

**FOI Backgrounder: ISA in Scottish Salmon (February 2022)**

**Summary:**

Infectious Salmon Anaemia (ISA) was [officially reported by the Scottish Government to the World Organization for Animal Health \(OIE\) via a ‘Notification of OIE-Listed Aquatic Diseases and Infections’ submitted by the Fish Health Inspectorate on 15 September 2021.](#)

The [OIE report](#) detailed ISA in farmed Atlantic salmon with ‘Infection/Infestation limited to one or more zones’ and listed 369,195 ‘susceptible’ farmed Atlantic salmon in May 2021 [Note the Scottish Government’s Fish Health Inspectorate identified Loch Spelve salmon farm operated by Scottish Sea Farms as testing positive for ISA following an inspection on 14 May 2021 – the ‘Case Information’ which details 369,195 on site was not [published until August 2021](#)].

**SIX-MONTHLY REPORT ON THE NOTIFICATION OF OIE-LISTED AQUATIC ANIMAL DISEASES AND INFECTIONS**

1. Report date:	15/09/2021	2. Reporting period:	Year	2021	Semester	<input checked="" type="checkbox"/> January - June
3. Country:	SCOTLAND					
4. Name of the sender:	<REDACTED – PERSONAL INFORMATION>					
5. Position of the sender:	FISH HEALTH INSPECTORATE TECHNICAL MANAGER					
Infectious salmon anaemia virus (Inf. with) (HPR-deleted or HPRO genotypes)						
<b>6. Occurrence code</b>	<b>Farmed fish</b>				<b>Wild fish</b>	
<input type="checkbox"/> Disease present		<input type="checkbox"/> Disease present				
<input type="checkbox"/> Disease limited to one or more zones		<input type="checkbox"/> Disease limited to one or more zones				
<input type="checkbox"/> Infection/infestation		<input type="checkbox"/> Infection/infestation				
<input checked="" type="checkbox"/> Infection/infestation limited to one or more zones		<input type="checkbox"/> Infection/infestation limited to one or more zones				
<input checked="" type="checkbox"/> Disease absent	Date of last occurrence: <a href="#">08/05/2012</a>	<input checked="" type="checkbox"/> Disease absent	Date of last occurrence: <a href="#">08/05/2012</a>			

**SIX-MONTHLY REPORT ON THE NOTIFICATION OF OIE-LISTED AQUATIC ANIMAL DISEASES AND INFECTIONS**

Part 2. Quantitative information

<b>1. Disease name</b>	<b>Infectious salmon anaemia</b>				
SCOTLAND	Atlantic salmon	<input checked="" type="checkbox"/> Farmed fish	5 <sup>th</sup> month		
<b>4. Number of outbreaks</b>					
<b>New</b>	<b>Total</b>				
1	1				
<b>9. Total number of</b>					
Susceptible	Cases	Deaths	Killed and disposed of	Killed for commercial or own use	Vaccinated in response to the outbreak(s)
369,195	1	None reported	0	0	0

The date of last occurrence of ISA in Scotland was listed in the [OIE report in September 2021](#) from the Scottish Government as 8 May 2012. The Scottish Government [previously reported to the World Organization for Animal Health \(OIE\) in late May 2021](#) that ISA had not been reported on Scottish salmon farms since 31 December 2009.

The [OIE report filed in September 2021 by the Scottish Government via DEFRA \(or vice versa – a FOI request to DEFRA is seeking further information\)](#) detailed a ‘disease notification’ for both farmed and wild fish but only 4 samples were collected for farmed salmon and zero for wild fish:

SIX-MONTHLY REPORT ON THE NOTIFICATION OF OIE-LISTED AQUATIC ANIMAL DISEASES AND INFECTIONS

1. Report date:	15/09/2021	2. Reporting period:	Year	2021	Semester
4. Name of the sender:	<REDACTED – PERSONAL INFORMATION>		5. Position of the sender:		
<input checked="" type="checkbox"/> January - June		<input type="checkbox"/> July - December		3. Country: SCOTLAND	

FISH HEALTH INSPECTORATE TECHNICAL MANAGER

Infectious salmon anaemia virus (Inf. with) (HPR-deleted or HPRO genotypes)

8. Preventive and control measures

Species	Compartmentalisation	Disease notification	General surveillance	Monitoring	Movement control inside the country	Precautions at the borders	Targeted surveillance	Number of samples collected	Vaccination prohibited
Farmed fish	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	<input checked="" type="checkbox"/>					
Wild fish	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>

The [OIE report dated 15 September 2021](#) detailed:

7. **Note for Farmed fish** (max. 1024 characters) Targeted surveillance interpreted as scheduled, risk-based, physical inspections of farms with diagnostic samples collected as appropriate. Targeted surveillance maintained for HPR deleted, HPRO would only be detected at diagnostic test. 1 case of HPRO in semester. **Disease (HPR-deleted) absent, infection (HPR-0) limited.**

**Note for Wild fish** (max. 1024 characters) HPR deleted only identified in fish in close association with clinical outbreaks in farmed fish. Neither HPR 0 nor HPR deleted detected in reporting semester

<REDACTED – OUT OF SCOPE>

Another [OIE report filed by the Scottish Government and/or DEFRA on 27 May 2021](#) – relating to the second semester of 2020 (July to December) – detailed five samples of farmed fish collected for ISA testing and 2 samples of wild fish:

**SIX-MONTHLY REPORT ON THE NOTIFICATION OF OIE-LISTED AQUATIC ANIMAL DISEASES AND INFECTIONS**

1. Report date:	27/05/2021	2. Reporting period:	Year	2020	Semester
4. Name of the sender:	<REDACTED – PERSONAL INFORMATION>		5. Position of the sender:		
<input type="checkbox"/> January - June <input checked="" type="checkbox"/> July - December		3. Country:	SCOTLAND		

FISH HEALTH INSPECTORATE TECHNICAL MANAGER

<REDACTED - OUT OF SCOPE>

Infectious salmon anaemia virus (Inf. with) (HPR-deleted or HPR0 genotypes)

8. Preventive and control measures		Compartmentalisation	Disease notification	General surveillance	Movement control inside the country	Precautions at the borders	Screening	Stamping out	Targeted surveillance	Number of samples collected
<b>Species</b>										
Farmed fish	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5							
Wild fish	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2				

“Apologies again for providing contradictory information,” [wrote the Fish Health Inspectorate Technical Manager at Marine Scotland Science in an email to DEFRA dated 25 October 2021](#) (copied to Charles Allan – head of Marine Scotland’s Fish Health Inspectorate). “Will the system permit two selections here? The ISA strain relates to both HPR-deleted strain which we would record as disease absent and HPR-0 strain which would be infection/infestation limited to one or more zones. If only one selection is allowed it would probably have to be the latter – infection/infestation limited to one or more zones.”

“The system permits only one presence code per disease, but it allows to provide quantitative data for each ISA genotype to be notified,” [wrote DEFRA’s Animal and Plant Health & Welfare Directorate \(Veterinary Trade Facilitation, Global Animal Health\) in an undated email](#) (understood to be from October 2021 – Scamon Scotland has asked the Scottish Government to provide the missing information).

