

Breaches in Biosecurity – Colonsay

From: (REDACTED)

Sent: 03 February 2023 11:57

To: (REDACTED) <(REDACTED)@mowi.com>; (REDACTED) <(REDACTED)@mowi.com>

Cc: (REDACTED) <(REDACTED)@mowi.com>; (REDACTED) <(REDACTED)@mowi.com>; (REDACTED) <(REDACTED)@mowi.com>

Subject: RE: Open NC from Marine Scotland at Colonsay

Importance: High

Hi all,

I didn't receive any documentation from you last week. Could you please submit the requested documentation by 10th February?

Cheers,
(REDACTED)

(REDACTED)

Senior Fish Health Inspector
Marine Scotland - Science

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

Tel: (REDACTED)

S/B: +44 (0)131 244 2500

Mobile: (REDACTED)

e: [\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)

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

marinescotland
science



From: (REDACTED)

Sent: 20 January 2023 13:05

To: (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>; (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>

Cc: (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>; (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>; (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>

Subject: RE: Open NC from Marine Scotland at Colonsay

Thanks for the update (REDACTED), much appreciated.

I will keep an eye out for the documents being submitted next week sometime.

Have a great weekend when it comes.

(REDACTED)

From: (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>

Sent: 20 January 2023 13:04

To: (REDACTED) <[\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)>; (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>

Cc: (REDACTED) <(REDACTED)@mowi.com>; (REDACTED) (REDACTED)@mowi.com>; (REDACTED) <(REDACTED)@mowi.com>

Subject: RE: Open NC from Marine Scotland at Colonsay

Hi (REDACTED)

I am responding just to say that (REDACTED) is off shift at present and will come back to you re your requests within the week.

What you request in document form should be straight forward .

Just to up date you on the trial weighting systems , we hope to lift these nets next week and a SOP and RA will be created from that and forwarded to you.

Have a great weekend.

(REDACTED)

(REDACTED)

(REDACTED)
Mowi SCOTLAND LTD

MOBILE: +(REDACTED)
DIRECT: +(REDACTED)
MAIL: (REDACTED)@mowi.com
WEB:

OFFICE: Stob Ban House
Glen Nevis Business Park
Fort William
PH33 6RX

From: (REDACTED)@gov.scot <(REDACTED)@gov.scot>

Sent: 20 January 2023 11:42

To: (REDACTED) <(REDACTED)@mowi.com>

Cc: (REDACTED) <(REDACTED)@mowi.com>; (REDACTED) <(REDACTED)@mowi.com>; (REDACTED) <(REDACTED)@mowi.com>; (REDACTED) <(REDACTED)@mowi.com>

Subject: RE: Open NC from Marine Scotland at Colonsay

Importance: High

Hi (REDACTED)

Following on from my below email, I'm not sure that you have fully understood what was required. You have conducted work to repair, service, replace or refurbish the equipment, however, the documented reviews were also to consider whether the procedures and equipment in place were adequate or if they required improvement. The decisions on whether to change procedures and equipment or not should have been documented by the reviews. The new equipment designs being trialled are fine but the documented reviews should have established the considerations for making the changes. Do you have evidence of these discussions and decisions to satisfy the requirement for documented review?

This could just be recorded in communications between yourselves and the manufacturers/service companies? Or perhaps, you haven't conducted a documented review and have only asked suppliers to improve the equipment spec?

Let me know,
(REDACTED)

(REDACTED)

Senior Fish Health Inspector
Marine Scotland - Science

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

Tel: (REDACTED)
S/B: +44 (0)131 244 2500
Mobile: (REDACTED)
e: [\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)
w: <https://www.gov.scot/marine-and-fisheries/>

marinescotland
science



From: (REDACTED)

Sent: 16 January 2023 11:12

To: (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>

Cc: (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>; (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>; (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>; (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>

Subject: RE: Open NC from Marine Scotland at Colonsay

HI (REDACTED)

I hope you had a lovely break over the festive period.

Apologies for the delay in getting back to you with this, I was (REDACTED) and then was out in the field last week.

Could you please submit the following:

- The Aqualine inspection log is dated 2015, do you have a revised risk assessment for the inspection of pens and moorings to support that this document is still suitable?
- Although you have submitted a trial design for improving the weighting mechanism, could you please also provide the SOP, risk assessment and contingency plan for raising and lowering the proposed new weighting systems to prevent escapes.

When do you expect to deploy the new CFR nets and the new weighting systems on the Colonsay site?

