

**Mortality Event Report**

Mortality Event ID	MRT00613	
Site Name:	Pegal Bay	
Site No:	FS0031	
Start date of mortality:		05/03/2018
Period of mortality:	Weekly	
Percentage mortality:	1.15	
Explained/unexplained:	Explained	
Reason (if explained):	Treatment	
Business Name:	Cooke Aquaculture Scotland Ltd	
Business Number:	FB0095	
Species:	SAL	
Water Type:	S	
Weight (site average):	<750g	
Weight (affected population average):	~500g	
Age:	2017 S0	
Estimated number of fish lost:		5356
Additional information:	Freshwater treatment	
MS action:	FHI to monitor.	

**Mortality Event Report**

Mortality Event ID	MRT00638	
Site Name:	Uyea Isle	
Site No:	FS0382	
Start date of mortality:		16/04/2018
Period of mortality:	Weekly	
Percentage mortality:	1.02	
Explained/unexplained:	Explained	
Reason (if explained):	CMS	
Business Name:	Cooke Aquaculture Scotland Ltd	
Business Number:	FB0095	
Species:	SAL	
Water Type:	SW	
Weight (site average):	≥750g	
Weight (affected population average):	~5kg	
Age:	S0 2016	
Estimated number of fish lost:		1062
Additional information:	Site due to harvest by week 21	
MS action:	No further action - site fallow wk 21	

**Mortality Event Report**

Mortality Event ID	MRT00639	
Site Name:	Uyea Isle	
Site No:	FS0382	
Start date of mortality:		30/04/2018
Period of mortality:	Weekly	
Percentage mortality:	1.65	
Explained/unexplained:	Explained	
Reason (if explained):	CMS	
Business Name:	Cooke Aquaculture Scotland Ltd	
Business Number:	FB0095	
Species:	SAL	
Water Type:	SW	
Weight (site average):	≥750g	
Weight (affected population average):	~5kg	
Age:	S0 2016	
Estimated number of fish lost:		1197
Additional information:	Site due to harvest by week 21	
MS action:	No further action - site fallow wk 21	

**Mortality Event Report**

Mortality Event ID	MRT00640	
Site Name:	Uyea Isle	
Site No:	FS0382	
Start date of mortality:		14/05/2018
Period of mortality:	Weekly	
Percentage mortality:	1.89	
Explained/unexplained:	Explained	
Reason (if explained):	CMS	
Business Name:	Cooke Aquaculture Scotland Ltd	
Business Number:	FB0095	
Species:	SAL	
Water Type:	SW	
Weight (site average):	≥750g	
Weight (affected population average):	~5kg	
Age:	S0 2016	
Estimated number of fish lost:		785
Additional information:	Site due to harvest by week 21	
MS action:	No further action - site fallow wk 21	

**Mortality Event Report**

Mortality Event ID	MRT00635
Site Name:	Lochmaddy
Site No:	FS0853
Start date of mortality:	30/04/2018
Period of mortality:	Weekly
Percentage mortality:	1.1
Explained/unexplained:	Explained
Reason (if explained):	PD
Business Name:	Loch Duart Ltd
Business Number:	FB0398
Species:	SAL
Water Type:	SW
Weight (site average):	>750
Weight (affected population average):	3.0 Kg
Age:	S1 2017
Estimated number of fish lost:	4255
Additional information:	SAV 4 confirmed by vet. Fish being harvested.
MS action:	Inspector visited site on 06/06/18 (Case 2018-0219). Mortality levels had since dropped to 0.32%, diagnostic samples taken as some lethargic fish were observed on site.

**Mortality Event Report**

Mortality Event ID	MRT00663
Site Name:	Lochmaddy
Site No:	FS0853
Start date of mortality:	07/05/2018
Period of mortality:	Weekly
Percentage mortality:	1.76
Explained/unexplained:	Explained
Reason (if explained):	PD
Business Name:	Loch Duart Ltd
Business Number:	FB0398
Species:	SAL
Water Type:	SW
Weight (site average):	≥750g
Weight (affected population average):	3kg
Age:	S1 2017
Estimated number of fish lost:	6707
Additional information:	Vets have attended site, fish have been graded and mortality has dropped.
MS action:	Inspected site on 06/06/2018 following initial MRT report for w/b 30/04/18. Diagnostic samples taken.

**Mortality Event Report**

Mortality Event ID	MRT00664
Site Name:	Lochmaddy
Site No:	FS0853
Start date of mortality:	21/05/2018
Period of mortality:	Weekly
Percentage mortality:	1.09
Explained/unexplained:	Explained
Reason (if explained):	PD
Business Name:	Loch Duart Ltd
Business Number:	FB0398
Species:	SAL
Water Type:	SW
Weight (site average):	≥750g
Weight (affected population average):	3kg
Age:	S1 2017
Estimated number of fish lost:	3664
Additional information:	Vets have attended site, fish have been graded and mortality has dropped.
MS action:	Inspected site on 06/06/2018 following initial MRT report for w/b 30/04/18. Diagnostic samples taken.