Here’s an [email from DEFRA to the Scottish Government’s Marine Laboratory in Aberdeen dated 22 October 2021](#):

Sorry <REDACTED - PERSONAL INFORMATION> but I have another question:

- Infectious salmon anaemia: on Part 1 of your return, Qualitative information, you have selected “**disease absent**” for both farmed and wild fish. However, on Part 2. Quantitative information, you have entered that there was an outbreak in May 2021. So I should change the presence code for farmed fish from “**disease absent**” to one of these two codes:
  - **Disease limited to one or more zones**: The disease is present with clinical signs and limited to one or more zones/compartments (in farmed species or aquatic wildlife)
  - **Infection limited to one or more zones**: Confirmed infection using diagnostic tests, but no clinical signs observed and limited to one or more zones/compartments (in farmed species or aquatic wildlife)

Could you please confirm which code would be most appropriate?

“ISA – the last known occurrence of ISA in Scotland was in 2009, however we did not declare absence until completion of the surveillance programme following re-stocking,” [explained the Fish Health Inspectorate’s Technical Manager at Marine Scotland Science in an email to DEFRA dated 22 October 2021](#). “8 May 2012 is when we were officially recognized as free of ISA again.”

Here’s [an email from DEFRA to Marine Scotland Science dated 19 October 2021](#):

Thank you for your return on aquatic diseases for Scotland.  
I am in the process of finalising the reports and I have a few queries regarding your return. I would be really grateful if you could clarify them for me please:

Infectious salmon anaemia virus: on the WAHIS system it says that the date of last occurrence in farmed fish was the 31/12/2009, but in your return it says it was the 8/05/2012. Was there an outbreak in May 2012 that was never reported to the OIE on the WAHIS system?

<REDACTED – OUT OF SCOPE>

“This is not an attempt to hide information: rather it states that the information given earlier in the response was also sent on to Defra as required,” [wrote the Scottish Government in a FOI review reply letter dated 2 February 2022](#). “This correspondence with Defra was not included in the original response as it was believed to include the same information, and was not directly relevant to the request”.

#### **Key documents:**

[Scottish Government FOI Review Response-202200271110 Covering Letter 2 February 2022](#)

[PDF #1: FHI reporting of ISA in Scotland in May 2021 to World Organisation for Animal Health](#)

[PDF #2: FHI Reporting 2020 to World Organization for Animal Health](#)

[PDF #3: Emails from Scottish Government & DEFRA on OIE reporting in May 2021](#)

[PDF #4: Emails from DEFRA & Scottish Government on OIE reporting in September & October 2021](#)

## Context:

The Scottish Government disclosed further information in relation to Infectious Salmon Anaemia (ISA) in Scotland on 2 February 2022 via FOI-2022-00271110. The information was disclosed to Scamon Scotland (formerly Scottish Salmon Watch) following a FOI review request filed on 7 January 2022. Scamon Scotland's review focused on the reporting of ISA to Defra "for onward reporting to the OIE" (World Organization for Animal Health):

For your information, positive results from samples as part of the aquatic animal health surveillance programme within Scotland are reported to Defra for onward reporting to the OIE on a regular basis. Those communications have not been considered as part of this response as they add no additional information to your request relating to Infectious Salmon Anaemia in Scottish salmon since 1 January 2013.

The [Freedom of Information reply from the Scottish Government dated 5 January 2022](#) detailed three cases of Infectious Salmon Anaemia (ISA) on Scottish salmon farms since 2013 – at Marine Harvest (Mowi) in Loch Greshornish on the Isle of Skye in 2014; at Scottish Sea Farms in Loch Spelve on the Isle of Mull in May 2021 and at Landcatch's Ormsary Broodstock Unit in Argyll in November 2021.

The [FOI disclosure \(FOI-2021-00259475\) dated 5 January 2020](#) included:

In addition, a further positive result (ISA HPR0) has been obtained from the Ormsary Broodstock Unit operated by Landcatch Natural Selection Ltd - case number 20210470. Case information has not yet been published as this is still in the course of completion. This will be published in due course in line with the Scottish Government publication plan concerning aquatic animal health surveillance, as referenced above. Relevant information to your request is extracted from our records as follows – site visit date - 1 November 2021; one positive result - ISAv Real Time QPCR was obtained and was confirmed as ISAv (HPR0) which is not subject to statutory control measures. The test result related to a pooled sample of three fish.

In both the Loch Spelve and Ormsary Broodstock Unit cases initial movement restrictions were placed on first suspicion and then revoked following the confirmation of the presence of ISA (HPR0), as opposed to the presence of ISAv (HPR-deleted). We have previously explained in significant detail the differences between ISAv – HPR0 and HPR-deleted strains and I would urge that the information provided to you through Fol 202100234467 is carefully considered as context with respect to this Fol response.

The above was reported via:

[Infectious Salmon Anaemia Reported at Landcatch's Ormsary Hatchery in November – was ISA imported via infected salmon eggs \(ova\) from Iceland?](#)  
[Front Page Splash on ISA at Landcatch in the Argyllshire Advertiser!](#)

[FOI-2021-00234467](#) disclosed by the Scottish Government in October 2021 [revealed that 7% of Scottish farmed salmon sampled between 2002 and 2012 tested positive for Infectious Salmon Anaemia \(396 ISA positives out of 5,395 samples\).](#)

Scottish Salmon Watch [reported in August 2021 that Norwegian-owned Scottish Sea Farms had tested positive for ISA in Loch Spelve following a Scottish Government inspection in May 2021.](#)

This was reported via:

[Top story on Intrafish reports on ISA at Scottish Sea Farms!](#)

["Activist challenged over claim about fish virus" \(Fish Farming Expert\)](#)

[Breaking News: ISA reported at RSPCA Assured Scottish Sea Farms on the Isle of Mull](#)

[Damning Disease Report for RSPCA Assured Scottish Sea Farms in Loch Spelve](#)

[Letter to Scottish Ministers re. ISA in Scottish Salmon](#)

[Media Backgrounder: Scottish Salmon's Recurring ISA Nightmare](#)

[Media Backgrounder: Norway's Infectious Salmon Aquaculture – Going Global Since 1984!](#)

Read more via:

[It's Official: Infectious Salmon Anaemia in Scottish Salmon - ISA reported to the World Organization for Animal Health for the first time since 2012!](#)



**Information disclosed via FOI-2022-00271110 by the Scottish Government on 2 February 2022:**

From: [casehandling.service@gov.scot](mailto:casehandling.service@gov.scot)

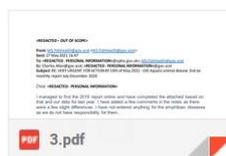
Date: Wed, Feb 2, 2022 at 11:37 AM

Subject: Your recent correspondence with Scottish Government and partner agencies - 202200271110

To: [salmonfarmingkills@gmail.com](mailto:salmonfarmingkills@gmail.com)

Please find attached a response to your correspondence.

#### 5 Attachments



Here's the [Scottish Government's covering letter dated 2 February 2022](#):

marinescotland



Scottish Government  
Riaghaltas na h-Alba  
gov.scot

T : Homeworking  
E : coby.needle@gov.scot

Don Staniford  
Scottish Salmon Watch  
salmonfarmingkills@gmail.com

Your ref: 202100259475  
Our ref: FOI review request re: 202100259475  
2 February 2022

Dear Don Staniford,

Further to my letter of 12 January 2022, I have now completed my review (EIR: 202200271110) of our response to your request under the Environmental Information (Scotland) Regulations 2004 (EIRs) for further information on Infectious Salmon Anaemia in Scottish salmon since 1 January 2013 (EIR: 202100259475).

I have concluded that the original decision should be confirmed, with modifications.

#### Your request

You referred to your previous request (EIR: 202100259475) which asked for:  
"Please provide information including raw test results, emails, letters, photos and any other data on ISA in Scottish salmon since 1 January 2013. Please include any correspondence with the World Organization for Animal Health (OIE), EFTA, DEFRA, salmon farming companies and any other parties in relation to ISA in farmed salmon since 1 January 2013 (above and beyond any information which is contained via <https://www.gov.scot/collections/publication-of-fish-health-inspectorate-information/>)."

