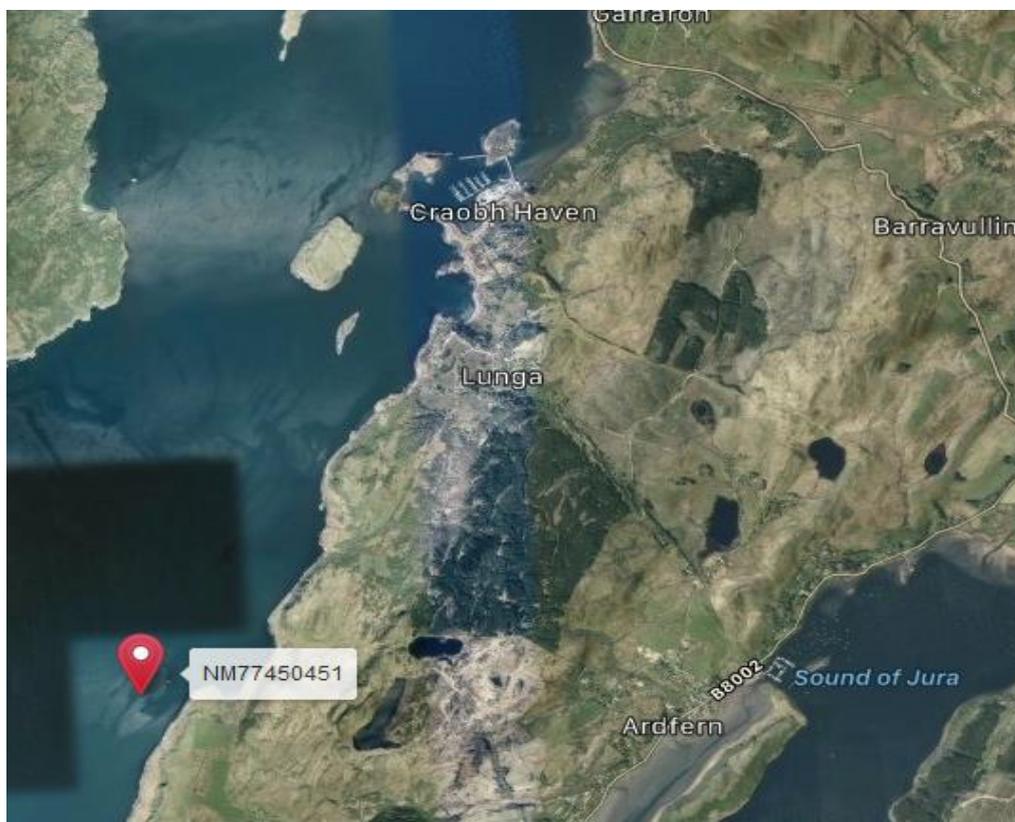
Here's some of Mowi's lumpsuckers which did not get away:



Bagh Dail nan Ceann salmon farm (Mowi) in the Sound of Jura:

National Grid Reference: [NM77450451](#)

Receiving Water : Sound of Jura



Benthic self-monitoring reports:

Environmental Monitoring Surveys > Survey Date > From date: 01/01/1900 To date: 20/08/2019

Water Type --All-- Species --All--

Apply Current Filters Show All Results Clear All Filters CSV Export

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Survey Date	Survey Type	Monitoring Method	SEPA Classification	Licence Site ID	Licence Site Name	Local Authority	Licence Holder	Actions
					Bagh Dail na		Mowi	
28/03/2018	Application - Existing Site	Visual - Video	Baseline	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
20/12/2017	Self Monitoring	Benthic	Borderline	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
16/03/2016	Self Monitoring	Benthic	Satisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
21/02/2015	Self Monitoring	Visual - Video	Baseline	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
12/06/2014	Self Monitoring	Benthic	Satisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
12/06/2014	Self Monitoring	Benthic	Unsatisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
11/04/2013	Self Monitoring	Benthic	Satisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
11/04/2013	Self Monitoring	Benthic	Satisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
31/05/2012	Self Monitoring	Benthic	Unsatisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
31/05/2012	Self Monitoring	Benthic	Satisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
16/03/2011	Self Monitoring	Benthic	Borderline	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
16/03/2011	Self Monitoring	Benthic	Borderline	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
05/05/2010	SEPA Audit	Benthic	Unsatisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
20/01/2010	Self Monitoring	Benthic	Unsatisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
20/01/2010	Self Monitoring	Benthic	Unsatisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More

29 items in 2 pages

Data supplied by SEPA on 19/08/2019

11/03/2009	Self Monitoring	Benthic	Unsatisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
11/03/2009	Self Monitoring	Benthic	Unsatisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
29/11/2007	Self Monitoring	Benthic	Satisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
29/11/2007	Self Monitoring	Benthic	Satisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
21/12/2006	Self Monitoring	Benthic	Unsatisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
20/12/2006	Self Monitoring	Benthic	Unsatisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
05/10/2005	SEPA Audit	Benthic	Unsatisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
05/10/2005	SEPA Audit	Visual - Video	Unsatisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
22/02/2005	Self Monitoring	Benthic	Unsatisfactory	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
05/05/2004	Self Monitoring	Benthic	Borderline	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More
14/08/2003	SEPA Audit	Benthic	Borderline	FFMC54	Bagh Dail nan Ceann North and South	Argyll and Bute	Mowi Scotland Ltd	More

[Annual emissions in 2018:](#)

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Fish Farms Annual Emissions

Annual Emissions Details	
Licence Site Name	Bagh Dail nan Ceann North and South
Year	2018
Submitted By	Marine Harvest (Scotland) Ltd
Licence active at time of report	CAR/L/1004226
Total copper from feed and nets (kg)	6.35067640
Zinc from feed (kg)	132.89724290
Nitrogen (kg)	47069.7192
Phosphorus (kg)	6500.104080
Total organic carbon (kg)	151015.3491
Data supplied by SEPA on 19/06/2019	

Location Details	
Receiving Water	Sound of Jura
National Grid Reference	NM77450451
View on Map	View on map
Data supplied by SEPA on 19/06/2019	

Reported use of Azamethiphos:

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019

Water Type: --All-- Local Authority: --All-- Sealice Treatment Used: Azamethiphos

Apply Current Filters Show All Results Clear All Filters CSV Export

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Bagh Dail nar	<input type="text"/>	Mowi	<input type="text"/>	
March	2019	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	2027	More
November	2018	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	513	More
October	2018	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	295	More
December	2017	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1593	More
November	2017	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	2280	More
October	2017	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	2494	More
September	2017	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	2456	More
August	2017	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	2410	More
July	2017	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	2194	More
January	2017	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	774	More
December	2016	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	506	More
June	2016	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1407	More
October	2013	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1080	More
April	2013	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	806	More
May	2012	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1400	More

20 items in 2 pages

Data supplied by SEPA on 19/06/2019

Fish Farm Monthly Biomass and Treatments Details	
Year	2019
Month	March
Submitted By	Mowi Scotland Ltd
Licence Number	CAR/L/1004226/V6
Licence active at time of report	CAR/L/1004226
Report for Site	FFMC54 Bagh Dail nan Ceann North and South
Max licensed biomass on site (tonnes)	2500
Actual biomass on site (tonnes)	2027
Biomass Exceedance (tonnes)	0
Feed (kg)	474947
Mortalities (kg)	4869.0257201657
Sealice Treatments Used	
Sealice Treatment Product	Quantity Used (grams)
Azamethiphos	2400.0000357628
Cypermethrin	0
Deltamethrin	0
Emamectin Benzoate	0
Teflubenzuron	0

Data supplied by SEPA on 19/06/2019

Location Details	
Receiving Water	Sound of Jura
National Grid Reference	NM77450451
View on Map	View on map

Data supplied by SEPA on 19/06/2019

Reported use of Emamectin benzoate:

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019

Water Type: --All-- Local Authority: --All-- Sealice Treatment Used: Emamectin Benzoate

Apply Current Filters Show All Results Clear All Filters CSV Export

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
			Bagh Dail nar		Mowi		
September	2018	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	107	More
April	2017	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1615	More
November	2016	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	292	More
October	2013	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1080	More
August	2013	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	685	More
January	2013	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	952	More
December	2012	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	0	More
October	2011	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1388	More
August	2011	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	889	More
May	2010	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	948	More
January	2010	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1475	More
November	2009	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1445	More
October	2007	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1265	More
August	2006	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	975	More
January	2006	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1334	More

