

Waddington, Zac

From: Waddington, Zac
Sent: May-18-18 9:30 AM
To: Jensen, Neil; Doucette, Claire
Cc: Walde, Kirsty; Knight, Joe; Manore, Chris; Paylor, Adrienne
Subject: RE: Clayoquot sea lice graphs

Thanks very much for looking into this. I was not yet working for DFO in the spring of 2017 with the Esperanza lice issue, but from my understanding, this situation is different, [REDACTED]

[REDACTED] We have graphed the absolute sea lice inventory on farms over threshold, and found that the management plan submitted by Cermaq (harvesting), did not meet the criteria of reducing absolute sea lice inventory in the month of March, and graphs for the month of April are pending. I shared the graphs with Claire and can redistribute if necessary (or you can also just speak to Krista S. directly).

All that said, I recognize and agree that our COL are very weak in many areas, and would support opening the licence to change and strengthen our conditions to make them enforceable. In the interim, I was just hoping that this situation in Clayoquot could be reviewed [REDACTED] Unlike the previous situation in Esperanza, here we have documentation demonstrating the failure of their plan to reduce absolute sea lice inventory as per a condition of licence.

Zac

From: Jensen, Neil
Sent: May-17-18 9:05 AM
To: Doucette, Claire; Waddington, Zac
Cc: Walde, Kirsty; Knight, Joe; Manore, Chris
Subject: RE: Clayoquot sea lice graphs

Hi Claire and Zac,

C&P staff looked at this COL in the past and recommended a change as it was not viewed as enforceable. As I understand it, despite the recommendation, no changes were made to the COL and the current wording became fixed for the duration of the licence. A major limitation of the multi-year licences is that COLs may not be amended except for "the purposes of the conservation and protection of fish" (Fishery (General) Regulations, sec. 22(2)). This issue came up last year with an issue of large numbers of sea lice at Grieg on the West coast of Vancouver Island and C&P was asked investigate. However, the only thing that the company can be compelled or held legally accountable for is "implementing a plan" – whatever that means. There is no measure or quantifiable action that we can determine happened or not (i.e. within a prescribed time period). As long as the company has a plan and implements it, they are in compliance of the COL. For example, if they discovered the sea lice and ordered up hydrogen peroxide treatments and a well boat, but it will take 6 months to get in place in order to reduce the number of sea lice, they would be compliant. [REDACTED]

The only avenue that I can recommend is that you try to convince Allison [REDACTED] that the COL needs to be changed for conservation and protection reasons (for wild fish). They may have considered this last year, but I wasn't involved in

s.21(1)(b)

any of those discussions if they did occur. If there is agreement that the COL can be amended, C&P staff would be happy to help you develop an enforceable COL.

Neil Jensen

Fishery Officer / Agent des pêches

Senior Compliance Officer / Conservation and Protection / Aquaculture
Fisheries and Oceans Canada / Government of Canada
Neil.Jensen@dfo-mpo.gc.ca / Tel : 250-754-0386
2 – 1965 Island Diesel Way, Nanaimo, BC V9S 5W8

Agent principal d'application de la réglementation / Conservation et Protection / Aquaculture
Pêches et Océans Canada / Gouvernement du Canada
Neil.Jensen@dfo-mpo.gc.ca / Tél: 250-754-0386
2 – 1965, chemin Island Diesel, Nanaimo, CB V9S 5W8

From: Doucette, Claire
Sent: May-17-18 7:30 AM
To: Waddington, Zac
Cc: Jensen, Neil; Walde, Kirsty
Subject: FW: Clayoquot sea lice graphs

Zac, I am sorry, I was in meetings for most of yesterday and didn't have a chance to read through this however, as discussed Neil Jensen is well aware of the COL and the issues surrounding sea lice. Neil, Zac is seeking clarification on the issue surrounding our capacity to charge. [REDACTED] Zac has provided below his information. I appreciate shellfish is your bailiwick but you know a lot on the matter. Kirsty, feel free to feed in.

Thank you
Claire

From: Waddington, Zac
Sent: Wednesday, May 16, 2018 9:43 PM
To: Doucette, Claire <Claire.Doucette@dfo-mpo.gc.ca>
Subject: RE: Clayoquot sea lice graphs

Sorry to bug you again, but I'm curious if you've had a chance to review this and what your thoughts were regarding it?

Zac

From: Waddington, Zac
Sent: May-14-18 4:15 PM
To: Doucette, Claire
Subject: FW: Clayoquot sea lice graphs

Please see the hyperlink below which has numerous graphs based on industry reported sea lice data. Please focus on the "Total Lice Abundance" tab which demonstrates the absolute sea lice inventory on the various farms. This is calculated by multiplying the mid-month inventory on farm, by an average of the month's sea lice counts; therefore we only get one data point per month. Industry reports their monthly inventory and sea lice numbers for each month, on the month following by the 15th. Therefore, our current graphs only have data up until the end of March, but by tomorrow we could update these graphs until the end of April. Based on the lice numbers I've seen, there is no expectation that things have improved, with the exception of Millar Channel which has been harvested out.

s.21(1)(b)