You asked further:

"Hence please provide the FULL information requested. The refusal to include the full information is baseless and a clear breach of FOI disclosure rules. Please therefore provide ALL the information requested on 2 December 2021."

Marine Laboratory, 375 Victoria Road,  
Aberdeen AB11 9DB  
[www.gov.scot/marinescotland](http://www.gov.scot/marinescotland)



Accredited  
Until 2020



## Response to your review request

I have met with the original respondent and discussed the original response and your request for a review. I have considered the information available to the original respondent, and asked further for additional correspondence with Defra that was not available at the time of the original response.

My conclusion is that the original response did include all the relevant information that was requested and that Scottish Government holds. In addition, I make the following notes:

1. The original response stated: "For your information, positive results from samples as part of the aquatic animal health surveillance programme within Scotland are reported to Defra for onward reporting to the OIE on a regular basis. Those communications have not been considered as part of this response as they add no additional information to your request relating to Infectious Salmon Anaemia in Scottish salmon since 1 January 2013." This is not an attempt to hide information: rather, it states that the information given earlier in the response was also sent on to Defra as required. This correspondence with Defra was not included in the original response as it was believed to include the same information, and was not directly relevant to the request.

That correspondence has now been provided to me, and I am satisfied that it relates only to the information already given in the original response, in previous responses, or in the public domain. Specifically, the correspondence pertains mostly to the practicalities of completing the OIE reports.

There is also a summary of the number of samples collected and the measures which are in place with respect to surveillance and control if detected, along with a report of one case of ISA HPR-0 for the period January to June 2021. This information is publicly available through a number of sources, and has already been provided to you under previous requests. It is my view that these emails do not add anything to the information already provided to you. However, these emails are correspondence with Defra, as asked for in your original request. Therefore, I have included copies of these with my response here.

An exception under regulation 11(2) of the EIRs (personal information) applies to a small amount of the information requested because it is personal data (names and contact details) of a third party and disclosing it would contravene the data protection principles in Article 5(1) of the General Data Protection Regulation and in section 34(1) of the Data Protection Act 2018. This exception is not subject to the 'public interest test', so we are not required to consider if the public interest in disclosing the information outweighs the public interest in applying the exception.

2. The section entitled "An exception applies" could have led to some confusion. There are two strains of ISA, HPR-0 and HPR-deleted, and only the latter is reportable. The original response on exceptions was meant to cover the HPR-deleted strain, on the basis that there have been no observed cases of the HPR-deleted strain since 1 January 2013 and therefore the Scottish Government has no information to provide. However, the first part of the original response details two cases of the HPR-0 strain and gives full information for those, so the application of the exception may have been confusing, and for this we apologise. To clarify: I believe that full disclosure of information has been provided for ISA HPR-0 cases since 1 January 2013, once the Defra emails are included, and that no disclosure of information about any HPR-deleted strain cases is required because there were none.

## Your right to request an appeal of this review

If you are unhappy with the outcome of this review you have the right to appeal to the Scottish Information Commissioner about our decision within 6 months of receiving this letter. Information on how to make an appeal, along with an application form, is available on the Commissioner's website at:

<https://www.itspublicknowledge.info/YourRights/Unhappywiththeresponse/AppealingtoCommissioner.aspx>.

You can also contact the Commissioner:  
 The Scottish Information Commissioner  
 Kinburn Castle  
 Doubledykes Road  
 St Andrews  
 Fife  
 KY16 9DS

Yours sincerely

Coby Needle  
 MSS : Fisheries Assessment and Advice

**PDF #1:**

This is a 3-page PDF which is [understood to be how the World Organization for Animal Health collects and collates data on diseases:](#)

SIX-MONTHLY REPORT ON THE NOTIFICATION OF OIE-LISTED AQUATIC ANIMAL DISEASES AND INFECTIONS

1. Report date:	15/09/2021	2. Reporting period:	Year	2021	Semester	<input checked="" type="checkbox"/> January - June <input type="checkbox"/> July - December	3. Country:	SCOTLAND
4. Name of the sender:	<REDACTED – PERSONAL INFORMATION>		5. Position of the sender:	FISH HEALTH INSPECTORATE TECHNICAL MANAGER				

Fish

<REDACTED – OUT OF SCOPE>

Infectious salmon anaemia virus (Inf. with) (HPR-deleted or HPRO genotypes)

<p><b>6. Occurrence code</b></p> <p><b>Farmed fish</b></p> <input type="checkbox"/> Disease present <input type="checkbox"/> Disease limited to one or more zones <input type="checkbox"/> Infection/infestation <input checked="" type="checkbox"/> Infection/infestation limited to one or more zones <input type="checkbox"/> Disease absent <b>Date of last occurrence:</b> 08/05/2017 <input type="checkbox"/> Date unknown <input type="checkbox"/> Disease suspected <input type="checkbox"/> Disease suspected but not confirmed and limited to one or more zones <input type="checkbox"/> No information <input type="checkbox"/> Never reported <p><b>Wild fish</b></p> <input type="checkbox"/> Disease present <input type="checkbox"/> Disease limited to one or more zones <input type="checkbox"/> Infection/infestation <input type="checkbox"/> Infection/infestation limited to one or more zones <input checked="" type="checkbox"/> Disease absent <b>Date of last occurrence:</b> 08/05/2017 <input type="checkbox"/> Date unknown <input type="checkbox"/> Disease suspected <input type="checkbox"/> Disease suspected but not confirmed and limited to one or more zones <input type="checkbox"/> No information <input type="checkbox"/> Never reported	<p><b>8. Preventive and control measures</b></p> <p><b>Preventive and control measures</b></p> <p><b>Species</b></p> <p>Farmed fish</p> <p>Wild fish</p> <p><small>*If known, please copy one of the following options: Conjugated DNA, Inactivated, Live attenuated, Recombinant, Vector, Subunit and paste it into the corresponding field for a given species.</small></p> <p><input type="checkbox"/> Compartmentalisation  <input type="checkbox"/> Control of wildlife reservoirs  <input checked="" type="checkbox"/> Disease notification  <input checked="" type="checkbox"/> General surveillance  <input type="checkbox"/> Killing for commercial or own use  <input type="checkbox"/> Inactivation of agent  <input type="checkbox"/> Monitoring  <input checked="" type="checkbox"/> Movement control inside the country  <input checked="" type="checkbox"/> Precautions at the borders  <input type="checkbox"/> Screening  <input type="checkbox"/> Selective killing and disposal  <input type="checkbox"/> Stamping out  <input type="checkbox"/> Targeted surveillance  <input type="checkbox"/> <b>Number of samples collected</b>  <input checked="" type="checkbox"/> Vaccination prohibited  <input type="checkbox"/> Vaccination  <input type="checkbox"/> Zoning  <input type="checkbox"/> Official vaccination</p> <p><b>Vaccine Type *</b></p> <p><b>Number of animals vaccinated</b></p> <p>OR</p> <p><b>Vaccination coverage (1 to 100%)</b></p>
<p>7. <b>Note for Farmed fish</b> (max. 1024 characters) Targeted surveillance interpreted as scheduled, risk-based, physical inspections of farms with diagnostic samples collected as appropriate. Targeted surveillance maintained for HPR deleted, HPRO would only be detected at diagnostic test. 1 case of HPRO in semester, <b>Disease (HPR-deleted) absent, infection (HPR-O) limited.</b></p> <p><b>Note for Wild fish</b> (max. 1024 characters) HPR deleted only identified in fish in close association with clinical outbreaks in farmed fish. Neither HPR 0 nor HPR deleted detected in reporting semester</p>	

<REDACTED – OUT OF SCOPE>

#7 states: “Note for Farmed fish (max. 1024 characters) Targeted surveillance interpreted as scheduled, risk-based, physical inspections of farms with diagnostic samples collected as

appropriate. Targeted surveillance maintained for HPR deleted, HPR0 would only be detected at diagnostic test. 1 case of HPR0 in semester. Disease (HPR-deleted) absent, infection (HPR-0) limited.