Cheers,
(REDACTED).

(REDACTED)

Senior Fish Health Inspector
Marine Scotland - Science

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

Tel: (REDACTED)
S/B: +44 (0)131 244 2500
Mobile: (REDACTED)
e: [\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)
w: <https://www.gov.scot/marine-and-fisheries/>

marinescotland
science



From: (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>

Sent: 16 December 2022 17:27

To: (REDACTED) <[\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)>

Cc: (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>; (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>; (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>; (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>

Subject: FW: Open NC from Marine Scotland at Colonsay

Good evening (REDACTED)

I hope the following and attached will help answer your requests.

Due to the failure of weighting system connections, it is recommended that a documented review is undertaken to revise and improve the standard operating procedure and inspection plan for pen and mooring components, which is based on risk assessment, in accordance with A Code of Good Practice for Scottish Finfish Aquaculture (CoGP) Chapter 4, point 4.16.

[Aqualine Inspection log copy attached.](#)

It is recommended that a documented review is undertaken of the design, quality and standard of manufacture of nets to take account of the conditions likely to be experienced on the site, including an adequate safety margin to prevent the failure of weighting system connections to meet the requirements of CoGP Chapter 4, point 4.20.

There are new nets on order with upgraded construction and materials these are trailed and developed with Knox nets Ltd, attached is an excerpt Knox did on the CFR high strength grade of HDPE knotted netting vs standard conventional Seal Pro style netting. We don't have a net certificate as yet as drawing will be re-worked prior to signing off.

It is recommended that a documented review is undertaken of the inspection procedures and frequencies for nets and the weighting systems as required by the CoGP Chapter 4, points 4.23 and 4.24, to ensure that weighting system connection failures are prevented.

Scale AQ manufacturer of Aqualine system pens have completed a inspection and repair and maintenance for Colonsay cages that covered replacement and re-wire of 20 froyer winch motors, 16 x tension bars replaced and renewed (completed this week). Tension bar long bolts and bushes

have all now been removed and replaced at all bridle mooring points (12 per cage) Replacement of Froyer ring clamps bolts and chain connections are the next and final stage of the full refurbishment program.

It is recommended that a documented review should be undertaken of the procedure for raising and lowering weighting systems, the associated risk assessment and contingency plan, to ensure that procedures that could increase the risk of fish escaping from pens should be carefully planned and supervised to minimise any risk and that a documented risk assessment, a standard operating procedure and a contingency plan are in place in accordance with CoGP Chapter 4, points 4.29 and 4.30, .

There are currently 2 systems on a winter trial "Glider" with 16 x 80kg weights at each net seam and "Pipe Clamp" where the net is pulled down or released at the froyer ring to maintain/release tension. these cage trials are fitted with modified nets with the aim of allowing the nets to be raised and dropped with the froyer ring left in position without raising to mitigate risk of damage to nets during crowding operations. The trial cages are situated on North and South East corners of the site at the most exposed locations.

It is recommended that a documented review is undertaken of the predator risk assessment as required by the CoGP Chapter 4, point 4.26, to ensure that the requirement of the CoGP Chapter 4, point 5.8 are met by the equipment and farm design protecting the fish from predators.

HDPE knotted netting will be used as a upgrade to standard conventional Seal Pro style netting, as per attached netting materials documentation.

Best regards

(REDACTED)

(REDACTED)

(REDACTED)olonsay
MOWI Scotland LTD

MOBILE: (REDACTED)

MAIL: [\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)

[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)

WEB: www.mowi.com

OFFICE: Hazel Cottage, Scalasaig, Isle of Colonsay, Argyll,
PA61 7YW, United Kingdom.

From: (REDACTED)

Sent: 16 December 2022 11:04

To: (REDACTED) <(REDACTED)@mowi.com>

Cc: (REDACTED) <(REDACTED)@mowi.com>

Subject: RE: Colonsay Escape; Containment Recommendations - Documentation Reminder

Importance: High

Morning (REDACTED),

I haven't yet received anything from the business with regards to the recommendations that were made in the report that was issue to you on 12/10/22

regarding the circumstances that led to a significant increase of escape from your Colonsay site in June 22.

The deadline for submission is **2 weeks' time** (31st December). Please can you endeavour to submit the required evidence at your earliest convenience?

Kind regards,

(REDACTED)

From: (REDACTED) <(REDACTED)@mowi.com>

Sent: 23 November 2022 11:52

To: (REDACTED) <(REDACTED)@gov.scot>

Subject: RE: Colonsay Escape; Containment Recommendations - Documentation Reminder

Morning (REDACTED)

Many thanks for the reminder, I have in turn sent this onto the relevant people and I am sure they will get the information to you on time.