19 items in 2 pages

Data supplied by SEPA on 19/06/2019

Reported use of Deltamethrin:

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019

Water Type: --All-- Local Authority: --All-- Sealice Treatment Used: Deltamethrin

Apply Current Filters Show All Results Clear All Filters CSV Export

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
			Bagh Dail nar		Mowi		
February	2017	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1070	More
February	2016	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1899	More
January	2014	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1459	More
December	2013	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1429	More
November	2013	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1241	More
October	2013	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1080	More
September	2013	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	906	More
April	2013	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	806	More
May	2012	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1400	More
April	2012	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1373	More
January	2012	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1353	More
December	2011	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1475	More
October	2011	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1388	More
January	2010	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1475	More
December	2009	FFMC54	Bagh Dail nan Ceann North and South	CAR/L/1004226/V6	Mowi Scotland Ltd	1458	More

16 items in 2 pages

Watch a [video report shot at Bagh Dail nan Ceann in July 2019](#):



Read more via [Shocking Video Footage from Mowi's 'Bay of the Dead Heads' \(Bagh Dail nan Ceann\)](#)

A [Fish Health Inspectorate report for Mowi's Bagh Dail nan Ceann salmon farm in June 2019](#) cited Amoebic Gill Disease in farmed salmon and craters disease in lumpfish:

Case No:	2019-0311	Date of visit:	26/06/2019			
Time spent on site:		Main Inspector:				
Site No:	FS0805	Site Name:	Bagh Dail Nan Cean			
Business No:	FB0119	Business Name:	Mowi Scotland Ltd			
Case Types:	1 <input type="checkbox"/> ECI	2 <input type="checkbox"/> CNI	3 <input type="checkbox"/> SLI	4 <input type="checkbox"/> VMD	5 <input type="checkbox"/>	6 <input type="checkbox"/>
Water Temp (°C):	12.5	Thermometer No:	T155	FHI 045 completed	<input type="checkbox"/> N	
Observations:	Region:	ST	Water type:	S	CoGP MA	M-40
Dead/weak/abnormally behaving fish present?	<input checked="" type="checkbox"/> Y	If yes, see additional information/clinical score sheet.				

Currently treating on site with a thermolicer. Treatment abandoned today as fish were not taking to it very well. (Hot weather) Fish in the pen that had been treated looked very lethargic, the fish were visible a brighter shade of blue (probably due to the stress of crowd, water temperature). The weather was very hot on the day of inspection which probably contributed to the abandoning of the treatment.

2 pens are stocked with wild mixed wrasse and the rest of pens are stocked with lumpfish.

More wrasse arriving over the summer. A consignment of wrasse was due to be received from Northern Ireland on the 30th of June. The consignment contained around 1000 wrasse. Due to the movement of wrasse on site from Northern Ireland, this will increase the surveillance frequency category from medium to high.

There was an input of wrasse during 2018. These wrasse were slowly lost to mortality throughout the year and more so through the winter months. Looking through the records of wrasse mortality there seemed to be a variety of reasons for mortality. Predation, furunculosis being the main ones. Site manager indicated that not many wrasse survived through the 2018/19 winter period.

Winter input of lumpfish into ten pens. Site manager noted that he was pleased with lumpfish survival over the winter, however they have been having issues with mortality increasing with the warmer weather and rise in sea temperature. This was visible when inspecting the pens as some fish looked very lean, and others with a clear fungal challenge. There were a few pens where this was evident, however most pens this did not seem to be an issue from the inspection. Health challenges were reported by site workers to the company vet. Who visited the site to health check the lumpfish, the vets report concluded that there was no visible health challenge with the lumpfish on site.

Results of Surveillance

1. Has any animal health surveillance been carried out by, or on behalf of, the business?

Y

2. If yes, are results available for inspection?

Y

3. Any significant results?

Y

If yes, detail (if not detailed under recent disease problems).

AGD detected at low levels. 2/10 fish positive.

Reports of lumpfish with craters disease - Fish health manager did observe any on site visit.

Records checked between:

14/2/19-26/06/19

Last year despite objections, Mowi [won approval to expand the salmon farm from 2,500 to 3,500 tonnes](#) making it Scotland's largest salmon farm.

In May 2019, [BBC News reported](#) following a ['Salmon Farming Exposed' investigation by Panorama](#):

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Salmon farming giant Mowi probed over chemical use