Note for Wild fish (max. 1024 characters) HPR deleted only identified in fish in close association with clinical outbreaks in farmed fish. Neither HPR 0 nor HPR deleted detected in reporting semester.”

The report for Scotland dated 15 September 2021 (filled out by the Fish Health Inspectorate’s ‘Technical Manager’ – named redacted) detailed one new outbreak of ISA in the 5<sup>th</sup> month of 2021 (i.e. May) with 369,195 ‘susceptible’ farmed Atlantic salmon with no deaths reported; zero killed and disposed of, zero killed for commercial or own use; and zero vaccinated in response to the outbreak(s).

Here’s a close up of the relevant information (download PDF for a better view [online here](#)):

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1. Report date:	15/09/2021	2. Reporting period:	Year	2021	Semester	<input checked="" type="checkbox"/> January - June
3. Country:	SCOTLAND					
4. Name of the sender:	<REDACTED – PERSONAL INFORMATION>					
5. Position of the sender:	FISH HEALTH INSPECTORATE TECHNICAL MANAGER					
Infectious salmon anaemia virus (Inf. with) (HPR-deleted or HPR0 genotypes)						
<b>6. Occurrence code</b>	<b>Farmed fish</b>			<b>Wild fish</b>		
<input type="checkbox"/> Disease present				<input type="checkbox"/> Disease present		
<input type="checkbox"/> Disease limited to one or more zones				<input type="checkbox"/> Disease limited to one or more zones		
<input type="checkbox"/> Infection/infestation				<input type="checkbox"/> Infection/infestation		
<input checked="" type="checkbox"/> Infection/infestation limited to one or more zones				<input type="checkbox"/> Infection/infestation limited to one or more zones		
<input checked="" type="checkbox"/> Disease absent	<b>Date of last occurrence:</b> <a href="#">08/05/2012</a>			<input checked="" type="checkbox"/> Disease absent	<b>Date of last occurrence:</b> <a href="#">08/05/2012</a>	

7. **Note for Farmed fish** (max. 1024 characters) Targeted surveillance interpreted as scheduled, risk-based, physical inspections of farms with diagnostic samples collected as appropriate. Targeted surveillance maintained for HPR deleted, HPR0 would only be detected at diagnostic test. 1 case of HPR0 in semester. **Disease (HPR-deleted) absent, infection (HPR-0) limited.**

**Note for Wild fish** (max. 1024 characters) HPR deleted only identified in fish in close association with clinical outbreaks in farmed fish. Neither HPR 0 nor HPR deleted detected in reporting semester

<REDACTED – OUT OF SCOPE>

8. Preventive and control measures

Preventive and control measures	Compartimentalisation	Control of wildlife reservoirs	Disease notification	General surveillance	Killing for commercial or own use	Inactivation of agent	Monitoring	Movement control inside the country	Precautions at the borders	Screening	Selective killing and disposal	Stamping out	Targeted surveillance	Number of samples collected	Vaccination prohibited	Zoning
Farmed fish	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Wild fish	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input checked="" type="checkbox"/>	<input type="checkbox"/>

\*If known, please copy one of the following options: Conjugated, DNA, Inactivated, Live attenuated, Recombinant, Vector, Subunit and paste it into the corresponding field for a given species.

Here's a close up of [Part 2 of the OIE \(World Organization for Animal Health\) notification form](#):

SIX-MONTHLY REPORT ON THE NOTIFICATION OF OIE-LISTED AQUATIC ANIMAL DISEASES AND INFECTIONS

Part 2. Quantitative information

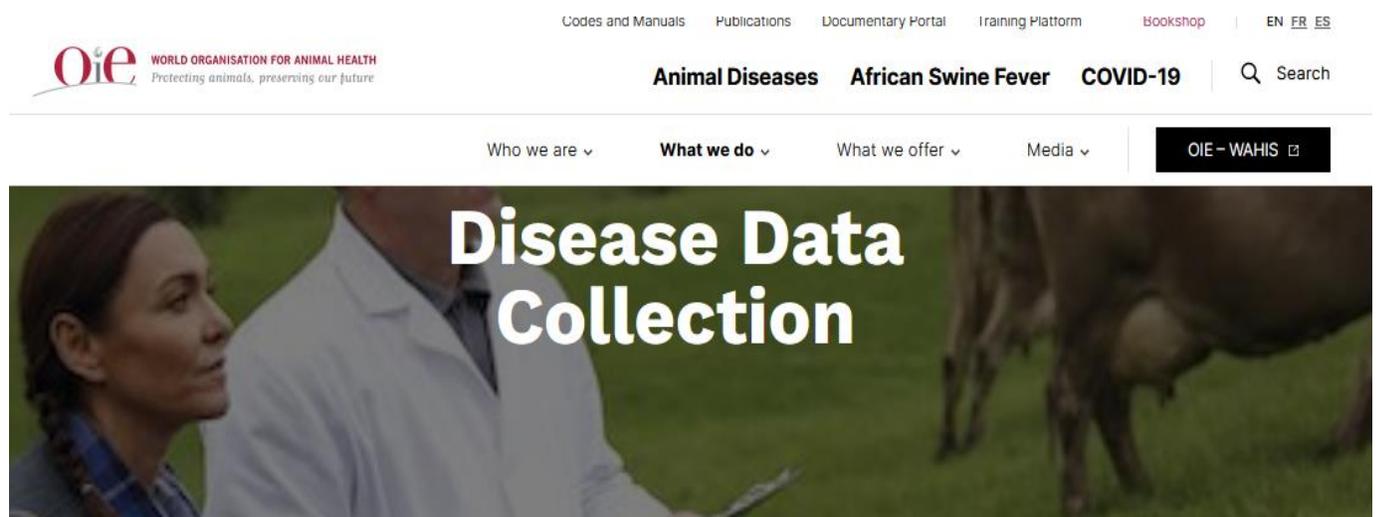
<b>1. Disease name</b>	Infectious salmon anaemia
------------------------	---------------------------

SCOTLAND    Atlantic salmon     Farmed fish    5<sup>th</sup> month

<b>4. Number of outbreaks</b>	
<b>New</b>	<b>Total</b>
1	1

<b>9. Total number of</b>					
Susceptible	Cases	Deaths	Killed and disposed of	Killed for commercial or own use	Vaccinated in response to the outbreak(s)
369,195	1	None reported	0	0	0

The OIE [explain on their web-site:](#)



The new OIE *World Animal Health Information System*, better known as [OIE-WAHIS](#) , is an internet-based computer system that processes data on animal diseases in real-time and then informs the international community. Access to this secure site is only available to authorised users, namely the Delegates of OIE Member Countries and their authorised representatives, who use OIE-WAHIS to notify the OIE of relevant animal disease information.

