

[Redacted]

From: [Redacted]
Sent: 27 March 2018 16:26
To: [Redacted]
Subject: FW: Ectosan / CleanTreat

From: [Redacted]
Sent: 13 December 2017 08:59
To: [Redacted] @bmkanimalhealth.com
Subject: Ectosan / CleanTreat

Hj [Redacted]

I work in **the** fish and shellfish health policy division of Scottish Government. I have inherited your business card from a colleague who left our unit at the start of this year [Redacted]

I noted the recent article on Ectosan in fish farming expert with interest. I am aware that trials are ongoing, however I was hoping you might be able to give me some further information?
Are you able to give an update on the status of trials in Norway? (for example, are you currently going through the authorisation process?)

I would also be interested to know if the CleanTreat system is already in use in Norwegian aquaculture.

Grateful for any info you can provide

Best regards

[Redacted]

Marine Scotland – Performance, Aquaculture and Recreational Fisheries
Tel: [Redacted]
E-mail [Redacted] @gov.scot
Web: <http://www.scotland.gov.uk/marinescotland>
Mail: Scottish Government, 1B North, Victoria Quay, Edinburgh EH6 6QQ

[Redacted]

From: [Redacted]
Sent: 27 March 2018 16:16
To: [Redacted]
Subject: FW: Ectosan sea lice treatment

From: [Redacted]
Sent: 13 December 2017 14:01
To: [Redacted]
Cc: [Redacted]
Subject: RE: Ectosan sea lice treatment

Hi [Redacted]

Thanks for the Ectosan press release.

I note that Benchmark describe Ectosan as a follow on product to Salmosan. There's no publicly available on active ingredients, but I wonder if it's also azamethiphos-based, with the associated regulatory controls and need to avoid sea lice resistance, etc?

Regarding CleanTreat, this water purification system was presented at a SSPO meeting last week – again, no details provided on how the tech works, which made some of the audience a bit sceptical. Interestingly, it was mentioned that the shipping container-based modules would need to be multiplied up to enable treatment of commercial scale water volumes. As I understood things, this would in turn need a secondary vessel alongside the well boat. Finally, it was mentioned that initial discussion have been had with SEPA, but no indication as to how advanced these are.

I hope this is of some help!

Best regards,

[Redacted]

[Redacted]

[Redacted]

Scottish Aquaculture Innovation Centre
(t)[Redacted] (m)[Redacted] (w) scottishaquaculture.com [Connect+Collaborate](#)



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Proud to support the winning projects of the **Innovation Award** at the Scottish Food & Drink Excellence Awards 2016 and **Innovative Collaboration Award** at the Scottish Enterprise Life Science Awards 2016.

The Scottish Aquaculture Innovation Centre is hosted by the University of Stirling and based at Unit 19, Scion House, Stirling University Innovation Park, Stirling FK9 4NF.

From:[Redacted] @gov.scot]
Sent: 13 December 2017 11:13
To:[Redacted] @scottishaquaculture.com>
Cc:[Redacted] @gov.scot
Subject: Ectosan sea lice treatment

Morning [Redacted]

I am sure you are already aware of the article <https://www.fishfarmingexpert.com/news/new-lice-bath-100-effective-and-pollution-free/> but I wondered if you had any further readout around this particular innovation which on face value could be a significant game-changer. As I recall, Benchmark are an industry member of SAIC.

Regards

[Redacted]

[Redacted]

Marine Scotland

Scottish Government | Area 1-B North | Victoria Quay | EH6 6QQ

T:[Redacted]
[Redacted]

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Tha am post-d seo (agus faidhle neo ceanglan còmhla ris) dhan neach neo luchd-ainmichte a-mhàin. Chan eil e ceadachd a chleachdadh ann an dòigh sam bith, a' toirt a-steach còraichean, foillseachadh neo sgaoileadh, gun chead. Ma 's e is gun d'fhuair sibh seo gun fhiosd', bu choir cur às dhan phost-d agus lethbhreac sam bith air an t-siostam agaibh agus fios a leigeil chun neach a sgaoil am post-d gun dàil. Dh'fhaodadh gum bi teachdaireachd sam bith bho Riaghaltas na h-Alba air a chlàradh neo air a sgrùdadh airson dearbhadh gu bheil an siostam ag obair gu h-èifeachdach neo airson adhbhar laghail eile. Dh'fhaodadh nach eil beachdan anns a' phost-d seo co-ionann ri beachdan Riaghaltas na h-Alba.

[Redacted]

From: [Redacted]
Sent: 27 March 2018 16:23
To: [Redacted]
Subject: FW: Ectosan sea lice treatment

From: [Redacted] (MARLAB)
Sent: 14 December 2017 10:17
To: [Redacted]
Subject: RE: Ectosan sea lice treatment

On the original topic – Benchmark presented on the Cleantreat system – in principle (if as effective as is presented) it is a good, if expensive, solution to discharge consent for bath treatments. If it is used as suggested it could remove the rate limiting factor of discharge consent for bath treatments – however, I'm not sure that there is sufficient wellboat capacity to use it as suggested.

Happy to discuss further.

[Redacted]

[Redacted]

Marine Scotland | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

Tel: [Redacted]

Mobile: [Redacted]

www.gov.scot/marinescotland

From: [Redacted]
Sent: 13 December 2017 15:17
To: [Redacted] (MARLAB)
Cc: [Redacted]
Subject: FW: Ectosan sea lice treatment

Hi [Redacted]

[Redacted] email has reminded me that the SSPO health event was this week.

Did you present/ attend as planned?

From: [Redacted] scottishaquaculture.com
Sent: 13 December 2017 14:01
To: [Redacted]
Cc: [Redacted]
Subject: RE: Ectosan sea lice treatment

Hi [Redacted]

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Scottish Aquaculture Innovation Centre

(t)[Redacted] (m)[Redacted] (w) scottishaquaculture.com [Connect+Collaborate](#)



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