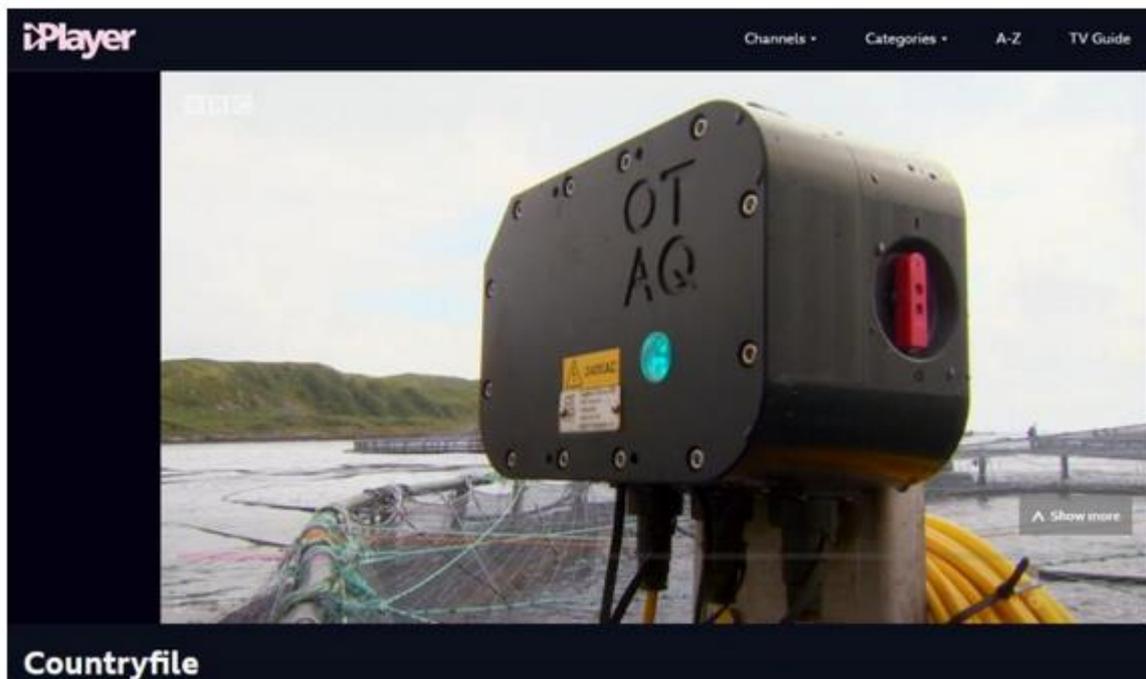
By Lucy Adams
BBC Panorama

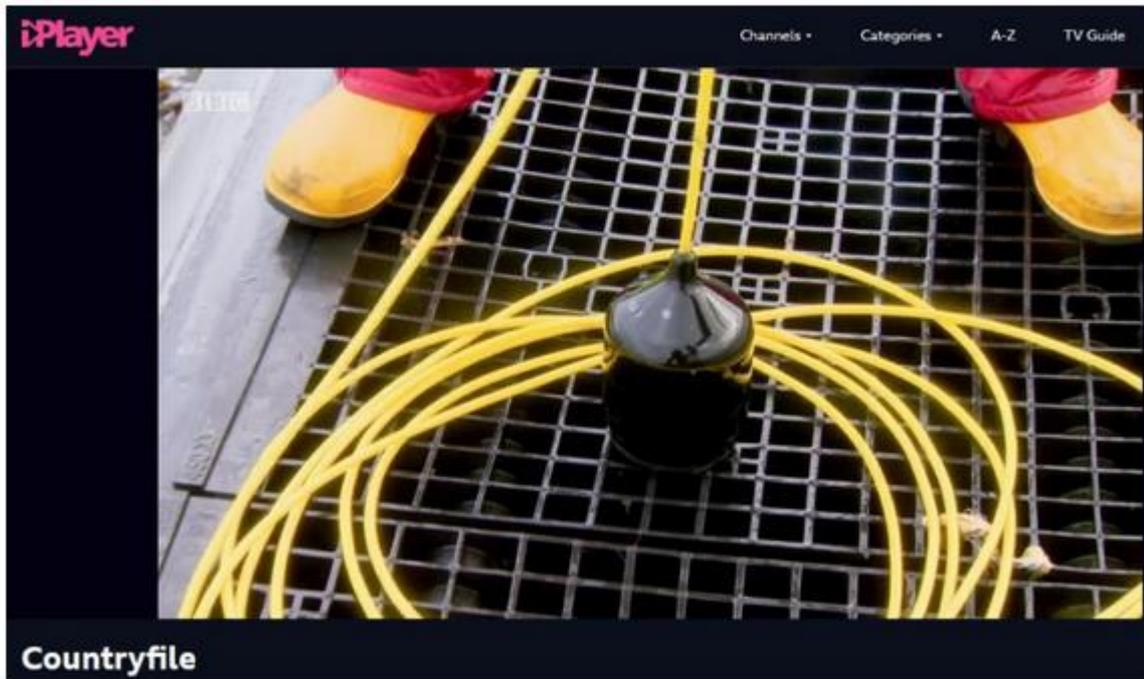
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BBC Countryfile [featured the use of Acoustic Deterrent Devices at Bagh Dail nan Ceann salmon farm in August 2019:](#)





Watch a [video report from the Bagh Dail nan Ceann salmon farm in July 2019](#):



A [Fish Health Inspectorate report published by the Scottish Government in 2017](#) detailed:

- 6,000 morts due to Salmosan chemical treatment (Azamethiphos) at Marine Harvest's Bagh Dail Nan Cean site in October 2017 (high sea lice counts also reported)
- Salmon which were "performing poorly" at Shuna Castle Bay and had "cataract issues" at Bagh Dail Nan Cean were moved by wellboat to Marine Harvest's Muck site in October 2017

In 2019, Mowi killed one seal [according to Scottish Government licence returns](#):



2019 Returns		Quarter 1		
Licence No:	Licence Name:	Site (date)	Grey	Common
WS06/2019/W	Marine Harvest (Scotland) Ltd	BDNC (11/03)	0	1

[2017 licence returns show](#) another seal killed at Bagh Dail Nan Cean (BDNC) and one more seal killed at Poll na Gille:

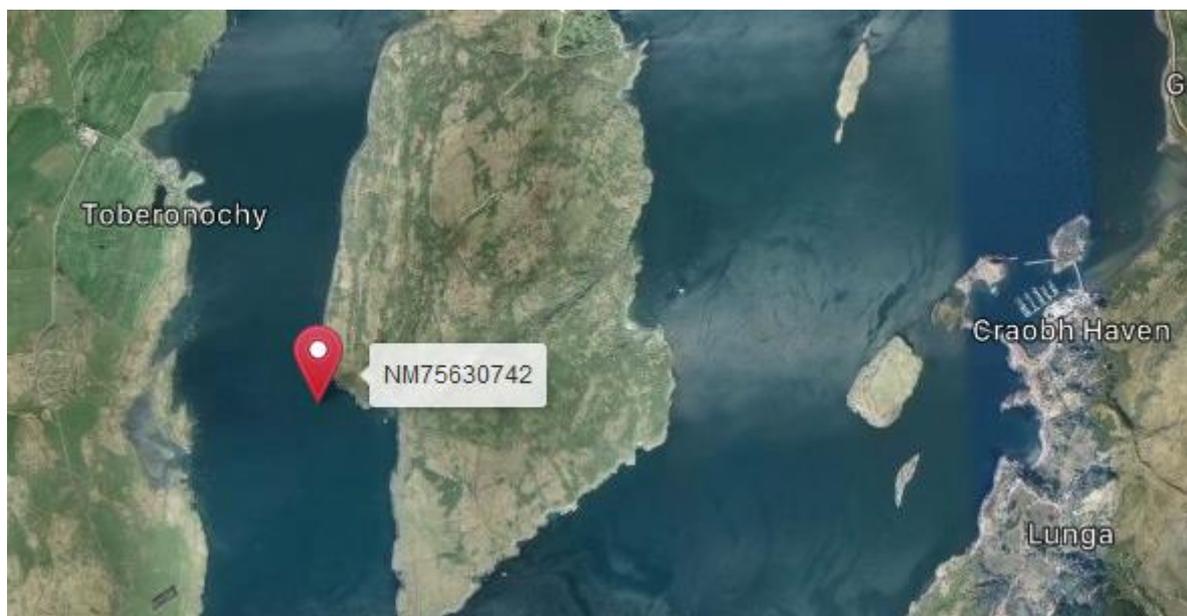
2017 Returns		Quarter 1		
Licence No:	Licence Name:	Site	Common	Grey
WS06/2017	Marine Harvest (Scotland) Ltd	Polle na Gille	1	0
"	"	Bagh dail nan Cean	0	1

Read more via [RSPCA in firing line over Marine Harvest's seal-killing spree in Scotland](#)



Rubh an Trilleachain salmon farm (Kames Fish Farming) in Shuna Sound

National Grid Reference: [NM75630742](#)



First stocked in October 2018 ([maximum biomass of 2,500 tonnes](#)):

Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Rubh an Trille	<input type="text"/>	Kames	<input type="text"/>	
March	2019	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	764	More
February	2019	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	549	More
January	2019	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	392	More
December	2018	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	281	More
November	2018	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	165	More
October	2018	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	91	More
September	2018	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	0	More

Reported use of Azamethiphos:

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019

Water Type: --All-- Local Authority: --All-- Sealice Treatment Used: Azamethiphos

[Apply Current Filters](#) [Show All Results](#) [Clear All Filters](#) [CSV Export](#)

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

[Show/Hide Advanced Filters](#)

Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Rubh an Trille	<input type="text"/>	Kames	<input type="text"/>	
March	2019	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	764	More
December	2017	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	1422	More
October	2017	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	2093	More
July	2017	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	1322	More
January	2017	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	345	More
August	2016	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	729	More
July	2016	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	1804	More
June	2016	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	1781	More

8 items in 1 pages

Data supplied by SEPA on 19/08/2019

Fish Farm Monthly Biomass and Treatments Details	
Year	2019
Month	March
Submitted By	Kames Fish Farming Ltd
Licence Number	CAR/L/1109280/V2
Licence active at time of report	CAR/L/1109280
Report for Site	RTRI1 Rubh an Trilleachain
Max licensed biomass on site (tonnes)	2500
Actual biomass on site (tonnes)	764
Biomass Exceedance (tonnes)	0
Feed (kg)	223266
Mortalities (kg)	335
Sealice Treatments Used	
Sealice Treatment Product	Quantity Used (grams)
Azamethiphos	780
Cypermethrin	0
Deltamethrin	0
Emamectin Benzoate	0
Teflubenzuron	0

Data supplied by SEPA on 19/08/2019

Location Details	
Receiving Water	Shuna Sound
National Grid Reference	NM75630742
View on Map	View on map

Data supplied by SEPA on 19/08/2019

Reported use of Deltamethrin:

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019

Water Type --All-- Local Authority --All-- Sealice Treatment Used Deltamethrin

Apply Current Filters [Show All Results](#) [Clear All Filters](#) [CSV Export](#)

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
			Rubh an Trilleachain		Kames		
February	2017	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	532	More
January	2017	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	345	More
February	2016	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	1891	More
January	2016	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	1883	More
December	2015	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	1825	More
November	2015	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	1633	More
October	2015	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	1536	More
September	2015	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	1224	More
August	2015	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	824	More

9 items in 1 pages

Data supplied by SEPA on 19/06/2019

Reported use of Emamectin benzoate:

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019

Water Type --All-- Local Authority --All-- Sealice Treatment Used Emamectin Benzoate

Apply Current Filters [Show All Results](#) [Clear All Filters](#) [CSV Export](#)

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
			Rubh an Trilleachain		Kames		
August	2017	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	1620	More
April	2017	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	973	More
November	2016	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	145	More
September	2015	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	1224	More
July	2015	RTRI1	Rubh an Trilleachain	CAR/L/1109280/V2	Kames Fish Farming Ltd	583	More

5 items in 1 pages

Data supplied by SEPA on 19/06/2019

Benthic self-monitoring reports:

Environmental Monitoring Surveys > Survey Date > From date: 01/01/1900 To date: 20/08/2019

Water Type: --All-- Species: --All--

Apply Current Filters Show All Results Clear All Filters CSV Export

Show/Hide Advanced Filters

Survey Date	Survey Type	Monitoring Method	SEPA Classification	Licence Site ID	Licence Site Name	Local Authority	Licence Holder	Actions
					Rubh an Trilleachain		Kames	
19/12/2017	Self Monitoring	Benthic	Satisfactory	RTR11	Rubh an Trilleachain	Argyll and Bute	Kames Fish Farming Ltd	More
16/03/2016	Self Monitoring	Benthic	Borderline	RTR11	Rubh an Trilleachain	Argyll and Bute	Kames Fish Farming Ltd	More
30/05/2013	Application - New Site	Visual - Video	Baseline	RTR11	Rubh an Trilleachain	Argyll and Bute	Kames Fish Farming Ltd	More
02/12/2012	Application - New Site	Visual - Video	Baseline	RTR11	Rubh an Trilleachain	Argyll and Bute	Kames Fish Farming Ltd	More
17/05/2012	Application - New Site	Benthic	Baseline	RTR11	Rubh an Trilleachain	Argyll and Bute	Kames Fish Farming Ltd	More
26/04/2012	Application - New Site	Visual - Video	Not Accepted	RTR11	Rubh an Trilleachain	Argyll and Bute	Kames Fish Farming Ltd	More

6 items in 1 pages

Data supplied by SEPA on 19/08/2019

[Annual emissions in 2018:](#)

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Fish Farms Annual Emissions

Annual Emissions Details		Location Details	
Licence Site Name	Rubh an Trilleachain	Receiving Water	Shuna Sound
Year	2018	National Grid Reference	NM75630742
Submitted By	Kames Fish Farming Ltd	View on Map	View on map
Licence active at time of report	CAR/L/1109280	Data supplied by SEPA on 19/08/2019	
Total copper from feed and nets (kg)	4.267170		
Zinc from feed (kg)	89.29680750		
Nitrogen (kg)	31627.26		
Phosphorus (kg)	4367.5740		
Total organic carbon (kg)	101470.7925		

Data supplied by SEPA on 19/06/2019

[Reported breaches of Environmental Quality Standard for Emamectin benzoate in sediment in 2017:](#)

Seallice In-Feed Treatment Residues Details						
Site Name	Rubh an Trilleachain					
Submitted By	Kames Fish Farming Ltd					
Licence active at time of report	CAR/L/1109280					
Treatment Name	Slice					
Active Ingredient	Emamectin Benzoate					
End of Treatment Date	31/08/2017					
Sample Date	19/12/2017					
Days between End of Treatment and Sample Date	110					
	Residues Results Micrograms per Kilogram			Environmental Quality Standard Micrograms per Kilogram		
Replicate	1	2	3	Emamectin Benzoate	Teflubenzuron	
Cages	0.87	1.03	1.06	7.63	10000	
25m				7.63	10000	
100m	0.7	1.29	1.19	0.763	2	
150m				0.763	2	
Data supplied by SEPA on 19/06/2019						

Location Details	
Receiving Water	Shuna Sound
National Grid Reference	NM75630742
View on Map	View on map
Data supplied by SEPA on 19/06/2019	

Here's [photos shot by Scottish Salmon Watch inside the Rubh an Trilleachain salmon farm in July 2019](#):



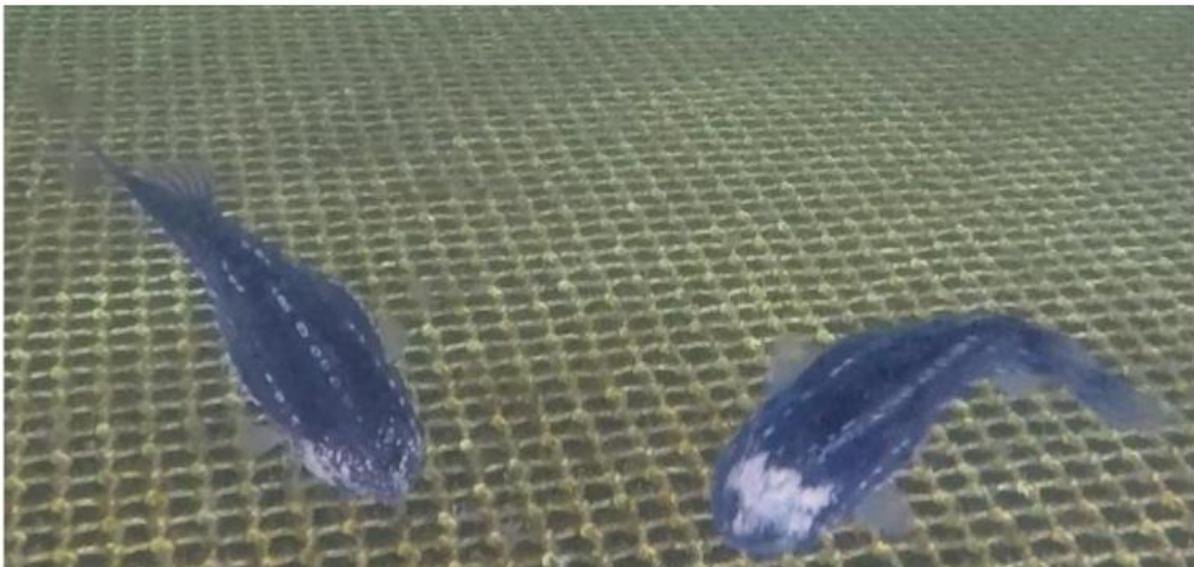




[A letter to Police Scotland in July 2019](#) included photos of cleaner fish at the Rubh an Trilleachain salmon farm:

The cleaner fish do not look particularly healthy.





Is this the 'craters disease' [reported by the Scottish Government's Fish Health Inspectorate at Mowi's Bagh Dail Nan Ceann salmon farm in June 2019?](#)

In August 2019, a [Volt Processor de-lousing boat fitted with Optilicers](#) was [photographed at the site](#):



The same boat was [featured on STV News in June 2019](#) at The Scottish Salmon Company's [lice-plagued salmon farm in Loch Shieldaig](#).

There appears some confusion in terms of the ownership of the salmon farm:

From: **Don Staniford** <salmonfarmingkills@gmail.com>

Date: Tue, Aug 20, 2019 at 10:58 PM

Subject: Confusion re SW Shuna - Mowi or Kames?

To: <Neil.Purvis@gov.scot>, <douglas.sinclair@sepa.org.uk>

Hopefully you can clarify who operates a salmon farm on the South West side of Shuna.

Mowi's latest sea lice data for July 2019 reports lice levels at South West Shuna:

<https://mowiscotland.co.uk/wp-content/uploads/2019/08/Lice-Mortality-reporting-week-30-2019.pdf>

Mowi Scotland				
Adult Female Lice and Mortality Reporting				
Week Number	2019w30			
Week Ending	28-Jul-19			
Farm	Adult female lice (Average per fish) ¹	Weekly Mortality (%)	Site Status	Notes ²
Ardintoul	0.06	0.09		
Bagh Dall Nan Ceann	0.51	0.13		
Boldsdale (An Camus)	-	-	Site follow	
Calrith	-	0.36		
Camas Glas	0.47	0.03		
Caolas a Deas East	0.23	0.21		
Caolas a Deas West	0.15	0.08		
Carradale	-	0.01	Site stocked in week	
Carradale North	-	0.06	Site stocked in week	
Colonsay	0.10	0.08		
Dulch	0.09	0.16		
Glencroisdale	-	-	Site follow	
Gorstan	0.50	0.06		
Greshornish	0.01	0.08		
Grey Horse Channel	0.04	0.25		
Groatay	0.02	0.31		
Harpert	0.39	0.46		
Hellsay	0.69	0.06		
Invasion Bay	0.18	0.19		
Isle Ewe	0.00	0.12		
Kingairloch	0.10	0.30		
Levan	-	0.11		
Linnha	0.31	2.64		CMS
Loch Aish	0.30	0.08		
Loch Houm	0.94	0.14		
MacLean's Nose	0.08	0.14		
Maol Ban	-	0.26		
Marulig Bay	-	-	Site follow	
Muck	1.69	0.68		
North Shore	-	0.66		
North Shore East	-	0.32		
Noster	0.04	0.28		
Ornish	-	-	Site follow	
Poll Na Gille	0.53	0.17		
Port Na Cro	1.55	2.28		Treatment Loss
Ralneach	-	-	Site follow	
Rum	0.53	0.12		
Sconsar	0.96	0.61		
Sconsar Quarry	1.05	0.23		
Scotasay	-	-	Site follow	
Seaforth	0.01	0.19		
Soay	-	0.08		
South West Shuna	0.94	0.30		