**Mortality Event Report**

Mortality Event ID	MRT00641
Site Name:	Sandwick
Site No:	FS0710
Start date of mortality:	23/04/2018
Period of mortality:	Weekly
Percentage mortality:	3.5
Explained/unexplained:	Explained
Reason (if explained):	Algae
Business Name:	Cooke Aquaculture Scotland Ltd
Business Number:	FB0095
Species:	SAL
Water Type:	SW
Weight (site average):	≥750g
Weight (affected population average):	~3.8kg
Age:	s1 2017
Estimated number of fish lost:	10517
Additional information:	Mortality decreasing following algal bloom
MS action:	No further action - mortalities decreasing

**Mortality Event Report**

Mortality Event ID	MRT00642	
Site Name:	Sandwick	
Site No:	FS0710	
Start date of mortality:		30/04/2018
Period of mortality:	Weekly	
Percentage mortality:	2.37	
Explained/unexplained:	Explained	
Reason (if explained):	Algae	
Business Name:	Cooke Aquaculture Scotland Ltd	
Business Number:	FB0095	
Species:	SAL	
Water Type:	SW	
Weight (site average):	≥750g	
Weight (affected population average):	~3.8kg	
Age:	s1 2017	
Estimated number of fish lost:		6859
Additional information:	Mortality decreasing following algal bloom	
MS action:	No further action - mortalities decreasing	

## Mortality Event Report

Mortality Event ID	MRT00643	
Site Name:	Sandwick	
Site No:	FS0710	
Start date of mortality:		14/05/2018
Period of mortality:	Weekly	
Percentage mortality:	1.22	
Explained/unexplained:	Explained	
Reason (if explained):	Algae	
Business Name:	Cooke Aquaculture Scotland Ltd	
Business Number:	FB0095	
Species:	SAL	
Water Type:	SW	
Weight (site average):	≥750g	
Weight (affected population average):	~3.8kg	
Age:	s1 2017	
Estimated number of fish lost:		2937
Additional information:	Mortality decreasing following algal bloom	
MS action:	No further action - mortalities decreasing	

## Mortality Event Report

Mortality Event ID	MRT00644	
Site Name:	Djubawick	
Site No:	FS0656	
Start date of mortality:		23/04/2018
Period of mortality:	Weekly	
Percentage mortality:	3.53	
Explained/unexplained:	Explained	
Reason (if explained):	Algae	
Business Name:	Cooke Aquaculture Scotland Ltd	
Business Number:	FB0095	
Species:	SAL	
Water Type:	SW	
Weight (site average):	≥750g	
Weight (affected population average):	~3.5kg	
Age:	s1 2017	
Estimated number of fish lost:		10475
Additional information:	Mortality decreasing following algal bloom	
MS action:	No further action - mortalities decreasing	

**Mortality Event Report**

Mortality Event ID	MRT00645	
Site Name:	Djubawick	
Site No:	FS0656	
Start date of mortality:		30/04/2018
Period of mortality:	Weekly	
Percentage mortality:	2.17	
Explained/unexplained:	Explained	
Reason (if explained):	Algae	
Business Name:	Cooke Aquaculture Scotland Ltd	
Business Number:	FB0095	
Species:	SAL	
Water Type:	SW	
Weight (site average):	≥750g	
Weight (affected population average):	~3.5kg	
Age:	s1 2017	
Estimated number of fish lost:		6204
Additional information:	Mortality decreasing following algal bloom	
MS action:	No further action - mortalities decreasing	

**Mortality Event Report**

Mortality Event ID	MRT00646	
Site Name:	Djubawick	
Site No:	FS0656	
Start date of mortality:		07/05/2018
Period of mortality:	Weekly	
Percentage mortality:	1.81	
Explained/unexplained:	Explained	
Reason (if explained):	Algae	
Business Name:	Cooke Aquaculture Scotland Ltd	
Business Number:	FB0095	
Species:	SAL	
Water Type:	SW	
Weight (site average):	≥750g	
Weight (affected population average):	~3.5kg	
Age:	s1 2017	
Estimated number of fish lost:		5074
Additional information:	Mortality decreasing following algal bloom	
MS action:	No further action - mortalities decreasing	

**Mortality Event Report**

Mortality Event ID	MRT00647	
Site Name:	Djubawick	
Site No:	FS0656	
Start date of mortality:		14/05/2018
Period of mortality:	Weekly	
Percentage mortality:	1.12	
Explained/unexplained:	Explained	
Reason (if explained):	Algae	
Business Name:	Cooke Aquaculture Scotland Ltd	
Business Number:	FB0095	
Species:	SAL	
Water Type:	SW	
Weight (site average):	≥750g	
Weight (affected population average):	~3.5kg	
Age:	s1 2017	
Estimated number of fish lost:		3066
Additional information:	Mortality decreasing following algal bloom	
MS action:	No further action - mortalities decreasing	

**Mortality Event Report**

Mortality Event ID	MRT00648	
Site Name:	East Holm of Heogland Burkwel	
Site No:	FS0960	
Start date of mortality:		30/04/2018
Period of mortality:	Weekly	
Percentage mortality:	1.92	
Explained/unexplained:	Explained	
Reason (if explained):	CMS	
Business Name:	Cooke Aquaculture Scotland Ltd	
Business Number:	FB0095	
Species:	SAL	
Water Type:	SW	
Weight (site average):	≥750g	
Weight (affected population average):	~5kg	
Age:	S0 2016	
Estimated number of fish lost:		481
Additional information:	Site now fallow	
MS action:	No further action - site fallow.	

## Mortality Event Report

Mortality Event ID	MRT00649
Site Name:	Furnace (FW)
Site No:	FS0339
Start date of mortality:	21/05/2018
Period of mortality:	Weekly
Percentage mortality:	2.16
Explained/unexplained:	Explained
Reason (if explained):	IPN
Business Name:	Cooke Aquaculture (Freshwater) Ltd
Business Number:	FB0235
Species:	SAL
Water Type:	FW
Weight (site average):	<750g
Weight (affected population average):	15g
Age:	S1 2019
Estimated number of fish lost:	41122
Additional information:	Vets have attended site, samples taken, histology analysis shows evidence of IPN. Site is increasing water temperature to 21°C.
MS action:	Diagnostic samples taken 2018-0214 (31/5/18) and numbers updated by SAE.

