

Mackinnon, Alison

From: Baird, Stuart
Sent: 29 August 2016 15:18
To: Wells, Mark; Sinclair, Douglas
Cc: MacNaught, Kevin
Subject: RE: SLICE Board report item DRAFT

Mark,

that is suitably bland as not to set too many hares a racing. I don't expect that we want to mention the SARF report by name.

It may be worth mentioning that we are seeking a review of the Environmental standard as well as awaiting the further research.

Stuart

From: Wells, Mark
Sent: 29 August 2016 12:10
To: Baird, Stuart; Sinclair, Douglas
Cc: MacNaught, Kevin
Subject: SLICE Board report item DRAFT

Attached is a first draft at a piece for the Board report, by way of prompting comment/input

Cheers

MARK

Mackinnon, Alison

From: Baird, Stuart
Sent: 01 September 2016 16:55
To: MacNaught, Kevin; Wells, Mark; Sinclair, Douglas
Subject: RE: CEO Board report for Board Meeting on 26 September

Hopefully Douglas will have a chance to review before Monday, it looks ok to me but I'm not involved in SAIC stuff.

We are still seeking funding for the EQS review so some visibility of this at AMT level will be helpful in securing funding.

Stuart

From: MacNaught, Kevin
Sent: 01 September 2016 14:51
To: Wells, Mark; Sinclair, Douglas; Baird, Stuart
Subject: RE: CEO Board report for Board Meeting on 26 September

More info included in the attached.
Cheers

From: Wells, Mark
Sent: 01 September 2016 14:17
To: MacNaught, Kevin; Sinclair, Douglas; Baird, Stuart
Subject: RE: CEO Board report for Board Meeting on 26 September

Thanks Kev - was there something more specific in the SAIC stuff about sea louse treatment? I thought so. If so, could we beef up that but a little.
Cheers

Sent with Good (www.good.com)

-----Original Message-----

From: MacNaught, Kevin
Sent: Thursday, September 01, 2016 01:55 PM GMT Standard Time
To: Wells, Mark; Sinclair, Douglas; Baird, Stuart
Subject: RE: CEO Board report for Board Meeting on 26 September

Hi all, have added info on the SAIC announcements into the attached and included a reference to the review of the environmental quality standard. Can you please check to see if you are happy with this?

Thanks,

Kevin

From: Wells, Mark
Sent: 01 September 2016 09:00
To: MacNaught, Kevin
Cc: Sinclair, Douglas; Baird, Stuart
Subject: FW: CEO Board report for Board Meeting on 26 September

Please note timescale - that's Monday!

Could you see about adding a bit to my draft which covers the recent SAIC announcements around innovation and research, particularly the sea louse project, referencing the fact that the industry is actively looking into alternative sea louse diagnostics and treatment.

Will catch up tomorrow

Cheers

Sent with Good (www.good.com)

-----Original Message-----

From: Henderson, Gavin

Sent: Wednesday, August 31, 2016 11:41 AM GMT Standard Time

To: Howard, Gayle; Ballantyne, Craig; MacNaught, Kevin; Wells, Mark

Subject: FW: CEO Board report for Board Meeting on 26 September

FYI - Next board report date

From: McLean, Margaret

Sent: 31 August 2016 11:08

To: Carlin, Fiona; Cunningham, Catherine; Faichney, Jenny; Fotheringham, Beth; Green, Jo; Henderson, Gavin; Johnston, Carol; Lovell, Fraser; Mackinnon, Alison; Martin, Fiona; Miller, Dawn; Moffat, Lorraine; Russell, Jennifer; Stephan, Setareh; Turner, Anne; York, Alison

Subject: CEO Board report for Board Meeting on 26 September

Hi All

Please note the deadline for submissions for the above report is 5 September, thanks.

Kind regards
Margaret


Margaret McLean
Personal Assistant to Terry A'Hearn
Chief Executive

Scottish Environment Protection Agency | Strathallan House | Castle Business Park | Stirling FK9 4TZ

T: 01786 457701

e: Margaret.McLean@sepa.org.uk

w: www.sepa.org.uk

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Mackinnon, Alison

From: Sinclair, Douglas
Sent: 02 September 2016 16:04
To: MacNaught, Kevin; Wells, Mark; Baird, Stuart
Subject: RE: CEO Board report for Board Meeting on 26 September
Attachments: SLICE Board Report item DRAFT -km additions.DS.docx

Hi folks

I have made a few changes to this. While the SAIC project on seabed assessment techniques is topical, it doesn't connect that directly to the Sclic of sea louse treatment issues, if we are wanting to include news from SAIC then the cleanerfish work, see: <http://scottishaquaculture.com/non-medicinal-sea-lice-control-takes-another-step-forward/> is more relevant as is the investment in non-medicinal louse removal by SSF, see: <http://www.bbc.co.uk/news/uk-scotland-scotland-business-36815399> albeit that both of these stories are 6-8 weeks old.

Happy to discuss as ever.

D

Douglas Sinclair
Specialist I (Aquaculture)
SEPA Orkney Office
Norlantic House
KIRKWALL
Orkney
KW15 1GR

Tel: 01856 871080
Mob:
Fax: 01856 871090
SEPA Extn: 2729
E-mail: douglas.sinclair@sepa.org.uk

I no longer work on Mondays, normally available Tuesday - Friday.
During absences from the office, my e-mails may be read and you may receive a response from Anne Mitchell, Senior Admin Officer in the SEPA Orkney Office.