The system consists in two components:

- an early warning system to inform the international community, by means of “alert messages”, of relevant epidemiological events that occurred in OIE Member Countries, and
- a monitoring system in order to monitor OIE Listed diseases (presence or absence) over time

## The Monitoring system

Six-monthly Reports (terrestrial and aquatic animals) provide information on the presence or absence of diseases on the OIE List and the prevention and control measures applied. In 2009, a new possibility has been added to differentiate, when relevant, between domestic and wild species using different occurrence codes. This change was an important step forward to improve transparency and the knowledge of the animal health situation worldwide in domestic and wild species, without necessarily putting unjustified trade barriers against countries notifying diseases in wild animals only. For diseases reported as being present in a country/territory during a given six-month period, the country/territory in question must provide quantitative data on the number of outbreaks, susceptible animals, cases, deaths, animals destroyed and animals vaccinated. For diseases that are present and are notifiable in the country, the OIE recommends that countries provide quantitative data by month and by first administrative division. Countries/territories that so wish can enter their data in OIE-WAHIS each month during a given six-month period (i.e. without waiting until the end of the six-month period), thereby providing the international community with the most recent information on the diseases that are present and which Member Countries consider are the most important.

In this respect, Member Countries are given other options for entering information in OIE-WAHIS on diseases that are present: by month and for the whole country/territory, by first administrative level and for the entire six-month period, and by first administrative level for the whole country/territory. The choice of one or other of these options will depend on the national surveillance and monitoring systems in the country/territory in question and the type of information generated by these systems. These choices made by Countries and Territories will be reflected in the way the OIE-WAHIS interface is presented whenever a request for information is made.

**PDF #2:**

This is a 1-page PDF which is [understood to be how the World Organization for Animal Health collects and collates data on diseases:](#)

**SIX-MONTHLY REPORT ON THE NOTIFICATION OF OIE-LISTED AQUATIC ANIMAL DISEASES AND INFECTIONS**

1. Report date:	27/05/2021	2. Reporting period:	Year	2020	Semester	<input type="checkbox"/> January - June	<input checked="" type="checkbox"/> July - December	3. Country:	SCOTLAND
4. Name of the sender:	<REDACTED – PERSONAL INFORMATION>		5. Position of the sender:	FISH HEALTH INSPECTORATE TECHNICAL MANAGER					

<REDACTED - OUT OF SCOPE>

Infectious salmon anaemia virus (Inf. with) (HPR-deleted or HPR0 genotypes)

<p><b>6. Occurrence code</b></p> <p><b>Farmed fish</b></p> <p><input type="checkbox"/> Disease present</p> <p><input type="checkbox"/> Disease limited to one or more zones</p> <p><input type="checkbox"/> Infection/infestation</p> <p><input type="checkbox"/> Infection/infestation limited to one or more zones</p> <p><input checked="" type="checkbox"/> Disease absent      <b>Date of last occurrence:</b> <u>31/12/2009</u>      <input type="checkbox"/> Date unknown</p> <p><input type="checkbox"/> Disease suspected</p> <p><input type="checkbox"/> Disease suspected but not confirmed and limited to one or more zones</p> <p><input type="checkbox"/> No information</p> <p><input type="checkbox"/> Never reported</p> <p><b>Wild fish</b></p> <p><input type="checkbox"/> Disease present</p> <p><input type="checkbox"/> Disease limited to one or more zones</p> <p><input type="checkbox"/> Infection/infestation</p> <p><input type="checkbox"/> Infection/infestation limited to one or more zones</p> <p><input checked="" type="checkbox"/> Disease absent      <b>Date of last occurrence:</b> <u>dd/mm/yyyy</u>      <input checked="" type="checkbox"/> Date unknown</p> <p><input type="checkbox"/> Disease suspected</p> <p><input type="checkbox"/> Disease suspected but not confirmed and limited to one or more zones</p> <p><input type="checkbox"/> No information</p> <p><input type="checkbox"/> Never reported</p>
---

<b>8. Preventive and control measures</b>																
<b>Preventive and control measures</b>	Compartmentalisation	Control of wildlife reservoirs	Disease notification	General surveillance	Killing for commercial or own use	Inactivation of agent	Monitoring	Movement control inside the country	Precautions at the borders	Screening	Selective killing and disposal	Stamping out	Targeted surveillance	<b>Number of samples collected</b>	Vaccination prohibited	Zoning
<b>Species</b>																
Farmed fish	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Wild fish	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

\*If known, please copy one of the following options: *Conjugated, DNA, Inactivated, Live attenuated, Recombinant, Vector, Subunit* and paste it into the corresponding field for a given species.

**7. Note for Farmed fish** (max. 1024 characters) Date as per previous reports. This would be for HPR-deleted.

**Note for Wild fish** (max. 1024 characters)

<REDACTED – OUT OF SCOPE>

**PDF #3:**

<REDACTED – OUT OF SCOPE>

**From:** [MS.FishHealth@gov.scot](mailto:MS.FishHealth@gov.scot) <[MS.FishHealth@gov.scot](mailto:MS.FishHealth@gov.scot)>

**Sent:** 27 May 2021 16:47

**To:** <REDACTED - PERSONAL INFORMATION>@apha.gov.uk; [MS.FishHealth@gov.scot](mailto:MS.FishHealth@gov.scot)

**Cc:** Charles.Allan@gov.scot; <REDACTED - PERSONAL INFORMATION>@gov.scot

**Subject:** RE: VERY URGENT: FOR ACTION BY 19th of May 2021 - OIE Aquatic animal disease 2nd six monthly report July-December 2020

Dear <REDACTED - PERSONAL INFORMATION>

I managed to find the 2019 report online and have completed the attached based on that and our data for last year. I have added a few comments in the notes as there were a few slight differences. I have not entered anything for the amphibian diseases as we do not have responsibility for them.

I hope this is ok.

Regards

<REDACTED - PERSONAL INFORMATION>

Fish Health Inspectorate Technical Manager  
Marine Scotland - Science

Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

Tel: <REDACTED - PERSONAL INFORMATION>

S/B: <REDACTED - PERSONAL INFORMATION>

e: <REDACTED - PERSONAL INFORMATION>@gov.scot

w: <https://www.gov.scot/marine-and-fisheries/>

**From:** <REDACTED - PERSONAL INFORMATION>

**Sent:** 13 May 2021 18:44

**To:** <REDACTED - PERSONAL INFORMATION>@cefas.co.uk>; <REDACTED - PERSONAL INFORMATION>@apha.gov.uk>; Charles.Allan@scotland.gsi.gov.uk; <REDACTED - PERSONAL INFORMATION>@daera-ni.gov.uk>; <REDACTED - PERSONAL INFORMATION>@gov.je>; <REDACTED - PERSONAL INFORMATION>@gov.je>; <REDACTED - PERSONAL INFORMATION>@gov.je>; <REDACTED - PERSONAL INFORMATION>@gov.gg>; <REDACTED - PERSONAL INFORMATION>@gov.im>; <REDACTED - PERSONAL INFORMATION>@gov.im>; <REDACTED - PERSONAL INFORMATION> (Crowne Dependencies)@gov.im>; <REDACTED - PERSONAL INFORMATION> (DEFA) @gov.im>; <REDACTED - PERSONAL INFORMATION> (Cefas) <REDACTED - PERSONAL INFORMATION>@cefas.co.uk>; <REDACTED - PERSONAL INFORMATION>@defra.gov.uk>; <REDACTED - PERSONAL INFORMATION>@daera-ni.gov.uk>; <REDACTED - PERSONAL INFORMATION>@gov.gg

**Cc:** SM-Defra-AHW - ICU (FFG) (AHW.ICU@defra.gov.uk) <AHW.ICU@defra.gov.uk>

**Subject:** FOR ACTION BY 19th of May 2021 - OIE Aquatic animal disease 2nd six monthly report July-December 2020

Dear colleagues,

I hope this email find you well.