Mowi lists 'South West Shuna' as active with lice counts in February & March 2019:

<https://mowiscotland.co.uk/wp-content/uploads/2019/03/Lice-Mortality-reporting-week-08-2019.pdf>

<https://mowiscotland.co.uk/2019/03/31/lice-and-mortality-reports-march-2019/>

However, the Scotland's Aquaculture web-site lists a Mowi salmon farm named South West Shuna as fallow (this site appears never to have farmed salmon stocked):

http://aquaculture.scotland.gov.uk/data/fish_farms_monthly_biomass_and_treatment_reports.aspx

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 20/08/2019

Water Type: --All-- Local Authority: --All-- Sealice Treatment Used: --All--

Apply Current Filters Show All Results Clear All Filters CSV Export

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	South West S	<input type="text"/>	Mowi	<input type="text"/>	
March	2019	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More
February	2019	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More
January	2019	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More
December	2018	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More
November	2018	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More
October	2018	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More
September	2018	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More
August	2018	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More
July	2018	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More
June	2018	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More
May	2018	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More
April	2018	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More
March	2018	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More
February	2018	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More
January	2018	FFMC78	South West Shuna	CAR/L/1025496/V2	Mowi Scotland Ltd	0	More

99 items in 7 pages

Data supplied by SEPA on 19/06/2019

Fish Farm Monthly Biomass and Treatments Details

Year	2019
Month	March
Submitted By	Mowi Scotland Ltd
Licence Number	CAR/L/1025496/V2
Licence active at time of report	CAR/L/1025496
Report for Site	FFMC78 South West Shuna
Max licensed biomass on site (tonnes)	900
Actual biomass on site (tonnes)	0
Biomass Exceedance (tonnes)	0
Feed (kg)	0
Mortalities (kg)	0

Sealice Treatments Used

Sealice Treatment Product	Quantity Used (grams)
Azamethiphos	0
Cypermethrin	0
Deltamethrin	0
Emamectin Benzoate	0
Teflubenzuron	0

Data supplied by SEPA on 19/06/2019

Location Details

Receiving Water	Shuna Sound
National Grid Reference	NM75700850
View on Map	View on map

Data supplied by SEPA on 19/06/2019

Receiving Water : Shuna Sound



Another salmon operated by Kames is listed as Rubh an Trilleachain:

http://aquaculture.scotland.gov.uk/data/fish_farms_monthly_biomass_and_treatment_reports_record.aspx?monthly_data_id=3640761

Fish Farm Monthly Biomass and Treatments Details	
Year	2019
Month	March
Submitted By	Kames Fish Farming Ltd
Licence Number	CAR/L/1109280/V2
Licence active at time of report	CAR/L/1109280
Report for Site	RTRI1 Rubh an Trilleachain
Max licensed biomass on site (tonnes)	2500
Actual biomass on site (tonnes)	764
Biomass Exceedance (tonnes)	0
Feed (kg)	223266
Mortalities (kg)	335
Seallice Treatments Used	
Seallice Treatment Product	Quantity Used (grams)
Azamethiphos	780
Cypermethrin	0
Deltamethrin	0
Emamectin Benzoate	0
Teflubenzuron	0

Data supplied by SEPA on 19/06/2019

Location Details	
Receiving Water	Shuna Sound
National Grid Reference	NM75630742
View on Map	View on map

Data supplied by SEPA on 19/06/2019

Receiving Water : Shuna Sound



To complicate things further, a FOI reply on ADDs from the Scottish Government in 2017 lists Kames as operating a salmon farm called 'Shuna SW (Rubhan Trilleachain)': <https://donstaniford.typepad.com/files/pr-adds-deafening-impact-on-cetaceans-18-april-2018-1.pdf>

Licensed Company	Fish Farm Name	ADD Used	ADD Count	ADD Model	ADD Always On
Scottish Sea Farms Ltd	Dunstaffnage	TRUE	9	Airmar DB2	TRUE
Scottish Sea Farms Ltd	Loch Creran (B)	TRUE	14	Mohn Aqua Airmar DB II	TRUE
Scottish Sea Farms Ltd	Loch Spelve (A)	TRUE	10	Airmar DBII	TRUE
Scottish Sea Farms Ltd	Kerrera B	TRUE	13	Mohn Aqua Airmar DB11	TRUE
Scottish Sea Farms Ltd	Lismore North	TRUE	4	Mohn Aqua Airmar DB Plus II	TRUE
Scottish Sea Farms Ltd	Kishorn B (North)	TRUE	16	Mohn Aqua Airmar DBII	TRUE
Scottish Sea Farms Ltd	Walters (East Lismore)	TRUE	11	Mohn Aqua Airmar ADD 2000	TRUE
Scottish Sea Farms Ltd	Lismore West	TRUE	10	Mohn Aqua Airmar DBII	TRUE
The Scottish Salmon Company	Gometra	TRUE	15	ACE Aquatec US3	TRUE
Dawnfresh Farming Ltd	Etive 6	TRUE	10	Mohn Aqua	TRUE
Kames Fish Farming Ltd	Shuna SW (Rubhan Trilleachain)	TRUE	2	Terecos DSMS 4	TRUE
Marine Harvest (Scotland) Ltd	Bagh Dail Nan Cean	TRUE	2	Terecos DSMS 4	TRUE
Marine Harvest (Scotland) Ltd	Polle Na Gille	TRUE	2	Terecos DSMS 4	TRUE
Marine Harvest (Scotland) Ltd	Port Na Cro	TRUE	2	Terecos DSMS 4	TRUE
Marine Harvest (Scotland) Ltd	LEVEN	TRUE	2	Terecos DSMS 4	TRUE
Marine Harvest (Scotland) Ltd	LINNHE	TRUE	2	Terecos DSMS 4	TRUE

Could you please clear up the confusion?

As far as I understand it there are close connections between Kames and Mowi - but it seems from the Mowi lice data that they are operating this salmon farm and not Kames as listed in the Scotland's Aquaculture database.

I have also copied in David Ainsley and Ewan Kennedy who know the area well.

Thanks,

Don

Mortality data [published by the Scottish Government](#) also identifies Marine Harvest as the operator:

Mortality Event No	Reporting Business Name	Reporting Business No	Site Name	Site No	Date reported	Mortality rate recorded(%)	Explained reasons	Total mortality during event	Additional information
MRT00521	Marine Harvest (Scotland) Ltd	FB0119	Shuna SW	FS1290	06/11/2017	1.2	Complex gill issues, Gill issues, Anemia	5653	Harvesting worst affected cages.
MRT00522	Marine Harvest (Scotland) Ltd	FB0119	Shuna SW	FS1290	06/11/2017	1.2	Complex gill issues, Gill issues, Anemia	5364	Harvesting worst affected cages.
MRT00523	Marine Harvest (Scotland) Ltd	FB0119	Shuna SW	FS1290	06/11/2017	1.3	Complex gill issues, Gill issues, Anemia		Harvesting worst affected cages.

The Scottish Government confirmed on 23 August 2019 that the salmon farm was operated by Mowi not Kames Fish Farming:

From: <Neil.Purvis@gov.scot>
Date: Fri, Aug 23, 2019 at 12:50 PM
Subject: RE: Confusion re SW Shuna - Mowi or Kames?
To: <salmonfarmingkills@gmail.com>
Cc: <douglas.sinclair@sepa.org.uk>

Dear Don

Thank you for your email.