## Mortality Event Report

Mortality Event ID	MRT00651
Site Name:	Furnace (FW)
Site No:	FS0339
Start date of mortality:	28/05/2018
Period of mortality:	Weekly
Percentage mortality:	11.67
Explained/unexplained:	Explained
Reason (if explained):	PD
Business Name:	Cooke Aquaculture (Freshwater) Ltd
Business Number:	FB0235
Species:	SAL
Water Type:	FW
Weight (site average):	<750g
Weight (affected population average):	15g
Age:	S1 2019
Estimated number of fish lost:	163135
Additional information:	Site suspected IPN. Temperature had been increased to try and kill of the virus. From diagnostic (2018-0214) SAV positive result (subtype 1).
MS action:	Diagnostic samples taken 2018-0214 (31/5/18), mortality has come down for week 4-10 June to 0.55%.

**Mortality Event Report**

Mortality Event ID

MRT00698

Site Name:

Loch Garasdale

Site No:

FS0866

Start date of mortality:

02/07/2018

Period of mortality:

Weekly

Percentage mortality:

19

Explained/unexplained:

Explained

Reason (if explained):

Transfer problems, high water temps

Business Name:

Cooke Aquaculture (Freshwater) Ltd

Business Number:

FB0235

Species:

SAL

Water Type:

FW

Weight (site average):

5g to smolting

Weight (affected population average):

5g

Age:

2018 fry

Estimated number of fish lost:

~150,000

Additional information:

Consignment of fish moved to site from Cairndow following water supply issues. Water temperature was high and road accident meant trucks were delayed getting to destination and fish were in transport longer than expected, resulting in this mortality event post transfer. Mortalities all removed from site successfully and fish looking good this week. Expected to fall below reporting level this week.

MS action:

## Mortality Event Report

Mortality Event ID	MRT00658
Site Name:	Eilean Grianain
Site No:	FS1176
Start date of mortality:	19/03/2018
Period of mortality:	Weekly
Percentage mortality:	1.808
Explained/unexplained:	Explained
Reason (if explained):	Physical damage
Business Name:	Marine Harvest (Scotland) Ltd
Business Number:	FB0119
Species:	Sal
Water Type:	SW
Weight (site average):	≥750g
Weight (affected population average):	945g
Age:	2017 Q4
Estimated number of fish lost:	15504
Additional information:	Physical damage following storm. Strong peak in easterly winds. Health team visited to check for 2ndy infections but not an issue. Any badly damaged fish were removed and dispatched. Mort levels fell to 0.171% week 15 9/4/18
MS action:	PSI case 20180233 Site manager contacted for further details. Mort levels on site currently very low; 0.0143%.

## Mortality Event Report

Mortality Event ID	MRT00659
Site Name:	Eilean Grianain
Site No:	FS1176
Start date of mortality:	26/03/2018
Period of mortality:	Weekly
Percentage mortality:	16.689
Explained/unexplained:	Explained
Reason (if explained):	Physical damage
Business Name:	Marine Harvest (Scotland) Ltd
Business Number:	FB0119
Species:	SAL
Water Type:	SW
Weight (site average):	≥750g
Weight (affected population average):	945g
Age:	2017 Q4
Estimated number of fish lost:	140488
Additional information:	Physical damage following storm. Strong peak in easterly winds. Health team visited to check for 2ndy infections but not an issue. Any badly damaged fish were removed and dispatched. Mort levels fell to 0.171% week 15 9/4/18
MS action:	PSI case 20180233 Site manager contacted for further details. Mort levels on site currently very low; 0.0143%.

## Mortality Event Report

Mortality Event ID	MRT00660
Site Name:	Eilean Grianain
Site No:	FS1176
Start date of mortality:	02/04/2018
Period of mortality:	Weekly
Percentage mortality:	3.11
Explained/unexplained:	Explained
Reason (if explained):	Physical damage
Business Name:	Marine Harvest (Scotland) Ltd
Business Number:	FB0119
Species:	SAL
Water Type:	SW
Weight (site average):	≥750g
Weight (affected population average):	945g
Age:	2017 Q4
Estimated number of fish lost:	21803
Additional information:	Physical damage following storm. Strong peak in easterly winds. Health team visited to check for 2ndy infections but not an issue. Any badly damaged fish were removed and dispatched. Mort levels fell to week 15 9/4/18
MS action:	PSI case 20180233 Site manager contacted for further details. Mort levels on site currently very low; 0.0143%.

## Mortality Event Report

Mortality Event ID: MRT00665

Site Name: Loch Greshornish

Site No: FS0015

Start date of mortality: 01/01/2018

Period of mortality: Weekly

Percentage mortality: 1.11

Explained/unexplained: Explained

Reason (if explained): anaemia

Business Name: Marine Harvest (Scotland) Ltd

Business Number: FB0119

Species: SAL

Water Type: SW

Weight (site average): ≥750g

Weight (affected population average): 2kg

Age: 2017 Q1

Estimated number of fish lost: 7516

### Additional information:

It was reported that lice skirts on site had a lot of natural growth which caused water quality issues leading to poor gill health and anaemia and increased mortalities. The skirts have been removed and in Feb the whole site had a fw treatment for the gill issues. Mort levels have since decreased.

### MS action:

PSI case 20180269 Mort levels currently low at 0.38% for wk22 (2018) and 0.22% wk 23 (2018). Fell to 0.78%/site/wk in wk13 2018(26th March)

## Mortality Event Report

Mortality Event ID: MRT00666

Site Name: Loch Greshornish

Site No: FS0015

Start date of mortality: 08/01/2018

Period of mortality: Weekly

Percentage mortality: 1.35

Explained/unexplained: Explained

Reason (if explained): anaemia

Business Name: Marine Harvest (Scotland) Ltd

Business Number: FB0119

Species: SAL

Water Type: SW

Weight (site average): ≥750g

Weight (affected population average): 2kg

Age: 2017 Q1

Estimated number of fish lost: 9072

Additional information: It was reported that lice skirts on site had a lot of natural growth which caused water quality issues leading to poor gill health and anaemia and increased mortalities. The skirts have been removed and in Feb the whole site had a fw treatment for the gill issues. Mort levels have since decreased.