Kind regards

(REDACTED)

From: (REDACTED)@gov.scot <(REDACTED)@gov.scot>

Sent: 17 November 2022 12:50

To: (REDACTED) (REDACTED)@mowi.com>

Subject: Colonsay Escape; Containment Recommendations - Documentation Reminder

Hi (REDACTED),

Just a reminder that the recommendations that were made in the attached report are due for submission by 31st December 22.

Cheers,

(REDACTED)

(REDACTED)

Senior Fish Health Inspector
Marine Scotland - Science

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

Tel: (REDACTED)

S/B: +44 (0)131 244 2500

Mobile: (REDACTED)

e: (REDACTED)@gov.scot

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



20220201_R27
(1).docx

From: (REDACTED)

Sent: 17 November 2022 12:50

To: (REDACTED) <(REDACTED)@mowi.com>

Subject: Colonsay Escape; Containment Recommendations - Documentation Reminder

Hi (REDACTED)

Just a reminder that the recommendations that were made in the attached report are due for submission by 31st December 22.

Cheers,

(REDACTED)

(REDACTED)

Senior Fish Health Inspector
Marine Scotland - Science

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

Tel: (REDACTED)

S/B: +44 (0)131 244 2500

Mobile: (REDACTED)

e: (REDACTED)@gov.scot

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



Aqualine
Inspection Log blan

From: (REDACTED) <(REDACTED)@mowi.com>

Sent: 16 December 2022 17:27

To: (REDACTED) <(REDACTED)@gov.scot>

Cc: (REDACTED) <(REDACTED)@mowi.com>; (REDACTED) <(REDACTED)@mowi.com>; (REDACTED) <(REDACTED)@mowi.com>; (REDACTED) <(REDACTED)@mowi.com>

Subject: FW: Open NC from Marine Scotland at Colonsay

Good evening (REDACTED)

I hope the following and attached will help answer your requests.

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[There are currently 2 systems on a winter trial "Glider" with 16 x 80kg weights at each net seam and "Pipe Clamp" where the net is pulled down or released at the froyer ring to maintain/release tension. these cage trials are fitted with modified nets with the aim of allowing the nets to be raised and dropped with the froyer ring left in position without raising to mitigate risk of damage to nets during crowding operations. The trial cages are situated on North and South East corners of the site at the most exposed locations.](#)

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[HDPE knotted netting will be used as a upgrade to standard conventional Seal Pro style netting, as per attached netting materials documentation.](#)

Best regards

(REDACTED)

(REDACTED)
MOWI Scotland LTD

MOBILE: (REDACTED)
MAIL: [\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)

[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)

WEB: www.mowi.com

OFFICE: Hazel Cottage, Scalasaig, Isle of Colonsay, Argyll,
PA61 7YW, United Kingdom.

MOWI[®]

Salmon is good. Mowi is Goodness



final notification
29.09.2022.docx

From: (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>
Sent: 03 October 2022 15:08
To: (REDACTED) (MARLAB) <[\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)>
Cc: (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>; (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>
Subject: RE: Final Notification for Colonsay

Good afternoon (REDACTED)

Please accept my apologies for the delay, (REDACTED)

The Final Notification is now attached for Colonsay which contains what we discussed on the Teams meeting.

I hope this this is sufficient.

Kind regards

(REDACTED)

From: [\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot) <[\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)>
Sent: 27 September 2022 07:53
To: (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>
Subject: RE: Final Notification for Colonsay

Hi (REDACTED)

Sorry I missed this yesterday it was the local Aberdeen holiday. I am currently free all Wednesday morning, just send me through the meeting request and I'll join the meeting.

Cheers
(REDACTED)

From: (REDACTED)< [\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>
Sent: 26 September 2022 14:42
To: (REDACTED) (MARLAB) < [\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)>
Subject: RE: Final Notification for Colonsay

Good afternoon (REDACTED)

Firstly my apologies for the delay, I was asked to arrange a Teams call about your points but did not realise that it was not an in house meeting, it was to include yourself as well.

Therefore please can you advise when you are free in the coming week, as the (REDACTED) and (REDACTED) are available on Wednesday, Thursday and Friday mornings.

If you don't mind, he would prefer to have a Teams call to go through your points.

Many thanks and I look forward to hearing back from you.