The Aquatic second six-monthly report of 2020 of OIE listed diseases for the period July-December 2020 is due to be submitted.

Please use the 12M report blank form provided (guidelines attached).

**Please provide your returns to me, copying this mailbox AHW.ICU@defra.gov.uk by no later than 16:00 hrs on Wednesday 19th May 2021. if you have any queries please don't hesitate to contact me.**

Those who have already sent me the information for the second semester please ignore this email.

As previously, we carry out exception reporting and where diseases are present.

We will only submit quantitative data for those that are notifiable throughout the whole of the UK.

**Step by step instructions:**

1. Check the diseases assigned to you in the attached last report.
2. If you are making no changes, please send us an early 'nil return' (no need to complete a form). It is your responsibility to ensure that incorrect presence/absence codes and control measures are not carried over to the next report so please contact us if in any doubt.
3. Attached are the OIE (Aquatic) 2021 guidelines (different than the ones on 2020) - please check the lists before completing the relevant template. We will appreciate that all information is complete in this template, including quantitative information.
4. Please complete the relevant template below only if you are reporting diseases which are present and notifiable (see additional notes at point 5 below about which template to use).
  - If reporting outbreaks by month, and you report them in certain months and not others, we will assume and submit '0' outbreaks for the months were you have not provided any quantitative data.
  - If reporting a disease you have not reported before please use the template 'by month and by administrative division'

Any questions, please don't hesitate to contact me.

Many thanks to all in advance

Regards,

<REDACTED - PERSONAL INFORMATION>

<REDACTED - PERSONAL INFORMATION> | **Animal and Plant Health and Welfare | Defra**

Telephone: <REDACTED - PERSONAL INFORMATION> | Email: <REDACTED - PERSONAL INFORMATION>@defra.gov.uk

Starcross VLA, Staplake Mount, Starcross, Exeter, Devon, EX68PE

Second Floor, Nobel House, 17 Smith Square, London SW1P 3JR

#### [PDF #4:](#)

[Note that the first email is missing a date as well as 'to' and 'from' – Scamon Scotland has asked the Scottish Government to provide the omitted information]

Thanks <REDACTED - PERSONAL INFORMATION>

The system permits only one presence code per disease, but it allows to provide quantitative data for each ISA genotype to be notified.

So in this case I will enter presence code **infection/infestation limited to one or more zones**, and I will enter the quantitative data for the HPR-0 strain as per your report.

Many thanks for your help

Kind regards

<REDACTED - PERSONAL INFORMATION>

<REDACTED - PERSONAL INFORMATION> | **Veterinary Trade Facilitation (VTF) | Global Animal Health | Animal and Plant Health & Welfare Directorate | Department for Environment, Food and Rural Affairs | Direct Line: <REDACTED - PERSONAL INFORMATION> | Mobile: <REDACTED - PERSONAL INFORMATION> | Email: <REDACTED - PERSONAL INFORMATION>@defra.gov.uk**

**From:** <REDACTED - PERSONAL INFORMATION>@gov.scot <<REDACTED - PERSONAL INFORMATION>@gov.scot>  
**Sent:** 25 October 2021 13:24  
**To:** <REDACTED - PERSONAL INFORMATION>@defra.gov.uk>  
**Cc:** Charles.Allan@gov.scot; SM-Defra-AHW - ICU (FFG) <[AHW.ICU@defra.gov.uk](mailto:AHW.ICU@defra.gov.uk)>  
**Subject:** RE: OFFICIAL SENSITIVE: FOR ACTION-OIE Aquatic animal disease 1st six monthly report January-June 2021

Hi <REDACTED - PERSONAL INFORMATION>

Apologies again for providing contradictory information. Will the system permit two selections here? The ISA section relates to both HPR-deleted strain which we would record as disease absent and HPR-0 strain which would be infection/infestation limited to one or more zones. If only one selection is allowed it would probably have to be the latter – infection/infestation limited to one or more zones.

Hope this clarifies it for you.

Regards

<REDACTED - PERSONAL INFORMATION>

Fish Health Inspectorate Technical Manager  
Marine Scotland - Science

Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

Tel: <REDACTED - PERSONAL INFORMATION>

S/B: <REDACTED - PERSONAL INFORMATION>

e: <REDACTED - PERSONAL INFORMATION>@gov.scot

w: <https://www.gov.scot/marine-and-fisheries/>

**From:** <REDACTED - PERSONAL INFORMATION>@defra.gov.uk>

**Sent:** 22 October 2021 19:58

**To:** <REDACTED - PERSONAL INFORMATION> (MARLAB) <<REDACTED - PERSONAL INFORMATION>@gov.scot>

**Cc:** Allan C (Charles) (MARLAB) <[Charles.Allan@gov.scot](mailto:Charles.Allan@gov.scot)>; SM-Defra-AHW - ICU (FFG) <[AHW.ICU@defra.gov.uk](mailto:AHW.ICU@defra.gov.uk)>

**Subject:** RE: OFFICIAL SENSITIVE: FOR ACTION-OIE Aquatic animal disease 1st six monthly report January-June 2021

Sorry <REDACTED - PERSONAL INFORMATION> but I have another question:

- Infectious salmon anaemia: on Part 1 of your return, Qualitative information, you have selected “**disease absent**” for both farmed and wild fish. However, on Part 2. Quantitative information, you have entered that there was an outbreak in May 2021. So I should change the presence code for farmed fish from “**disease absent**” to one of these two codes:
  - **Disease limited to one or more zones**: The disease is present with clinical signs and limited to one or more zones/compartments (in farmed species or aquatic wildlife)
  - **Infection limited to one or more zones**: Confirmed infection using diagnostic tests, but no clinical signs observed and limited to one or more zones/compartments (in farmed species or aquatic wildlife)

Could you please confirm which code would be most appropriate?

Many thanks

Kind regards

<REDACTED - PERSONAL INFORMATION>

<REDACTED - PERSONAL INFORMATION> | Veterinary Trade Facilitation (VTF) | Global Animal Health | Animal and Plant Health & Welfare Directorate | Department for Environment, Food and Rural Affairs | **Direct Line:** <REDACTED - PERSONAL INFORMATION> | **Mobile:** <REDACTED - PERSONAL INFORMATION> | **Email:** <REDACTED - PERSONAL INFORMATION>@defra.gov.uk

**From:** <REDACTED - PERSONAL INFORMATION>@gov.scot

**Sent:** 22 October 2021 13:58

**To:** <REDACTED - PERSONAL INFORMATION>@defra.gov.uk>

**Cc:** [Charles.Allan@gov.scot](mailto:Charles.Allan@gov.scot); SM-Defra-AHW - ICU (FFG) <[AHW.ICU@defra.gov.uk](mailto:AHW.ICU@defra.gov.uk)>

**Subject:** RE: OFFICIAL SENSITIVE: FOR ACTION-OIE Aquatic animal disease 1st six monthly report January-June 2021

Dear <REDACTED - PERSONAL INFORMATION>

Thanks for your e-mail, hopefully I can clarify the points for you:

ISA – the last known occurrence of ISA in Scotland was in 2009, however we did not declare absence until completion of the surveillance programme following re-stocking. 8 May 2012 is when we were officially recognised as free of ISA again.

<REDACTED - OUT OF SCOPE>

Please let me know if you need any more information.