MS action: PSI case 20180269 Mort levels currently low at 0.38% for wk22 (2018) and 0.22% wk 23 (2018). Fell to 0.78%/site/wk in wk13 2018(26th March)

**Mortality Event Report**

Mortality Event ID	MRT00667
Site Name:	Loch Greshornish
Site No:	FS0015
Start date of mortality:	15/01/2018
Period of mortality:	Weekly
Percentage mortality:	2.68
Explained/unexplained:	Explained
Reason (if explained):	anaemia
Business Name:	Marine Harvest (Scotland) Ltd
Business Number:	FB0119
Species:	SAL
Water Type:	SW
Weight (site average):	≥750g
Weight (affected population average):	2kg
Age:	2017 Q1
Estimated number of fish lost:	17725

## Additional information:

It was reported that lice skirts on site had a lot of natural growth which caused water quality issues leading to poor gill health and anaemia and increased mortalities. The skirts have been removed and in Feb the whole site had a fw treatment for the gill issues. Mort levels have since decreased.

## MS action:

PSI case 20180269 Mort levels currently low at 0.38% for wk22 (2018) and 0.22% wk 23 (2018). Fell to 0.78%/site/wk in wk13 2018(26th March)

## Mortality Event Report

Mortality Event ID: MRT00668

Site Name: Loch Greshornish

Site No: FS0015

Start date of mortality: 22/01/2018

Period of mortality: Weekly

Percentage mortality: 1.09

Explained/unexplained: Explained

Reason (if explained): anaemia

Business Name: Marine Harvest (Scotland) Ltd

Business Number: FB0119

Species: SAL

Water Type: SW

Weight (site average): ≥750g

Weight (affected population average): 2kg

Age: 2017 Q1

Estimated number of fish lost: 7029

Additional information: It was reported that lice skirts on site had a lot of natural growth which caused water quality issues leading to poor gill health and anaemia and increased mortalities. The skirts have been removed and in Feb the whole site had a fw treatment for the gill issues. Mort levels have since decreased.

MS action: PSI case 20180269 Mort levels currently low at 0.38% for wk22 (2018) and 0.22% wk 23 (2018). Fell to 0.78%/site/wk in wk13 2018(26th March)

## Mortality Event Report

Mortality Event ID	MRT00669
Site Name:	Loch Greshornish
Site No:	FS0015
Start date of mortality:	29/01/2018
Period of mortality:	Weekly
Percentage mortality:	1.03
Explained/unexplained:	Explained
Reason (if explained):	anaemia
Business Name:	Marine Harvest (Scotland) Ltd
Business Number:	FB0119
Species:	SAL
Water Type:	SW
Weight (site average):	≥750g
Weight (affected population average):	2kg
Age:	2017 Q1
Estimated number of fish lost:	6586

Additional information: It was reported that lice skirts on site had a lot of natural growth which caused water quality issues leading to poor gill health and anaemia and increased mortalities. The skirts have been removed and in Feb the whole site had a fw treatment for the gill issues. Mort levels have since decreased.

MS action: PSI case 20180269 Mort levels currently low at 0.38% for wk22 (2018) and 0.22% wk 23 (2018). Fell to 0.78%/site/wk in wk13 2018(26th March)

## Mortality Event Report

Mortality Event ID: MRT00670

Site Name: Loch Greshornish

Site No: FS0015

Start date of mortality: 05/02/2018

Period of mortality: Weekly

Percentage mortality: 1.16

Explained/unexplained: Explained

Reason (if explained): anaemia

Business Name: Marine Harvest (Scotland) Ltd

Business Number: FB0119

Species: SAL

Water Type: SW

Weight (site average): ≥750g

Weight (affected population average): 2kg

Age: 2017 Q1

Estimated number of fish lost: 7293

### Additional information:

It was reported that lice skirts on site had a lot of natural growth which caused water quality issues leading to poor gill health and anaemia and increased mortalities. The skirts have been removed and in Feb the whole site had a fw treatment for the gill issues. Mort levels have since decreased.

### MS action:

PSI case 20180269 Mort levels currently low at 0.38% for wk22 (2018) and 0.22% wk 23 (2018). Fell to 0.78%/site/wk in wk13 2018(26th March)

## Mortality Event Report

Mortality Event ID	MRT00671
Site Name:	Loch Greshornish
Site No:	FS0015
Start date of mortality:	12/02/2018
Period of mortality:	Weekly
Percentage mortality:	1.53
Explained/unexplained:	Explained
Reason (if explained):	anaemia
Business Name:	Marine Harvest (Scotland) Ltd
Business Number:	FB0119
Species:	SAL
Water Type:	SW
Weight (site average):	≥750g
Weight (affected population average):	2kg
Age:	2017 Q1
Estimated number of fish lost:	9547

### Additional information:

It was reported that lice skirts on site had a lot of natural growth which caused water quality issues leading to poor gill health and anaemia and increased mortalities. The skirts have been removed and in Feb the whole site had a fw treatment for the gill issues. Mort levels have since decreased.

### MS action:

PSI case 20180269 Mort levels currently low at 0.38% for wk22 (2018) and 0.22% wk 23 (2018). Fell to 0.78%/site/wk in wk13 2018(26th March)

**Mortality Event Report**

Mortality Event ID: MRT00672

Site Name: Loch Greshornish

Site No: FS0015

Start date of mortality: 19/02/2018

Period of mortality: Weekly

Percentage mortality: 1.47

Explained/unexplained: Explained

Reason (if explained): anaemia

Business Name: Marine Harvest (Scotland) Ltd

Business Number: FB0119

Species: SAL

Water Type: SW

Weight (site average): ≥750g

Weight (affected population average): 3kg

Age: 2017 Q1

Estimated number of fish lost: 9033

Additional information: It was reported that lice skirts on site had a lot of natural growth which caused water quality issues leading to poor gill health and anaemia and increased mortalities. The skirts have been removed and in Feb the whole site had a fw treatment for the gill issues. Mort levels have since decreased.