From a Marine Scotland perspective I can offer you the following:

As detailed within Scotland's Aquaculture website, there are 4 fish farm sites located around the Island of Shuna beside Loch Melfort. These are as follows:

- To the north west of Shuna - Port Na Cro (FS0859) registered to Mowi (FB0119)
- To the south west of Shuna - Shuna SW (Rubh'an Trilleachain) (FS1290) registered to Kames Fish Framing Ltd (FB0134)
- To the north east of Shuna – Shuna Castle (FS0465) registered to Kames Fish Framing Ltd (FB0134)
- To the south east of Shuna – Poll Na Gillie (FS0629) registered to Mowi (FB0119)

The term registration above refers to the Authorisation of the business to farm at specified sites in accordance with The Aquatic Animal Health (Scotland) Regulations 2009.

It is our understanding that the site Shuna SW (Rubh'an Trilleachain) (FS1290) which falls under the authorisation of Kames Fish Farming Ltd (FB0134) is being operated on their behalf by Mowi Scotland Ltd (FB0119).

I hope that this clarifies the situation for you.

Regards,

Neil

Neil Purvis

Marine Scotland – Science

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Fax: +44 (0)1224 295620

e: neil.purvis@gov.scot

w: <http://www.scotland.gov.uk/marinescotland>

SEPA further explained:

From: **Sinclair, Douglas** <douglas.sinclair@sepa.org.uk>

Date: Wed, Aug 28, 2019 at 12:32 PM

Subject: RE: Confusion re SW Shuna - Mowi or Kames?

To: Don Staniford <salmonfarmingkills@gmail.com>

Cc: Gritten, Barbara <barbara.gritten@sepa.org.uk>

Dear Don

I think my clarification will be similar to that provided by Neil in his earlier email.

The permit issued by SEPA under the Water Environment (Controlled Activities) (Scotland) Regulations 2011 (CAR) for a site known as South West Shuna names Marine Harvest Scotland Ltd/MOWI Scotland Ltd as the person responsible for securing compliance with the conditions of the authorisation. The reference number for that authorisation is CAR/L/1025496 and its location is the northern of the two locations shown on the maps you have copied below. Returns made to SEPA for this site show that the site has not been operated.

The permit issued by SEPA under the Water Environment (Controlled Activities) (Scotland) Regulations 2011 (CAR) for a site known as Rubh an Trilleachain names Kames Fish Farming Ltd as the person responsible for securing compliance with the conditions of the authorisation. The reference number for that authorisation is CAR/L/1109280 and its location is the southern of the two locations shown on the maps you have copied below. This site is currently in production having been stocked in October 2018, SEPA understands that the site is operated by MOWI Scotland Ltd.

For Rubh an Trilleachain, Kames Fish Farming Ltd supply SEPA with relevant notifications and returns but it may be the case that MOWI have recorded the sea louse data for this site against the site described as South West Shuna in their sea louse data reports. The sea louse reporting system is not regulated by SEPA. I understand that Rubh an Trilleachain is referred to locally as South West Shuna.

Best regards

Douglas Sinclair

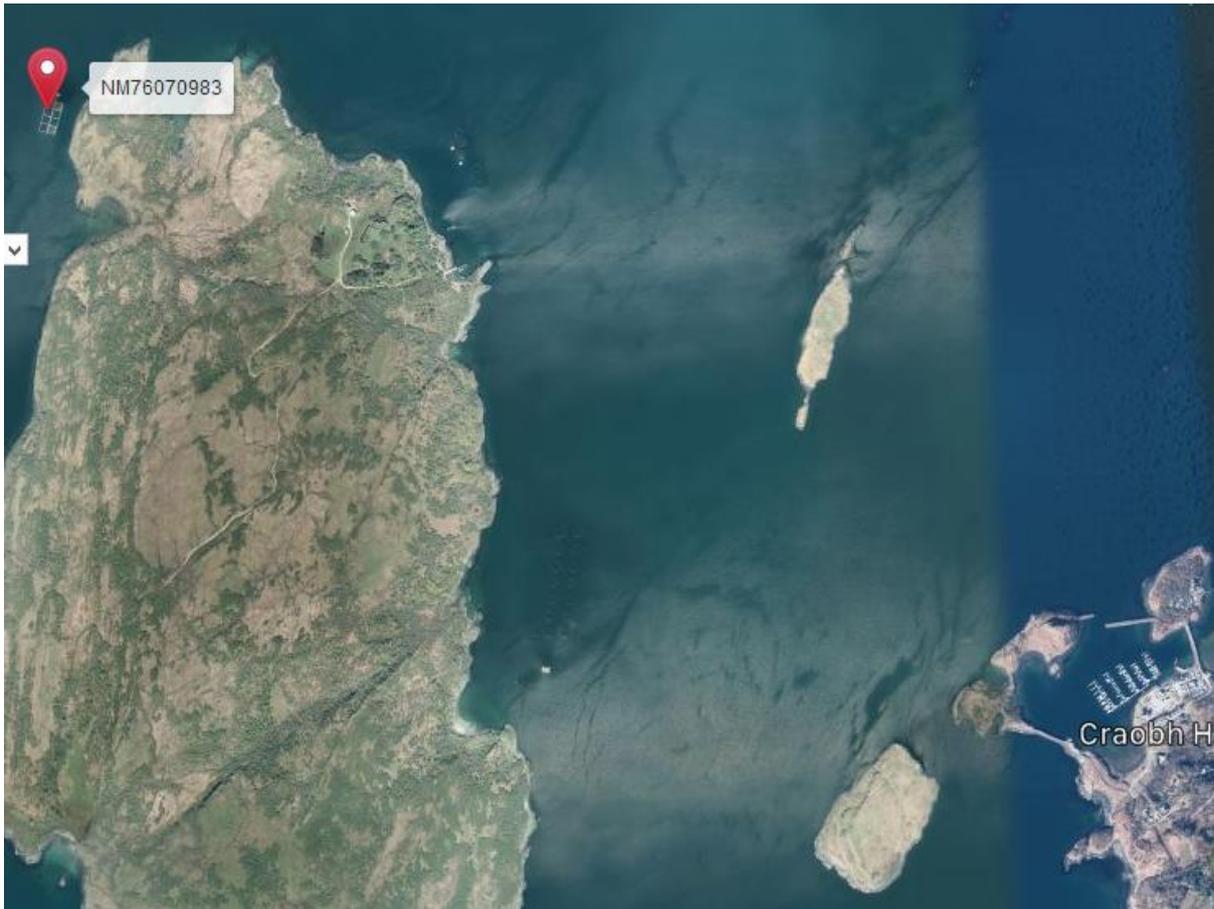
Scottish Environment Protection Agency
Orkney Office
Norlantic House
KIRKWALL
Orkney
KW15 1GR

Tel: 01856 871080
Mob: 0797 924 5513
SEPA Extn: 2729
E-mail: douglas.sinclair@sepa.org.uk

Port na Cro (Mowi) in Shuna Sound:

National Grid Reference: [NM76070983](#)





First stocked in November 2018 ([maximum biomass of 1,000 tonnes](#)):

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 21/08/2019

Water Type --All-- Local Authority --All-- Sealice Treatment Used --All--

Apply Current Filters Show All Results Clear All Filters CSV Export

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Port na Cro	<input type="text"/>	Mowi	<input type="text"/>	
March	2019	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	523	More
February	2019	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	383	More
January	2019	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	259	More
December	2018	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	173	More
November	2018	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	106	More
October	2018	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	0	More

Here's [photos of farmed salmon sampled in 2017 by the Fish Health Inspectorate at the Port na Cro salmon farm](#):



Read more via "[Exposed: Gruesome Photos of Deformed & Diseased Scottish Salmon](#)"

[Reported mortalities \(and Azamethiphos use\) in March 2019:](#)

Fish Farm Monthly Biomass and Treatments Details	
Year	2019
Month	March
Submitted By	Mowi Scotland Ltd
Licence Number	CAR/L/1000810/V5
Licence active at time of report	CAR/L/1000810
Report for Site	FFMC55 Port na Cro
Max licensed biomass on site (tonnes)	1000
Actual biomass on site (tonnes)	523
Biomass Exceedance (tonnes)	0
Feed (kg)	148995
Mortalities (kg)	289.8951590817
Sealice Treatments Used	
Sealice Treatment Product	Quantity Used (grams)
Azamethiphos	2100.0000536442
Cypermethrin	0
Deltamethrin	0
Emamectin Benzoate	0
Teflubenzuron	0

Data supplied by SEPA on 19/06/2019

Location Details	
Receiving Water	Shuna Sound
National Grid Reference	NM76070983
View on Map	View on map