(REDACTED)

From: [\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot) < [\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)>
Sent: 20 September 2022 16:36
To: (REDACTED) < [\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>
Subject: RE: Final Notification for Colonsay

Hi (REDACTED)

Thank you for providing the updated final notification. We can appreciate that there have been operational issues which have made the calculation of the number of escaped fish problematic. However, the provision and publication of a very broad range for the number of escaped fish may present further issues in relation to the record keeping and husbandry operations of an aquaculture site and aquaculture production business (APB).

We think the final notification should reflect any discrepancy in fish numbers following consideration of the official records of movements and mortalities required to be maintained by the authorisation conditions placed on Mowi Scotland Ltd to operate as an APB.

Could we ask for the following information to be provided, as soon as possible, in relation to the 2021 Q2 production cycle at Colonsay?

- Details of the recorded number of Atlantic salmon which were transferred on to site for on-growing in the 2021 Q2 production cycle;
- Details of the recorded number of Atlantic salmon from the 2021 Q2 production cycle which have been transferred off the site for on-growing at other fish farm sites;

- Details of the recorded number of Atlantic salmon from the 2021 Q2 production cycle which were harvested from the site;
- Details of the recorded number of Atlantic salmon from the 2021 Q2 production cycle which were recorded as mortalities during the production cycle;
- Details of the recorded numbers of Atlantic salmon from the 2021 Q2 production cycle which did not complete the production cycle at the Colonsay site for any other reason than live transfer off the site, mortality on site or removal by harvest.

We will then use this information to record and publish a number of escaped fish for the reported incident. If there are any issues in the supply of this information please let me know.

Regards
(REDACTED)

From: (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>
Sent: 20 September 2022 15:33
To: (REDACTED) (MARLAB) <[\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)>
Subject: Final Notification for Colonsay

Good afternoon (REDACTED)

My apologies, but I have only just received the completed final notification form just now from my colleague (REDACTED).

Should you have any questions please let me know.

Kind regards

(REDACTED)

From: [\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot) <[\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)>
Sent: 15 September 2022 13:18
To: (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>
Subject: RE: Updated final Notifications

Hi (REDACTED),

Thank you for passing on the figure. I'll look forward to the update for Colonsay at the end of the week.

Regards
(REDACTED)

From: (REDACTED) <[\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)>
Sent: 14 September 2022 12:45
To: (REDACTED) (MARLAB) <[\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)>
Subject: FW: Updated final Notifications

Good morning (REDACTED)

Please accept my huge apologies for the delay in getting back to you.

I can now attach the final notification for Greanem indicating the number lost. For Colonsay I am chasing this information and hope to have it with you by the end of the week.

Kind regards

(REDACTED)

From: (REDACTED)@gov.scot <(REDACTED)@gov.scot>

Sent: 05 September 2022 17:02

To: (REDACTED) <(REDACTED)@mowi.com>

Subject: Updated final Notifications

Hi (REDACTED)

As both Colonsay (FS1296) and Grey Horse Channel Outer (FS1334) are now fallow could Mowi Scotland Ltd please submit updated Final Notifications for the attached incidents.

If there will be any continued delay to the provision of this information could Mowi Scotland Ltd please provide details of why the information is not currently available and an estimation of a date when this information will be provided?

Regards
(REDACTED)

(REDACTED)

Technical Manager - Fish Health Inspectorate

Marine Scotland – Science

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

Tel: (REDACTED)

S/B: +44 (0)131 244 2500

Mob:(REDACTED)

FAX: +44 (0)131 244 0944

e: (REDACTED)@gov.scot

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

From: (REDACTED) (MARLAB) <(REDACTED)@gov.scot>
Sent: 28 September 2022 12:29
To: (REDACTED) <(REDACTED)@gov.scot>; (REDACTED) <(REDACTED)@gov.scot>; (REDACTED) <(REDACTED)@gov.scot>; (REDACTED) <(REDACTED)@gov.scot>; (REDACTED) (MARLAB) <(REDACTED)@gov.scot>
Cc: (REDACTED) <(REDACTED)@gov.scot>
Subject: RE: Final Notification for Colonsay

Hi All,

I had a meeting today with Mowi Scotland Ltd regarding the final escape notification. They presented information regarding the discrepancies in fish numbers across the pens at the Colonsay site. These discrepancies have been due to fish health issues and problems in recording mortalities across the site.