MS action: PSI case 20180269 Mort levels currently low at 0.38% for wk22 (2018) and 0.22% wk 23 (2018). Fell to 0.78%/site/wk in wk13 2018(26th March)

## Mortality Event Report

Mortality Event ID: MRT00673

Site Name: Loch Greshornish

Site No: FS0015

Start date of mortality: 26/02/2018

Period of mortality: Weekly

Percentage mortality: 1.41

Explained/unexplained: Explained

Reason (if explained): anaemia

Business Name: Marine Harvest (Scotland) Ltd

Business Number: FB0119

Species: SAL

Water Type: SW

Weight (site average): ≥750g

Weight (affected population average): 3kg

Age: 2017 Q1

Estimated number of fish lost: 7483

Additional information: It was reported that lice skirts on site had a lot of natural growth which caused water quality issues leading to poor gill health and anaemia and increased mortalities. The skirts have been removed and in Feb the whole site had a fw treatment for the gill issues. Mort levels have since decreased.

MS action: PSI case 20180269 Mort levels currently low at 0.38% for wk22 (2018) and 0.22% wk 23 (2018). Fell to 0.78%/site/wk in wk13 2018(26th March)

## Mortality Event Report

Mortality Event ID	MRT00674
Site Name:	Loch Greshornish
Site No:	FS0015
Start date of mortality:	05/03/2018
Period of mortality:	Weekly
Percentage mortality:	1.37
Explained/unexplained:	Explained
Reason (if explained):	anaemia
Business Name:	Marine Harvest (Scotland) Ltd
Business Number:	FB0119
Species:	SAL
Water Type:	SW
Weight (site average):	≥750g
Weight (affected population average):	3kg
Age:	2017 Q1
Estimated number of fish lost:	7193

Additional information: It was reported that lice skirts on site had a lot of natural growth which caused water quality issues leading to poor gill health and anaemia and increased mortalities. The skirts have been removed and in Feb the whole site had a fw treatment for the gill issues. Mort levels have since decreased.

MS action: PSI case 20180269 Mort levels currently low at 0.38% for wk22 (2018) and 0.22% wk 23 (2018). Fell to 0.78%/site/wk in wk13 2018(26th March)

## Mortality Event Report

Mortality Event ID: MRT00675

Site Name: Loch Greshornish

Site No: FS0015

Start date of mortality: 12/03/2018

Period of mortality: Weekly

Percentage mortality: 1.08

Explained/unexplained: Explained

Reason (if explained): anaemia

Business Name: Marine Harvest (Scotland) Ltd

Business Number: FB0119

Species: SAL

Water Type: SW

Weight (site average): ≥750g

Weight (affected population average): 3kg

Age: 2017 Q1

Estimated number of fish lost: 5615

### Additional information:

It was reported that lice skirts on site had a lot of natural growth which caused water quality issues leading to poor gill health and anaemia and increased mortalities. The skirts have been removed and in Feb the whole site had a fw treatment for the gill issues. Mort levels have since decreased.

### MS action:

PSI case 20180269 Mort levels currently low at 0.38% for wk22 (2018) and 0.22% wk 23 (2018). Fell to 0.78%/site/wk in wk13 2018(26th March)

**Mortality Event Report**

Mortality Event ID: MRT00676

Site Name: Loch Greshornish

Site No: FS0015

Start date of mortality: 19/03/2018

Period of mortality: Weekly

Percentage mortality: 2.84

Explained/unexplained: Explained

Reason (if explained): anaemia

Business Name: Marine Harvest (Scotland) Ltd

Business Number: FB0119

Species: SAL

Water Type: SW

Weight (site average): ≥750g

Weight (affected population average): 3kg

Age: 2017 Q1

Estimated number of fish lost: 14538

Additional information: It was reported that lice skirts on site had a lot of natural growth which caused water quality issues leading to poor gill health and anaemia and increased mortalities. The skirts have been removed and in Feb the whole site had a fw treatment for the gill issues. Mort levels have since decreased.

MS action: PSI case 20180269 Mort levels currently low at 0.38% for wk22 (2018) and 0.22% wk 23 (2018). Fell to 0.78%/site/wk in wk13 2018(26th March)

**Mortality Event Report**

Mortality Event ID	MRT00677	
Site Name:	Hellisay	
Site No:	FS1261	
Start date of mortality:		19/03/2018
Period of mortality:	Weekly	
Percentage mortality:		3.48
Explained/unexplained:	Explained	
Reason (if explained):	Physical damage	
Business Name:	Marine Harvest (Scotland) Ltd	
Business Number:	FB0119	
Species:	SAL	
Water Type:	sw	
Weight (site average):	<750g	
Weight (affected population average):	102g	
Age:	2018 Q1	
Estimated number of fish lost:		10546
Additional information:	Physical damage following March storms. Mort figures have returned to normal and were reported as 0.07% for site for week 22 (WB22/5/18) and 0.07% (WB23 4/6/18).	
MS action:		

**Mortality Event Report**

Mortality Event ID	MRT00678
Site Name:	Hellisay
Site No:	FS1261
Start date of mortality:	26/03/2018
Period of mortality:	Weekly
Percentage mortality:	13.01
Explained/unexplained:	Explained
Reason (if explained):	Physical damage
Business Name:	Marine Harvest (Scotland) Ltd
Business Number:	FB0119
Species:	SAL
Water Type:	sw
Weight (site average):	<750g
Weight (affected population average):	109g
Age:	2018 Q1
Estimated number of fish lost:	38093

Additional information: Physical damage following March storms. Mort figures have returned to normal and were reported as 0.07% for site for week 22 (WB22/5/18) and 0.07% (WB23 4/6/18).