Data supplied by SEPA on 19/06/2019

[Reported use of Azamethiphos:](#)

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 21/08/2019

Water Type: --All-- Local Authority: --All-- Sealice Treatment Used: Azamethiphos

[Show All Results](#)
[Clear All Filters](#)
[CSV Export](#)

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Port na Cro	<input type="text"/>	Mowi	<input type="text"/>	
March	2019	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	523	More
February	2019	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	383	More
July	2017	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	705	More
May	2016	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	669	More
February	2016	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	839	More
November	2015	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	765	More
December	2013	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	736	More
October	2013	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	616	More
February	2012	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	795	More
January	2012	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	740	More
December	2011	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	673	More
October	2011	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	811	More
February	2010	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	804	More

13 items in 1 pages

Data supplied by SEPA on 19/06/2019

Reported use of Deltamethrin:

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 21/08/2019

Water Type: --All-- Local Authority: --All-- Sealice Treatment Used: Deltamethrin

Apply Current Filters Show All Results Clear All Filters CSV Export

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Port na Cro	<input type="text"/>	Mowi	<input type="text"/>	
April	2016	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	669	More
February	2016	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	839	More
November	2015	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	765	More
October	2015	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	774	More
September	2015	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	730	More
August	2015	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	566	More
June	2014	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	605	More
January	2014	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	821	More
December	2013	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	736	More
November	2013	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	658	More
October	2013	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	616	More
September	2013	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	521	More
March	2012	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	746	More
February	2012	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	795	More
January	2012	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	740	More

19 items in 2 pages

Data supplied by SEPA on 19/06/2019

Reported use of Emamectin benzoate:

Monthly Biomass & Treatment Reports > Report Month > From date: 01/01/1900 To date: 21/08/2019

Water Type: --All-- Local Authority: --All-- Sealice Treatment Used: Emamectin Benzoate

Apply Current Filters Show All Results Clear All Filters CSV Export

NB This dataset does not include treatments carried out on wellboats. The full annual SPRI data returns inclusive of wellboat information can be found [here](#)

Show/Hide Advanced Filters							
Month	Year	Licence Site ID	Licence Site Name	Licence Number	Licence Holder	Actual Biomass on Site (Tonnes)	Actions
		<input type="text"/>	Port na Cro	<input type="text"/>	Mowi	<input type="text"/>	
August	2017	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	842	More
September	2015	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	730	More
August	2015	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	566	More
July	2015	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	439	More
March	2015	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	713	More
October	2013	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	616	More
August	2013	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	756	More
May	2013	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	409	More
January	2013	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	168	More
December	2012	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	134	More
October	2011	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	811	More
August	2011	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	576	More
April	2011	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	509	More
January	2011	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	253	More
October	2009	FFMC55	Port na Cro	CAR/L/1000810/V5	Mowi Scotland Ltd	924	More

26 items in 2 pages

Data supplied by SEPA on 19/06/2019

[Benthic self-monitoring reports:](#)

Environmental Monitoring Surveys > Survey Date > From date: 01/01/1900 To date: 21/08/2019

Water Type --All-- Species --All--

Apply Current Filters [Show All Results](#) [Clear All Filters](#) [CSV Export](#)

Show/Hide Advanced Filters

Survey Date	Survey Type	Monitoring Method	SEPA Classification	Licence Site ID	Licence Site Name	Local Authority	Licence Holder	Actions
					Port na Cro		Mowi	
19/12/2017	Self Monitoring	Benthic	Borderline	FFMC55	Port na Cro	Argyll and Bute	Mowi Scotland Ltd	More
17/03/2016	Self Monitoring	Benthic	Borderline	FFMC55	Port na Cro	Argyll and Bute	Mowi Scotland Ltd	More
26/06/2014	Self Monitoring	Benthic	Satisfactory	FFMC55	Port na Cro	Argyll and Bute	Mowi Scotland Ltd	More
11/01/2012	Self Monitoring	Benthic	Borderline	FFMC55	Port na Cro	Argyll and Bute	Mowi Scotland Ltd	More
04/05/2010	SEPA Audit	Benthic	Unsatisfactory	FFMC55	Port na Cro	Argyll and Bute	Mowi Scotland Ltd	More
23/06/2009	Self Monitoring	Benthic	Unsatisfactory	FFMC55	Port na Cro	Argyll and Bute	Mowi Scotland Ltd	More
18/03/2008	Self Monitoring	Benthic	Unsatisfactory	FFMC55	Port na Cro	Argyll and Bute	Mowi Scotland Ltd	More
18/07/2007	Self Monitoring	Benthic	Unsatisfactory	FFMC55	Port na Cro	Argyll and Bute	Mowi Scotland Ltd	More
29/03/2006	Self Monitoring	Benthic	Unsatisfactory	FFMC55	Port na Cro	Argyll and Bute	Mowi Scotland Ltd	More
05/05/2004	Self Monitoring	Benthic	Unsatisfactory	FFMC55	Port na Cro	Argyll and Bute	Mowi Scotland Ltd	More
05/09/2003	Self Monitoring	Benthic	Unsatisfactory	FFMC55	Port na Cro	Argyll and Bute	Mowi Scotland Ltd	More
14/08/2003	SEPA Audit	Visual - Video	Unsatisfactory	FFMC55	Port na Cro	Argyll and Bute	Mowi Scotland Ltd	More

12 items in 1 pages

Data supplied by SEPA on 19/06/2019

[Annual emissions in 2018:](#)

Scotland's aquaculture

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Scotland's environment

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Fish Farms Annual Emissions

Annual Emissions Details	
Licence Site Name	Port na Cro
Year	2018
Submitted By	Marine Harvest (Scotland) Ltd
Licence active at time of report	CAR/L/1000810
Total copper from feed and nets (kg)	0.72260676
Zinc from feed (kg)	15.12160911
Nitrogen (kg)	5355.791280
Phosphorus (kg)	739.609272
Total organic carbon (kg)	17183.163690

Data supplied by SEPA on 19/06/2019

Location Details	
Receiving Water	Shuna Sound
National Grid Reference	NM76070983
View on Map	View on map

Data supplied by SEPA on 19/06/2019

[Reported breaches of Environmental Quality Standard for Emamectin benzoate in sediments in 2017:](#)

Sealice In-Feed Treatment Residues Details					
Site Name	Port na Cro				
Submitted By	Marine Harvest (Scotland) Ltd				
Licence active at time of report	CAR/L/1000810				
Treatment Name	Slice				
Active Ingredient	Emamectin Benzoate				
End of Treatment Date	25/08/2017				
Sample Date	19/12/2017				
Days between End of Treatment and Sample Date	116				
	Residues Results Micrograms per Kilogram			Environmental Quality Standard Micrograms per Kilogram	
Replicate	1	2	3	Emamectin Benzoate	Teflubenzuron
Cages	3.98	3.5	2.42	7.63	10000
25m				7.63	10000
100m	1.72	1.52	1.4	0.763	2
150m				0.763	2
Data supplied by SEPA on 19/06/2019					

Location Details	
Receiving Water	Shuna Sound
National Grid Reference	NM76070983
View on Map	View on map
Data supplied by SEPA on 19/06/2019	

[Reported breaches of Environmental Quality Standard for Emamectin benzoate in sediments in 2016:](#)

Sealice In-Feed Treatment Residues Details					
Site Name	Port na Cro				
Submitted By	Marine Harvest (Scotland) Ltd				
Licence active at time of report	CAR/L/1000810				
Treatment Name	Slice				
Active Ingredient	Emamectin Benzoate				
End of Treatment Date	28/09/2015				
Sample Date	18/01/2016				
Days between End of Treatment and Sample Date	112				
	Residues Results Micrograms per Kilogram			Environmental Quality Standard Micrograms per Kilogram	
Replicate	1	2	3	Emamectin Benzoate	Teflubenzuron
Cages	2.63	2.63	3.31	7.63	10000
25m				7.63	10000
100m	2.73	3.36	3.04	0.763	2
150m				0.763	2
Data supplied by SEPA on 19/06/2019					

Location Details	
Receiving Water	Shuna Sound
National Grid Reference	NM76070983
View on Map	View on map
Data supplied by SEPA on 19/06/2019	

Port na Cro salmon farm was [named and shamed for breaching lice limits in 2017:](#)

Sea Lice Breaching Farm List

#SalmonFarmReform

Scottish Government has trigger levels of 3 adult female sea lice per farmed salmon (at which point a "site-specific escalation plan" to reduce lice numbers is required) and 8 adult female lice per farmed salmon (at which point, enforcement action may be ordered to harvest early, reduce biomass or cull-out a farm).

