

Keith, Ian

From:	Keith, Ian	s.19(1)
Sent:	January-27-17 2:19 AM	s.20(1)(b)
To:	Saksida, Sonja	s.21(1)(b)
Subject:	Esperanza Inlet	s.23

Hi there,

You were aware of Grieg of SLICE tolerance at the Esperanza Inlet site, Steamer. Bioassay, 2014, before effective treatment, [REDACTED] There were 3 treatments in the interim. [REDACTED]

[REDACTED] told me today that Marine Harvest cannot give them use of the barge and equipment for the Paramove that they submitted as their plan. (I knew this this morning because Howie said that MHC was using their well boat to control lice levels at Sheep while harvest is going on. (I left a message [REDACTED] asking if there were withdrawl requirements.))

On Monday's call with Karen I ended the call with my concern that Grieg would do just what they've done. If numbers are below in February, you can use harvest in the outmigration period. [REDACTED] said that they were going to harvest some fish to reduce absolute lice inventory ahead of March 1, and are purchasing their own barge which would allow them to treat and harvest during outmigration. I said that I would take his proposal up the chain.

Howie warned me about licence conditions, [REDACTED] [REDACTED]. We all know this but I know there are conservation units of concern (chinook) in Esperanza Inlet that were used to deny Grieg adding chinook to their Esperanza licences in 2012. [REDACTED]

Two science questions. [REDACTED]

IF there is a selected population in the Inlet, then harvest with capturing lice with lice socks and harvest is necessary; Marine Harvest [REDACTED] when skimming the water surface when tarping for peroxide treatment.

The alternate source of the tolerant lice is Nootka; there was evidence of failure June 2015 in the lice data, and when questioned [REDACTED] agreed with my interpretation.

[REDACTED] has lice DNA from Esperanza and Nootka.

2. The fish that went from Esperanza Inlet to Noo-la (Broughton) occurred in April. According to what they sent Krista [REDACTED] on site they said the fish were from Steamer that reported 0.2 mobiles in March and 0.1 mobiles in April. [REDACTED] said that they would be doing a bioassay at Noo-la prior to SLICE treatment but the report came in yesterday, 5.38 abundance with an anticipated commencement of treatment on Tuesday, Jan 31. [REDACTED]

[redacted] There were [redacted] fish transferred and these were much larger than the others so there will be [redacted] fish in these 4 pens.

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