MS action:

**Mortality Event Report**

Mortality Event ID	MRT00679	
Site Name:	MacLean's Nose	
Site No:	FS0599	
Start date of mortality:		19/02/2018
Period of mortality:	Weekly	
Percentage mortality:	1.3	
Explained/unexplained:	Explained	
Reason (if explained):	CMS	
Business Name:	Marine Harvest (Scotland) Ltd	
Business Number:	FB0119	
Species:	SAL	
Water Type:	SW	
Weight (site average):	≥750g	
Weight (affected population average):	3kg	
Age:	2017 Q1	
Estimated number of fish lost:		1955
Additional information:	P Skyensis also diagnosed on site in January.	
MS action:	Mort levels are now low at 0.08% for the site WB 28/5/18 and 0.18% WB4/6/18	

**Mortality Event Report**

Mortality Event ID	MRT00680	
Site Name:	MacLean's Nose	
Site No:	FS0599	
Start date of mortality:		05/03/2018
Period of mortality:	Weekly	
Percentage mortality:	1.09	
Explained/unexplained:	Explained	
Reason (if explained):	CMS	
Business Name:	Marine Harvest (Scotland) Ltd	
Business Number:	FB0119	
Species:	SAL	
Water Type:	SW	
Weight (site average):	≥750g	
Weight (affected population average):	3kg	
Age:	2017 Q1	
Estimated number of fish lost:		2345
Additional information:	P Skyensis also diagnosed on site in January.	
MS action:	Mort levels are now low at 0.08% for the site WB 28/5/18 and 0.18% WB4/6/18	

**Mortality Event Report**

Mortality Event ID	MRT00681	
Site Name:	MacLean's Nose	
Site No:	FS0599	
Start date of mortality:		26/03/2018
Period of mortality:	Weekly	
Percentage mortality:	2.28	
Explained/unexplained:	Explained	
Reason (if explained):	CMS	
Business Name:	Marine Harvest (Scotland) Ltd	
Business Number:	FB0119	
Species:	SAL	
Water Type:	SW	
Weight (site average):	≥750g	
Weight (affected population average):	3kg	
Age:	2017 Q1	
Estimated number of fish lost:		4812
Additional information:	P Skyensis also diagnosed on site in January.	
MS action:	Mort levels are now low at 0.08% for the site WB 28/5/18 and 0.18% WB4/6/18	

## Mortality Event Report

Mortality Event ID	MRT00685
Site Name:	Langass Hatchery
Site No:	FS0643
Start date of mortality:	28/05/2018
Period of mortality:	Weekly
Percentage mortality:	22.47
Explained/unexplained:	Explained
Reason (if explained):	Drop in water quality, spike in temperatures up to 25degreesC
Business Name:	The Scottish Salmon Company
Business Number:	FB0169
Species:	SAL
Water Type:	FW
Weight (site average):	>750g
Weight (affected population average):	11kg
Age:	2016 S1
Estimated number of fish lost:	Not provided - but small numbers of broodfish on site
Additional information:	Plan to install chillers to have the ability to reduce water temperatures in the future.
MS action:	Morts below reporting level by wk 24

**Mortality Event Report**

Mortality Event ID	MRT00686
Site Name:	Langass Hatchery
Site No:	FS0643
Start date of mortality:	04/06/2018
Period of mortality:	Weekly
Percentage mortality:	18.78
Explained/unexplained:	Explained
Reason (if explained):	Drop in water quality, spike in temperatures up to 25degreesC
Business Name:	The Scottish Salmon Company
Business Number:	FB0169
Species:	SAL
Water Type:	FW
Weight (site average):	>750g
Weight (affected population average):	11kg
Age:	2016 S1
Estimated number of fish lost:	Not provided - but small numbers of broodfish on site
Additional information:	Plan to install chillers to have the ability to reduce water temperatures in the future.
MS action:	Morts below reporting level by wk 24

**Mortality Event Report**

Mortality Event ID	MRT00687
Site Name:	Taranaish
Site No:	FS0752
Start date of mortality:	04/06/2018
Period of mortality:	Weekly
Percentage mortality:	1.3
Explained/unexplained:	Explained
Reason (if explained):	Clinical AGD
Business Name:	The Scottish Salmon Company
Business Number:	FB0169
Species:	SAL
Water Type:	SW
Weight (site average):	>750g
Weight (affected population average):	2.7kg
Age:	2017 S1
Estimated number of fish lost:	Not provided
Additional information:	Ongoing issue, diagnosed with clinical AGD and treated with peroxide week 25
MS action:	

**Mortality Event Report**

Mortality Event ID	MRT00688	
Site Name:	Taranaish	
Site No:	FS0752	
Start date of mortality:		11/06/2018
Period of mortality:	Weekly	
Percentage mortality:	1.76	
Explained/unexplained:	Explained	
Reason (if explained):	Clinical AGD	
Business Name:	The Scottish Salmon Company	
Business Number:	FB0169	
Species:	SAL	
Water Type:	SW	
Weight (site average):	>750g	
Weight (affected population average):	2.7kg	
Age:	2017 S1	
Estimated number of fish lost:	Not provided	
Additional information:	Ongoing issue, diagnosed with clinical AGD and treated with peroxide week 25	
MS action:		