Regards

<REDACTED - PERSONAL INFORMATION>

Fish Health Inspectorate Technical Manager  
Marine Scotland - Science

Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

Tel: <REDACTED - PERSONAL INFORMATION>  
S/B: <REDACTED - PERSONAL INFORMATION>  
e: <REDACTED - PERSONAL INFORMATION>@gov.scot  
w: <https://www.gov.scot/marine-and-fisheries/>

**From:** <REDACTED - PERSONAL INFORMATION>@defra.gov.uk>  
**Sent:** 22 October 2021 12:07  
**To:** <REDACTED - PERSONAL INFORMATION> (MARLAB) @gov.scot>  
**Cc:** Allan C (Charles) (MARLAB) <[Charles.Allan@gov.scot](mailto:Charles.Allan@gov.scot)>; SM-Defra-AHW - ICU (FFG) <[AHW.ICU@defra.gov.uk](mailto:AHW.ICU@defra.gov.uk)>  
**Subject:** RE: OFFICIAL SENSITIVE: FOR ACTION-OIE Aquatic animal disease 1st six monthly report January-June 2021

Dear <REDACTED - PERSONAL INFORMATION>

Sorry to chase you but would you please be able to send me a reply with clarification about the queries raised in my email below?  
I need to finalise the reports for the OIE either by the end of today or early next week so I would appreciate if you could clarify these issues as soon as you can.

Please note that I also have an additional query:

<REDACTED – OUT OF SCOPE>

Many thanks for your help  
Kind regards

<REDACTED - PERSONAL INFORMATION>

<REDACTED - PERSONAL INFORMATION> | Veterinary Trade Facilitation (VTF) | Global Animal Health | Animal and Plant Health & Welfare Directorate | Department for Environment, Food and Rural Affairs | **Direct Line:** <REDACTED - PERSONAL INFORMATION> | **Mobile:** <REDACTED - PERSONAL INFORMATION> | **Email:** <REDACTED - PERSONAL INFORMATION>@defra.gov.uk

**From:** <REDACTED - PERSONAL INFORMATION>  
**Sent:** 19 October 2021 17:27  
**To:** <REDACTED - PERSONAL INFORMATION>@gov.scot  
**Cc:** Charles.Allan@gov.scot; SM-Defra-AHW - ICU (FFG) <[AHW.ICU@defra.gov.uk](mailto:AHW.ICU@defra.gov.uk)>  
**Subject:** RE: OFFICIAL SENSITIVE: FOR ACTION-OIE Aquatic animal disease 1st six monthly report January-June 2021

Dear <REDACTED - PERSONAL INFORMATION>

Thank you for your return on aquatic diseases for Scotland.  
I am in the process of finalising the reports and I have a few queries regarding your return. I would be really grateful if you could clarify them for me please:

- Infectious salmon anaemia virus: on the WAHIS system it says that the date of last occurrence in farmed fish was the 31/12/2009, but in your return it says it was the 8/05/2012. Was there an outbreak in May 2012 that was never reported to the OIE on the WAHIS system?

<REDACTED – OUT OF SCOPE>

Many thanks for your help

Kind regards

<REDACTED - PERSONAL INFORMATION>

<REDACTED - PERSONAL INFORMATION> Veterinary Trade Facilitation (VTF) | Global Animal Health | Animal and Plant Health & Welfare Directorate | Department for Environment, Food and Rural Affairs | **Direct Line:** <REDACTED - PERSONAL INFORMATION> | **Mobile:** <REDACTED - PERSONAL INFORMATION> | **Email:** <REDACTED - PERSONAL INFORMATION>@defra.gov.uk

**From:** <REDACTED - PERSONAL INFORMATION>@gov.scot <<REDACTED - PERSONAL INFORMATION>@gov.scot>

**Sent:** 22 September 2021 13:24

**To:** <REDACTED - PERSONAL INFORMATION>@defra.gov.uk>

**Cc:** Charles.Allan@gov.scot; SM-Defra-AHW - ICU (FFG) <AHW.ICU@defra.gov.uk>

**Subject:** RE: OFFICIAL SENSITIVE: FOR ACTION-OIE Aquatic animal disease 1st six monthly report January-June 2021

Dear <REDACTED - PERSONAL INFORMATION>

Please see attached completed report template for Marine Scotland for semester 1 2021. I am on leave, but I believe Charles is around today and tomorrow morning if there are any queries.

Regards

<REDACTED - PERSONAL INFORMATION>

Fish Health Inspectorate Technical Manager  
Marine Scotland - Science

Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

Tel: <REDACTED - PERSONAL INFORMATION>

S/B: <REDACTED - PERSONAL INFORMATION>

e: <REDACTED - PERSONAL INFORMATION>@gov.scot

w: <https://www.gov.scot/marine-and-fisheries/>

<REDACTED – OUT OF SCOPE>

**From:** <REDACTED - PERSONAL INFORMATION>@defra.gov.uk>

**Sent:** 09 September 2021 16:40

**To:** <REDACTED - PERSONAL INFORMATION> (Cefas <<REDACTED - PERSONAL INFORMATION>@cefas.co.uk>; <REDACTED - PERSONAL INFORMATION>@apha.gov.uk>; Allan C (Charles) (MARLAB) <Charles.Allan@gov.scot>; <REDACTED - PERSONAL INFORMATION> (MARLAB)@gov.scot>; <REDACTED - PERSONAL INFORMATION>@daera-ni.gov.uk>; <REDACTED -

PERSONAL INFORMATION>@gov.je>; <REDACTED - PERSONAL INFORMATION>@gov.je>;  
<REDACTED - PERSONAL INFORMATION>@gov.je>; <REDACTED - PERSONAL  
INFORMATION>(Crowne Dependencies) <<REDACTED - PERSONAL INFORMATION>@gov.gg>;  
<REDACTED - PERSONAL INFORMATION>@gov.im>; <REDACTED - PERSONAL INFORMATION>  
>@gov.im>; <REDACTED - PERSONAL INFORMATION>@gov.im>; <REDACTED - PERSONAL  
INFORMATION> (DEFA <<REDACTED - PERSONAL INFORMATION>@gov.im>; <REDACTED -  
PERSONAL INFORMATION> (CEFAS)@cefass.co.uk>; <REDACTED - PERSONAL  
INFORMATION>@defra.gov.uk>; <REDACTED - PERSONAL INFORMATION>@daera-ni.gov.uk>;  
<REDACTED - PERSONAL INFORMATION> <@gov.gg>; MS FishHealth <MS.FishHealth@gov.scot>;  
<REDACTED - PERSONAL INFORMATION>@gov.gg>; Inspectorate, Fish Health (CEFAS)  
<Fish.Health.Inspectorate@cefass.co.uk>

Cc: SM-Defra-AHW - ICU (FFG) <AHW.ICU@defra.gov.uk>; <REDACTED - PERSONAL  
INFORMATION>@defra.gov.uk>

**Subject:** OFFICIAL SENSITIVE: FOR ACTION-OIE Aquatic animal disease 1st six monthly report  
January-June 2021

Dear colleagues,

I hope this email find you well.

The Aquatic first six-monthly report of 2021 of OIE listed diseases for the period January-June 2021 is due to be submitted.

**Please provide your returns to me, copying the mailbox [AHW.ICU@defra.gov.uk](mailto:AHW.ICU@defra.gov.uk) by close of play 24<sup>th</sup> September 2021.**

I would be grateful if the data leads could liaise separately with their sources to commission their returns.