 **Consider the environment. Please don't print this e-mail unless you really need to.**

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Stephan, Setareh; Turner, Anne; York, Alison

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Margaret

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Personal Assistant to Terry A'Hearn
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SLICE – text for CEO Board Report September 2 September 2016

Regulation of the use of the sea louse treatment SLICE at Scottish fish farms

Sea lice can be a problem when large numbers of fish are concentrated in fish-farms. One method of controlling sea lice is the use of authorised medicines as an in-feed treatment. SEPA controls the use of such medicines by conditions included in our fish farm licences. The aim of the controls on use being to restrict the concentrations of residues in the environment to within a safe environmental standard. The approach used by SEPA is based on, using the best available evidence. Recent research has confirmed a subtle but statistically likely, and unexpected, association between impact on the marine environment and the use of the sea louse medicine SLICE, containing the active ingredient, emamectin benzoate.

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Where robust evidence suggests that some part of our regulatory regime is not providing the expected and required level of environmental protection, we must take action to reduce or remove the potential for those impacts. In this case, and following careful consideration, we are intending to change the conditions under which the use of SLICE is permitted by SEPA through fish farm licences. This will allow the medicine to continue to be available to fish farmers, but subject to tighter restrictions on the frequency and quantity of use. These arrangements are likely to remain in place for a period of two years which will allow SEPA and the industry to carry out further research to either confirm or confound the apparent link between SLICE use and possible environmental effects.

SEPA is also seeking a review of the environmental quality standard and for Slice and is working in partnership with the fish farming industry, the Scottish Government, the Scottish Aquaculture Innovation Centre and other key partners, to explore the potential for the development of alternative means of controlling sea lice, which minimise the risk to our marine environment.

Several articles have appeared in the press recently reporting that the industry is actively looking into alternative means of sea louse treatment. The Scottish Aquaculture Innovation Centre has issued a press release on its investment in projects to drive forward the use of cleanerfish. Additionally, fish farming companies such as Scottish Seafarms Ltd have invested in non-medicinal means of removing lice where the salmon are briefly bathed in lukewarm water. SEPA is strongly supportive of these alternative approaches.

- Deleted: diagnostics and
- Deleted: recently
- Deleted: improve biodiversity and fish health in farming
- Deleted: This includes an 18-month project, led by Marine Harvest Scotland in partnership with the Scottish Association for Marine Sciences, UHI Inverness College, Rivers and Lochs Institute and SEPA, to develop a new, more efficient method of monitoring the diversity of organisms living in the seabed around fish cages.

Mackinnon, Alison

From: Ahearn, Terry
Sent: 14 September 2016 16:49
To: McLean, Margaret; Moffat, Lorraine; Faichney, Jenny; Wells, Mark; Lovell, Fraser
Subject: RE: CEO Report to the Board - Sept meeting (text for approval for sending to SG)

All,

My main concern is that the Board is given accurate information.

Given the challenges in getting the wording right and not misleading people, let's drop this material and Bob and I will give a verbal update.

This will ensure we can accurately report the issue and SEPA's current and future action to the Board.

Terry.

Sent with Good (www.good.com)

-----Original Message-----

From: McLean, Margaret
Sent: Wednesday, September 14, 2016 04:19 PM GMT Standard Time
To: Ahearn, Terry
Subject: FW: CEO Report to the Board - Sept meeting (text for approval for sending to SG)

T, please see below from Lorraine

Kind regards
Margaret

From: Moffat, Lorraine
Sent: 14 September 2016 15:06
To: McLean, Margaret
Subject: FW: CEO Report to the Board - Sept meeting (text for approval for sending to SG)
Importance: High

Hi Margaret

Has Terry approved this for Scot Gov and answered Jenny's query.

Thanks

Lorraine Moffat
Senior Administrative Officer
Executive Support
Tel: 01786 452492
Email: lorraine.moffat@sepa.org.uk

From: Faichney, Jenny

Sent: 13 September 2016 11:06

To: Ahearn, Terry

Cc: McLean, Margaret; Moffat, Lorraine; McWhirter, Jennifer; Brodie, Donna; Green, Jo; Carroll, Denise; Wells, Mark; Lovell, Fraser

Subject: CEO Report to the Board - Sept meeting (text for approval for sending to SG)

Importance: High

Hi Terry,

I've attached the latest version of your draft Board report to approve before it goes to SG tomorrow.

Regulatory Services Legal (Fraser) and Comms (Mark) have already reviewed this version and we have one outstanding query re Para 1.1.6 (p4) on '**Regulation of the use of the sea louse treatment SLICE at Scottish fish farms**'. We wanted to ensure that you are happy with that text being in the public domain given the external queries likely to be generated from your report once it is on SEPA's website.

Fraser expressed concerns about saying SEPA intends to change the licence conditions as people could seek to see relevant documentation, e.g. under FOI, before a decision is formally made and it may take some time for SEPA to consider and process such requests.

An alternative way of handling this could be to remove this section from your written report but for the Board to be verbally advised of this issue when Bob speaks about the meeting with the SSPO in his update to the Board. *The paragraphs could go into the annotated agenda as a prompt and the minute of the meeting will reflect the update in brief.*

I also spoke to Jenn about the possibility of having this as a standalone agenda item for the Board to be informed in private, but we consider that this is likely to also generate FOI enquiries by drawing further attention to the issue on the agenda.

Please let me know what your preference is for this text and we'll ensure the SG get the approved version of your report, together with your intro, tomorrow to review.

Many thanks

Jenny

From: McLean, Margaret

Sent: 31 August 2016 11:08

To: Carlin, Fiona; Cunningham, Catherine; Faichney, Jenny; Fotheringham, Beth; Green, Jo; Henderson, Gavin; Johnston, Carol; Lovell, Fraser; Mackinnon, Alison; Martin, Fiona; Miller, Dawn; Moffat, Lorraine; Russell, Jennifer; Stephan, Setareh; Turner, Anne; York, Alison

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Margaret

Margaret McLean

Personal Assistant to Terry A'Hearn

Chief Executive