**Mortality Event Report**

Mortality Event ID	MRT00689
Site Name:	Taranaish
Site No:	FS0752
Start date of mortality:	18/06/2018
Period of mortality:	Weekly
Percentage mortality:	4.02
Explained/unexplained:	Explained
Reason (if explained):	Clinical AGD
Business Name:	The Scottish Salmon Company
Business Number:	FB0169
Species:	SAL
Water Type:	SW
Weight (site average):	>750g
Weight (affected population average):	2.7kg
Age:	2017 S1
Estimated number of fish lost:	Not provided
Additional information:	Ongoing issue, diagnosed with clinical AGD and treated with peroxide week 25
MS action:	

**Mortality Event Report**

Mortality Event ID	MRT00690
Site Name:	Taranaish
Site No:	FS0752
Start date of mortality:	25/06/2018
Period of mortality:	Weekly
Percentage mortality:	3.77
Explained/unexplained:	Explained
Reason (if explained):	Clinical AGD
Business Name:	The Scottish Salmon Company
Business Number:	FB0169
Species:	SAL
Water Type:	SW
Weight (site average):	>750g
Weight (affected population average):	2.7kg
Age:	2017 S1
Estimated number of fish lost:	Not provided
Additional information:	Ongoing issue, diagnosed with clinical AGD and treated with peroxide week 25
MS action:	

**Mortality Event Report**

Mortality Event ID	MRT00691
Site Name:	Kinlochmoidart Hatchery
Site No:	FS0146
Start date of mortality:	04/06/2018
Period of mortality:	Weekly
Percentage mortality:	2.58
Explained/unexplained:	Explained
Reason (if explained):	ERM, stress from spikes in water temperatures
Business Name:	The Scottish Salmon Company
Business Number:	FB0169
Species:	SAL
Water Type:	FW
Weight (site average):	5g to smolting
Weight (affected population average):	8g
Age:	2018 s0
Estimated number of fish lost:	Not provided
Additional information:	Treated with antibiotics
MS action:	

**Mortality Event Report**

Mortality Event ID	MRT00692
Site Name:	Kinlochmoidart Hatchery
Site No:	FS0146
Start date of mortality:	11/06/2018
Period of mortality:	Weekly
Percentage mortality:	2.46
Explained/unexplained:	Explained
Reason (if explained):	ERM, stress from spikes in water temperatures
Business Name:	The Scottish Salmon Company
Business Number:	FB0169
Species:	SAL
Water Type:	FW
Weight (site average):	5g to smolting
Weight (affected population average):	9g
Age:	2018 s0
Estimated number of fish lost:	Not provided
Additional information:	Treated with antibiotics
MS action:	

## Mortality Event Report

Mortality Event ID	MRT00693	
Site Name:	Kinlochmoidart Hatchery	
Site No:	FS0146	
Start date of mortality:		25/06/2018
Period of mortality:	Weekly	
Percentage mortality:	1.69	
Explained/unexplained:	Explained	
Reason (if explained):	ERM, stress from spikes in water temperatures	
Business Name:	The Scottish Salmon Company	
Business Number:	FB0169	
Species:	SAL	
Water Type:	FW	
Weight (site average):	5g to smolting	
Weight (affected population average):	10g	
Age:	2018 s0	
Estimated number of fish lost:	Not provided	
Additional information:	Treated with antibiotics	
MS action:		

**Mortality Event Report**

Mortality Event ID	MRT00699	
Site Name:	Taranaish	
Site No:	FS0752	
Start date of mortality:		02/07/2018
Period of mortality:	Weekly	
Percentage mortality:	1.09	
Explained/unexplained:	Explained	
Reason (if explained):	Clinical AGD	
Business Name:	The Scottish Salmon Company	
Business Number:	FB0169	
Species:	SAL	
Water Type:	SW	
Weight (site average):	>750g	
Weight (affected population average):	2.7kg	
Age:	2017 S1	
Estimated number of fish lost:	Not provided	
Additional information:	Ongoing issue, treated with peroxide and will be harvesting	
MS action:	No further action, mortalities reducing post treatment	

**Mortality Event Report**

Mortality Event ID	MRT00700	
Site Name:	Taranaish	
Site No:	FS0752	
Start date of mortality:		09/07/2018
Period of mortality:	Weekly	
Percentage mortality:	1.01	
Explained/unexplained:	Explained	
Reason (if explained):	Clinical AGD	
Business Name:	The Scottish Salmon Company	
Business Number:	FB0169	
Species:	SAL	
Water Type:	SW	
Weight (site average):	>750g	
Weight (affected population average):	2.7kg	
Age:	2017 S1	
Estimated number of fish lost:	Not provided	
Additional information:	Ongoing issue, treated with peroxide and will be harvesting	
MS action:	No further action, mortalities reducing post treatment	

**Mortality Event Report**

Mortality Event ID	MRT00701
Site Name:	Kinlochmoidart Hatchery
Site No:	FS0146
Start date of mortality:	02/07/2018
Period of mortality:	Weekly
Percentage mortality:	1.48
Explained/unexplained:	Explained
Reason (if explained):	ERM, stress from spikes in water temperatures
Business Name:	The Scottish Salmon Company
Business Number:	FB0169
Species:	SAL
Water Type:	FW
Weight (site average):	5g to smolting
Weight (affected population average):	10-12g
Age:	2018 s0
Estimated number of fish lost:	Not provided
Additional information:	Second antibiotic treatment administered and mortalities now below reporting levels. Plan to cull some of the worst affected tanks
MS action:	No further action, mortalities reducing post treatment and mortality level has reduced below reporting level for the following week

**Mortality Event Report**

Mortality Event ID	MRT00702	
Site Name:	Outer Eport	
Site No:	FS1254	
Start date of mortality:		23/07/2018
Period of mortality:	Weekly	
Percentage mortality:	4.04	
Explained/unexplained:	Explained	
Reason (if explained):	Gill disease.	
Business Name:	The Scottish Salmon Company	
Business Number:	FB0169	
Species:	SAL	
Water Type:	SW	
Weight (site average):	>750g	
Weight (affected population average):	3.2kg	
Age:	2017 S1	
Estimated number of fish lost:	Not provided	
Additional information:	Fish treated recently with peroxide.	
MS action:	Site to be inspected	