Here is the full list of open net salmon farms that breached the 3 and/or 8 sea lice trigger levels, for differing periods, between November 2016 and December 2017



- Bag Dail Nan Cean Marine Harvest (Scotland) Ltd
- Port Na Cro Marine Harvest (Scotland) Ltd
- Port Na Gille Marine Harvest (Scotland) Ltd
- Shuna SW (Rubh'an Trilleachain) Kames Fish Farming Ltd

In July 2019 (week 29), [Port na Cro salmon farm reported the highest lice infestation levels of any Mowi salmon farm:](#)

Mowi Scotland Adult Female Lice and Mortality Reporting



Week Number 2019w29
Week Ending 21-Jul-19

Farm	Adult female lice (Average per fish) ¹	Weekly Mortality (%)	Site Status	Notes ²
Port Na Cro	2.70	0.06		

Later in July 2019 (week 30), [Port na Cro reported 2.28% mortality due to a "treatment loss":](#)

Mowi Scotland Adult Female Lice and Mortality Reporting



Week Number 2019w30
Week Ending 28-Jul-19

Farm	Adult female lice (Average per fish) ¹	Weekly Mortality (%)	Site Status	Notes ²
Port Na Cro	1.55	2.28		Treatment Loss

A [Fish Health Inspectorate report published by the Scottish Government in 2018](#) detailed:

- 10,000 'morts' "attributed to inventory loss since input" ("these are a discrepancy between input counts and output counts") cited at Marine Harvest's Port Na Cro site in November 2018 inspection report

A [Fish Health Inspectorate report for Mowi's Port Na Cro salmon farm published by the Scottish Government in June 2019](#) cited "obvious mechanical damage from the Thermolicer" and 10,000 dead lumpfish "with fungus attributed to the warmer weather". "Lethargic fish hanging at sides" were noted by the health manager with samples taken to test for the presence of Salmonid Alphavirus (Pancreas Disease):

Case No:	2019-0312	Date of visit:	26/06/2019			
Time spent on site:	8hrs	Main Inspector:				
Site No:	FS0859	Site Name:	Port Na Cro			
Business No:	FB0119	Business Name:	Mowi Scotland Ltd			
Case Types:	1 ECI	2 CNI	3 SLI	4 VMD	5	6
Water Temp (°C):	12.5	Thermometer No:	T155	FHI 045 completed	N	
Observations:	Region:	ST	Water type:	S	CoGP MA	M-40
Dead/weak/abnormally behaving fish present?	<input checked="" type="checkbox"/> If yes, see additional information/clinical score sheet.					

Salmosan treatment - pen 1 (Thursday the second of may.) post treatment mortality - 2.4% Cumulative mortality lost from pen.

Thermolicer treatment. 15th of June. Good clearance reported after treatment. Pens that had been treated with the thermolicer more recently had some lethargic fish visible in the pens, some of which had obvious mechanical damage from the thermolicer treatment.

42000 lumpfish put in at end of 2018 - 32000 left. Lots of mortality attributed to post treatment and summer weather. Lethargic and lean lumpfish could be seen swimming round the edges of the pens. There were a lot of healthy ones too. Some had apparent issues with fungus attributed to the warmer weather. Site manager noted that they do really well in the winter months but as the sea warms up in summer they see increases in mortality and increases mortality post treatment.

Results of Surveillance	
1. Has any animal health surveillance been carried out by, or on behalf of, the business?	<input type="checkbox"/> Y
2. If yes, are results available for inspection?	<input type="checkbox"/> Y
3. Any significant results?	<input type="checkbox"/> Y
If yes, detail (if not detailed under recent disease problems).	Health manager visited site. Observed sluggish and lethargic fish hanging at sides. Samples were taken to test for presence of SAV (PD)

Port na Cro salmon farm was the subject of the [one and only unannounced inspection by Marine Scotland of a sea cage salmon farm in 2018](#).



[Home](#) > [Publications](#) >

PUBLICATION - FOI/EIR RELEASE

Unannounced inspections of marine cage fish farms: EIR release

Published: **8 May 2019**

Directorate: [Marine Scotland Directorate](#)

Part of: [Marine and fisheries](#), [Public sector](#)

Information request and response under the Environmental Information (Scotland) Regulations 2004.

FOI reference: FOI/19/00881

Date received: 21 Mar 2019

Date responded: 7 May 2019

The FOI disclosure included a complaint to the European Commission [filed by tourist operator and diver David Ainsley](#):

Before filling in this form, please read *'How to submit a complaint to the European Commission'*:



EUROPEAN COMMISSION

Complaint – Infringement of EU law

https://ec.europa.eu/assets/sg/report-a-breach/complaints_en/

All fields with * are mandatory. Please be concise and if necessary continue on a separate page.

1. Identity & contact details

[Redacted]

2. How has EU law been infringed?*

[Redacted]

2.1 Which national measure(s) do you think are in breach of EU law and why?*

[Redacted]

1. Should Art. 6(3) appropriate assessments have been carried out on the effect of ADDs on cetaceans on:

(i) The Port na Cro Planning Application within the Inner Hebrides and Minches cSAC

We believe that the planning permission for ADDs at Port na Cro should not have been granted.

- SNH accept that there is disturbance but failed to inform the Planners that *any* disturbance is an offence under Habitats Regulation 39 (2).

¹⁸ www.legislation.gov.uk/ssi/2007_20070080_en.pdf

¹⁹ http://www.parliament.scot/S5_Environment/Inquiries/20180305_GD_to_Rec_salmon_farming.pdf

²⁰ www.richardbuxton.co.uk/sites/default/files/.../Akester%20-%20Wightlink.doc

- The farm has no EPS License, an offence under Habitats Regulation 44²¹. We maintain that a planning consent alone is not permission to disturb an EPS species, and that the farm would not pass the 3 tests required for an EPS license.
- An Article 6(3) appropriate assessment was not carried out to demonstrate beyond all reasonable scientific doubt that the ADDs on this farm, in combination with the ADDs at neighbouring farms would not adversely affect the integrity of the cSAC.

We thank you for your interest and hope that the EC will call for enforcement of the laws protecting cetaceans. We would welcome the opportunity to comment on input from Scottish authorities.

Watch [David Ainsley](#) on BBC Countryfile in August 2019 (filmed near the salmon farms operated by Mowi around Shuna) [online here](#)



The [noise pollution from ADDs used by salmon farms is deafening](#):



Read more via:

[Sounding Off On Salmon Farms - Acoustic Deterrent Devices evade Marine Noise Registry SARF112 – Influences of lower-frequency Acoustic Deterrent Devices \(ADDs\) on cetaceans in Scottish coastal waters](#)
[Mapping widespread and increasing underwater noise pollution from acoustic deterrent devices](#)

Is the Scottish Government even listening?

A screenshot of a Change.org petition page. At the top, the Change.org logo is on the left, and navigation links for 'Start a petition', 'My petitions', 'Browse', and 'Membership' are in the center. On the right, there are icons for search, notifications, and a profile. Below the navigation, the petition title 'SAVE DOLPHINS, PORPOISES AND SEALS FROM SCOTTISH SALMON FARMS' is displayed in bold, with '21K supporters' underneath. A 'Petition details' dropdown menu is on the right. The main content area features a large video thumbnail showing two dolphins leaping from the water. Below the video, the text reads 'SIGN THE PETITION! Save dolphins, porpoise, and whales.' To the right of the video, there are icons for a heart and a share symbol. Below the video, a small profile picture and text state: 'David & Jean Ainsley started this petition to Roseanna Cunningham, Scottish Cabinet Secretary for the Environment'. On the right side of the page, a grey box contains the following information: '20,753 have signed. Let's get to 25,000!' followed by a progress bar. Below the bar, two signatures are listed: 'Vanessa Pooley signed 13 hours ago' and 'Carol Hawley signed 17 hours ago'. At the bottom of this box, it says: 'Thanks to your support this petition has a chance at winning! We only need 4,247 more signatures to reach the next goal - can you help?' and a red button that says 'Take the next step!'.