#### **Step by step instructions:**

1. Please use the 6M report template form provided (guidelines also attached). The 6M report form has two sections, Part 1 for the Qualitative information, and Part 2 for the Quantitative information.
2. The Part 1: Qualitative Information must be completed for all OIE-listed aquatic animal diseases and infections. The data related to occurrence codes and preventive and control measures are automatically transferred from the previous submitted six-monthly report to ensure continuity of data reporting.  
If you are making no changes to the qualitative information, please send us a 'nil return' (no need to complete the Part 1 form). However, if there are changes to the occurrence codes and the preventive and control measures please complete the Part 1 and let me have a short explanation for the change.

**It is your responsibility to ensure that incorrect presence/absence codes and control measures are not carried over to the next report so please contact me if in any doubt.**

For ease, I attach a copy of the previous submitted six monthly report ( Second semester: July-December 2020)

3. Please complete the Part 2 : Quantitative information of the template for diseases which are present and notifiable throughout the whole of the UK:

- If reporting outbreaks by month, and you report them in certain months and not others, we will assume and submit '0' outbreaks for the months were you have not provided any quantitative data.
- If reporting a disease you have not reported before please use the template 'by month and by administrative division'

Please do not hesitate to contact me if you have any questions.

Many thanks to all in advance  
Kind regards

<REDACTED - PERSONAL INFORMATION> | Veterinary Trade Facilitation (VTF) | Global Animal Health | Animal and Plant Health & Welfare Directorate | Department for Environment, Food and Rural Affairs | Direct Line: <REDACTED - PERSONAL INFORMATION> | Mobile: <REDACTED - PERSONAL INFORMATION> | Email: <REDACTED - PERSONAL INFORMATION>@defra.gov.uk

### Appendix:

Scottish Salmon Watch filed a FOI request with the Scottish Government on 2 December 2021:

From: **Don Staniford** <[salmonfarmingkills@gmail.com](mailto:salmonfarmingkills@gmail.com)>  
Date: Thu, Dec 2, 2021 at 6:04 AM  
Subject: FOI re. ISA in Scottish salmon since 1 January 2013  
To: <CEU@gov.scot>  
Cc: <Neil.Purvis@gov.scot>

Further to FOI/202100234467 replied to by the Scottish Government on 1 October 2021 and [published online on 1 November 2021](#), please provide information on Infectious Salmon Anaemia in Scottish salmon since 1 January 2013.

As context, the Scottish Government's reply via FOI/202100234467 on 1 October 2021 included:

Sample information is provided to you in the attached spreadsheet, as per your request at parts 2 and 5. This includes the number of positive and negative results for ISA across all sites, currently registered as farming Atlantic salmon, for the period 01/01/2002 through to 31/12/2012. Data from 01/01/13 onwards is actively published on the Scottish Government website and is contained within the aquatic animal health surveillance information from obtained through inspections undertaken by the Scottish Government's Fish Health Inspectorate:  
<https://www.gov.scot/collections/publication-of-fish-health-inspectorate-information/>

Please provide information for 2013 to 2021 in the same format as the Excel spreadsheet detailing ISA tests and results for 2002 to 2012 via [FOI - 202100234467 - Information Released - Annex](#)

If this information is not available in the same format please provide site specific details of ISA positive cases since 1 January 2013. Please provide information including raw test results, emails, letters, photos and any other data on ISA in Scottish salmon since 1 January 2013.

Please include any correspondence with the World Organization for Animal Health (OIE), EFTA, DEFRA, salmon farming companies and any other parties in relation to ISA in farmed salmon since 1 January 2013 (above and beyond any information which is contained via <https://www.gov.scot/collections/publication-of-fish-health-inspectorate-information/>).

Please consider this an official request for information under the relevant FOI and Environmental Information regulations.

Please provide the information electronically.

Please provide a receipt for this FOI request.

Thanks,

Don Staniford

Director, Scottish Salmon Watch

A [FOI reply from the Scottish Government dated 5 January 2022](#) included:

To facilitate you with searching published information I can advise you that two published cases have returned positive results for ISAv throughout the time period of your request. Further details are provided as follows:

1. Case number 20140560 relating to the site Loch Greshornish operated by Marine Harvest at the time of the inspection in 2014. A positive result for ISAv was obtained through diagnostic and statutory sampling. On both occasions insufficient product was present to allow sequencing and confirm any virus strain associated with this result. Consequently the presence of ISAv was ruled out as the results of sampling did not meet the official criteria to confirm the presence of the pathogen. Movement restrictions placed on suspicion at Loch Greshornish and three further sites (Ardintoul, Loch Duich and Torridon) which had epidemiological connections were revoked. Although the result was considered negative, in this situation the company undertook a commercial decision to depopulate the site at that time.

2. Case number 20210132 relating to Loch Spelve (B) operated by Scottish Sea Farms Ltd. Details concerning this case, including the confirmation of ISA HPR0 have been explained previously through Fol 202100234467.

In addition, a further positive result (ISA HPR0) has been obtained from the Ormsary Broodstock Unit operated by Landcatch Natural Selection Ltd - case number 20210470. Case information has not yet been published as this is still in the course of completion. This will be published in due course in line with the Scottish Government publication plan concerning aquatic animal health surveillance, as referenced above. Relevant information to your request is extracted from our records as follows – site visit date - 1 November 2021; one positive result - ISAv Real Time QPCR was obtained and was confirmed as ISAv (HPR0) which is not subject to statutory control measures. The test result related to a pooled sample of three fish.

In both the Loch Spelve and Ormsary Broodstock Unit cases initial movement restrictions were placed on first suspicion and then revoked following the confirmation of the presence of ISA (HPR0), as opposed to the presence of ISAv (HPR-deleted). We have previously explained in significant detail the differences between ISAv – HPR0 and HPR-deleted strains and I would urge that the information provided to you through Fol 202100234467 is carefully considered as context with respect to this Fol response.

The majority of the information provided above is already available through the publication of case information and / or previous Fol responses – both references provided. Where information is already available, it is provided to you as a matter of courtesy. Information which is not publicly available has been extracted and provided above.

For your information, positive results from samples as part of the aquatic animal health surveillance programme within Scotland are reported to Defra for onward reporting to the OIE on a regular basis. Those communications have not been considered as part of this response as they add no additional information to your request relating to Infectious Salmon Anaemia in Scottish salmon since 1 January 2013.

Scottish Salmon Watch filed a FOI review request on 7 January 2022:

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

Date: Fri, Jan 7, 2022 at 2:54 PM

Subject: FOI review request re: 202100259475

To: <directormarinescotland@gov.scot>

Please consider this a formal request for a review of FOI- 2021-00259475.

The Scottish Government's FOI reply dated 5 January 2022 (attached) refused to disclose correspondence with Defra for onward reporting to the OiE; namely:

For your information, positive results from samples as part of the aquatic animal health surveillance programme within Scotland are reported to Defra for onward reporting to the OiE on a regular basis. Those communications have not been considered as part of this response as they add no additional information to your request relating to Infectious Salmon Anaemia in Scottish salmon since 1 January 2013.

My FOI request dated 2 December 2021 specifically asked for:

"Please provide information including raw test results, emails, letters, photos and any other data on ISA in Scottish salmon since 1 January 2013. Please include any correspondence with the World Organization for Animal Health (OIE), EFTA, DEFRA, salmon farming companies and any other parties in relation to ISA in farmed salmon since 1 January 2013 (above and beyond any information which is contained via <https://www.gov.scot/collections/publication-of-fish-health-inspectorate-information/>)".

Hence please provide the FULL information requested. The refusal to include the full information is baseless and a clear breach of FOI disclosure rules.

Please therefore provide ALL the information requested on 2 December 2021.

Thanks.

Please provide a receipt for this FOI request.

Don Staniford

Director, Scottish Salmon Watch