**Mortality Event Report**

Mortality Event ID	MRT00694
Site Name:	Cairndow Hatchery
Site No:	FS0323
Start date of mortality:	04/06/2018
Period of mortality:	Weekly
Percentage mortality:	4
Explained/unexplained:	Explained
Reason (if explained):	Poor water quality and high water temperatures
Business Name:	Lakeland (Cairndow) Ltd
Business Number:	FB0560
Species:	SAL
Water Type:	FW
Weight (site average):	1st feed to 5g and 5g to smolting
Weight (affected population average):	1g to 30g
Age:	2018 fry
Estimated number of fish lost:	~131,000
Additional information:	Lack of rainfall caused lack of fw on site, resulting in re using water in a system not purpose built for recirc.
MS action:	

**Mortality Event Report**

Mortality Event ID	MRT00695
Site Name:	Cairndow Hatchery
Site No:	FS0323
Start date of mortality:	11/06/2018
Period of mortality:	Weekly
Percentage mortality:	2.48
Explained/unexplained:	Explained
Reason (if explained):	Poor water quality and high water temperatures
Business Name:	Lakeland (Cairndow) Ltd
Business Number:	FB0560
Species:	SAL
Water Type:	FW
Weight (site average):	1st feed to 5g and 5g to smolting
Weight (affected population average):	1g to 30g
Age:	2018 fry
Estimated number of fish lost:	~84,000
Additional information:	Lack of rainfall caused lack of fw on site, resulting in re using water in a system not purpose built for recirc. Moved 295k fish off site to reduce the amount of water having to be reused.
MS action:	

## Mortality Event Report

Mortality Event ID	MRT00696
Site Name:	Cairndow Hatchery
Site No:	FS0323
Start date of mortality:	25/06/2018
Period of mortality:	Weekly
Percentage mortality:	1.7
Explained/unexplained:	Explained
Reason (if explained):	Poor water quality and high water temperatures
Business Name:	Lakeland (Cairndow) Ltd
Business Number:	FB0560
Species:	SAL
Water Type:	FW
Weight (site average):	1st feed to 5g and 5g to smolting
Weight (affected population average):	1g to 30g
Age:	2018 fry
Estimated number of fish lost:	~27,000
Additional information:	Lack of rainfall caused lack of fw on site, resulting in re using water in a system not purpose built for recirc. Moved 91k fish off site to reduce the amount of water having to be reused.
MS action:	

**Mortality Event Report**

Mortality Event ID: MRT00697

Site Name: Cairndow Hatchery

Site No: FS0323

Start date of mortality: 02/07/2018

Period of mortality: Weekly

Percentage mortality: 2.2

Explained/unexplained: Explained

Reason (if explained): Poor water quality and high water temperatures

Business Name: Lakeland (Cairndow) Ltd

Business Number: FB0560

Species: SAL

Water Type: FW

Weight (site average): 1st feed to 5g and 5g to smolting

Weight (affected population average): 1g to 30g

Age: 2018 fry

Estimated number of fish lost: ~272,000

Additional information: Lack of rainfall caused lack of fw on site, resulting in re using water in a system not purpose built for recirc. Moved ~750k fish off site to reduce the amount of water having to be reused. Inspected by operators health team wk beg wk 28 and fish are looking much better. Rain forecast and hope to completely stop reusing water this week. Expected to fall back below reporting levels this week.

MS action:

**Mortality Event Report**

Mortality Event ID MRT00682

Site Name: Inverpolly

Site No: FS0264

Start date of mortality: 05/06/2018

Period of mortality: Weekly

Percentage mortality: 6.15

Explained/unexplained: Explained

Reason (if explained): Gill issues

Business Name: Finfish Ltd

Business Number: FB0132

Species: SAL

Water Type: SW

Weight (site average): &lt;750g

Weight (affected population average): 0.2g

Age: Q2 2019

Estimated number of fish lost: 127503

Additional information: Ambient water temp 21oc able to reduce to 10-15oc in yolk sac fry. This 2019 Q2 batch were at first feeding stage and transferred into the first feeding tanks. However the water temp only reduced to 17oc. Issues with Flavobacterium, costia and fungus. Gill lesions observed by histo. Awaiting salmon gill pox PCR results. Given 10 day treatment of Flofenical and 4x formalin and pyceze treatments. Next year plan to intake eggs earlier to avoid higher water temperatures.

MS action: Contacted site manager and informed mort level back to normal; 0.005%/day/site. Mort levels had returned to normal on 9/6/18.

**Mortality Event Report**

Mortality Event ID: MRT00683

Site Name: Scotasay

Site No: FS0502

Start date of mortality: 17/05/2018

Period of mortality: Weekly

Percentage mortality: 1.33

Explained/unexplained: Explained

Reason (if explained): Post treatment

Business Name: Marine Harvest (Scotland) Ltd

Business Number: FB0119

Species: SAL

Water Type: S

Weight (site average): ≥750g

Weight (affected population average): 2kg

Age: 2017 Q4

Estimated number of fish lost: 9400

Additional information: 6 Cages extended salmosan treatment (4 hours) Mortalities observed in 2 cages. (6700 in one and 2700 in the other). Enclosed tarp treatment. Oxygen and Ph levels monitored during treatment and remained within required parameters. Within two days post treatment the mort levels were back to normal. Vet visited and took samples but no underlying issues found. Morts removed by Billy Bowie.

MS action: Site manager contacted. Mort levels have dropped to 0.13%/site/wk.