My suggested resolution to use the official census figures, to establish the number of fish lost due to the containment breach, would have been an oversimplification and would have resulted in a significant over estimation of number of escaped fish. An additional complication is also encountered as the pen which suffered the breach in containment was subsequently split over a number of cages which would also have had discrepancies occurring due to the issues in recording mortalities.

Mowi Scotland Ltd will calculate the discrepancies across the cages which received fish from the pen suffering the breach in containment, minus the average discrepancy per pen due to mortalities at the site. This new estimation of number of fish which may have breached containment will be submitted as an update to the final notification.

I will update you further when this is received. If you have any queries please let me know.

Regards

(REDACTED)

From: (REDACTED)
Sent: 20 September 2022 16:53
To: (REDACTED) <(REDACTED)@gov.scot>; (REDACTED) <(REDACTED)@gov.scot>; (REDACTED) <(REDACTED)@gov.scot>; (REDACTED) <(REDACTED)@gov.scot>; (REDACTED) (MARLAB) <(REDACTED)@gov.scot>
Cc: (REDACTED) <(REDACTED)@gov.scot>
Subject: FW: Final Notification for Colonsay

Hi All,

Please see the attached updated final notification and email correspondence below regarding the reported escape incident at Mowi Scotland Ltd's farm site Colonsay

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

From: (REDACTED)<(REDACTED)@gov.scot> **On Behalf Of** MS FishHealth

Sent: 12 July 2022 11:41

To: MS Communications <(REDACTED)@gov.scot>; Marine Scotland Intelligence <(REDACTED)@gov.scot>; Communications Net Zero & Rural Affairs <(REDACTED)@gov.scot>; (REDACTED)<(REDACTED)@gov.scot>; (REDACTED)@gov.scot>; (REDACTED)<(REDACTED)@gov.scot>; (REDACTED)<(REDACTED)@gov.scot>; (REDACTED)<(REDACTED)@gov.scot>; (REDACTED)<(REDACTED)@gov.scot>; (REDACTED)<(REDACTED)@gov.scot>

Cc: MS FishHealth <MS.FishHealth@gov.scot>

Subject: FW: Final Notification for Mowi's Colonsay site

Good morning,

Please find attached the final notification for MSe160622SAL1.

Kind regards,
(REDACTED)

(REDACTED)

Marine Scotland – Science

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

Tel: (REDACTED)

S/B: +44 (0)131 244 2500

e: MS.fishhealth@gov.scot

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

From: (REDACTED)<(REDACTED)@mowi.com>

Sent: 08 July 2022 12:54

To: MS FishHealth <MS.FishHealth@gov.scot>

Subject: Final Notification for Mowi's Colonsay site

Good afternoon

Please see attached the final notification which has been completed as best we can until such time as the harvest is completed in September.

Best regards

(REDACTED)

MowiScotland Ltd.

Mobile: (REDACTED)

DDI: (REDACTED)

Mail: [\(REDACTED\)@mowi.com](mailto:(REDACTED)@mowi.com)

Office: Mowi

Farms Office

Glen Nevis Business Park

Fort William

(REDACTED)<(REDACTED)@gov.scot>; (REDACTED)) <(REDACTED)@gov.scot>;
(REDACTED)<(REDACTED)@gov.scot>; (REDACTED)<(REDACTED)@gov.scot>; (REDACTED) (MARLAB)
<(REDACTED)@gov.scot>; (REDACTED)<(REDACTED)@gov.scot>; (REDACTED) (MARLAB)
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<(REDACTED)@gov.scot>; (REDACTED) <(REDACTED)@gov.scot>; MS Communications
<(REDACTED)@gov.scot>; Communications Net Zero & Rural Affairs <(REDACTED)@gov.scot>;
(REDACTED) <(REDACTED)@gov.scot>; (REDACTED) <(REDACTED)@gov.scot>; (REDACTED)
<(REDACTED)@gov.scot>; (REDACTED) <(REDACTED)@gov.scot>

Subject: Information to Note - Fish Farm Escape and Mortality Incidents - Holding Lines for Comms

Good Afternoon PO

Ministers and communication colleagues will wish to be aware of the following fish farm escape and mortality incidents.

Details of Escape

- Date of Incident: 2 June 2022
- Site Location: North Uist – Mowi
- Species: Atlantic Salmon
- Age in months: 14
- Weight: 2.9kg
- Reason for Escape: Hole in Net.

A final notification received 13 September 2022 confirmed that the total number of fish escaped was **32,463**.

Circumstances surrounding the Escape (as reported)

Whilst lowering a sinker ring post-harvest, it appears something has snagged underwater and subsequently caused a tear in netting approx. 8m long and 0.3m wide. Nothing untoward was noticed at the time of lowering and the damage was identified and repaired quickly. Weather conditions were good.

Follow-up Action

Removal of fish out of pens on site and nets with this design fault have been discarded. These nets are no longer in circulation by the company. A containment investigation was completed by the Fish Health Inspectorate. An audit report with recommendations will be provided to the site.

Potential Escape at Colonsay fish farm

Ministers will wish to be aware that we await the final notification from a potential escape incident at another Mowi fish farming site in Colonsay from June. We expect

the final notification next week and will provide an update to Ministers. Colonsay fish farm has reported 6 escape incidents and near misses since 2019, with 73,000 fish lost in 2020 in a storm event.

Annual Escapes Data (based on estimated and final notification reports published on Scotland's Aquaculture Website)

Year	Fish Escapes
2012	40, 957
2013	40, 754
2014	184,618
2015	18, 096
2016	11,496
2017	31,161
2018	53, 301
2019	70, 307
2020	206, 522
2021	19, 738
2022 (to date)	36, 381

Communications Activity

The details of the escape incident will be uploaded to Scotland's Aquaculture Website next week. We expect that there will be media activity at a future date. Past events of this scale have attracted significant media attention. Holding communication lines for the weekend are provided.

Holding Lines

- The Scottish Government is working to support fish farms towards the goal of 100% containment. In our response to the Salmon Interactions Working Group report last year, we committed to strengthening the escapes regulatory regime and to work towards introducing fines for fish farm escapes, with the ultimate goal of ring-fencing fees for wild salmonid conservation and research.
- In 2021 Scottish Government published a Code of Practice for containment to manage the interactions with marine mammals.
- Later this year, we will publish a revised Technical Standard for Scottish Finfish Aquaculture to further improve containment of farmed fish.
- This latest escape event is disappointing. The Fish Health Inspectorate has attended site to conduct an investigation and will make recommendations to the farm in order to avoid similar events in future.

Best regards

WEB:

OFFICE: Stob Ban House
Glen Nevis Business Park
Fort William
PH33 6RX



initial notification
16.06.2022.docx

From: (REDACTED) (MARLAB)
Sent: 20 January 2023 11:03
To: (REDACTED) <[\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)>
Subject: RE: Trial for new weighting system at Colonsay

Or just to understand what their process has been and whether anyone has actually documented the review.

From: (REDACTED) <[\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)>
Sent: 20 January 2023 10:58
To: (REDACTED) (MARLAB) <[\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)>
Subject: RE: Trial for new weighting system at Colonsay

I will get back to them for further evidence.

Cheers

From: (REDACTED) (MARLAB) <[\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)>
Sent: 20 January 2023 10:55
To: (REDACTED) <[\(REDACTED\)@gov.scot](mailto:(REDACTED)@gov.scot)>
Subject: RE: Trial for new weighting system at Colonsay

Hi (REDACTED)

I'm not sure that Mowi Scotland Ltd have fully understood what was required. They have conducted work to repair, service, replace or refurbish the equipment, however, the documented reviews were also to consider whether the procedures and equipment in place were adequate or if they required improvement. The decisions on whether to change procedures and equipment or not being documented by the reviews. The new equipment designs being trialled are fine but the documented reviews should have established the considerations for making the changes. Do they have evidence of these discussions and decisions to satisfy the requirement for documented review? Perhaps these are just recorded in communications between themselves and manufacturers/service companies? Or they haven't really conducted a documented review and have only asked suppliers to improve the equipment spec?

Cheers
(REDACTED)

From: (REDACTED) <(REDACTED)@gov.scot>
Sent: 17 January 2023 13:37
To: (REDACTED) (MARLAB) <(REDACTED)@gov.scot>
Subject: Trial for new weighting system at Colonsay

HI (REDACTED)

Just to make you aware, MOWI are trialling some new gear out at Colonsay following the escape that occurred last year.

I have got back to (REDACTED) requesting the following:

- The Aqualine inspection log is dated 2015, do you have a revised risk assessment for the inspection of pens and moorings to support that this document is still suitable?
- Although you have submitted a trial design for improving the weighting mechanism, could you please also provide the SOP, risk assessment and contingency plan for raising and lowering the proposed new weighting systems to prevent escapes.

When do you expect to deploy the new CFR nets and the new weighting systems on the Colonsay site?

Have you got any further comments for this one?

(REDACTED)