

**From:** Lewis, John  
**Sent:** Monday, March 1, 2010 8:26 PM  
**To:** Higgins, Linda <Linda.Higgins@dfo-mpo.gc.ca>; Jubinville, Bryan <Bryan.Jubinville@dfo-mpo.gc.ca>; Paike, Larry <Larry.Paike@dfo-mpo.gc.ca>; Robson, Jim <Jim.Robson@dfo-mpo.gc.ca>; Thompson, Steve <Steve.Thompson@dfo-mpo.gc.ca>  
**Cc:** Lewis, John <John.Lewis@dfo-mpo.gc.ca>  
**Subject:** FW: Aquaculture incidents: note Gold River MM comments protected B

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fyi only

thx steve and jim for both your quick response. well done today.

*John Lewis, Area Chief  
Conservation and Protection  
Fisheries and Oceans Canada  
South Coast Area  
(250) 756-7159office  
Not Relevant (cell)  
<mailto:john.Lewis@dfo-mpo.gc.ca>*

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**From:** Sprout, Paul  
**Sent:** Monday, March 01, 2010 8:12 PM  
**To:** Nelson, Randy; Shepherd, Jaclyn; Lemieux, Pierre - HQ; Steele, Paul; Swerdfager, Trevor  
**Cc:** Lewis, John; Farlinger, Susan; Thomson, Andrew  
**Subject:** Re: Aquaculture incidents: note Gold River MM comments protected B

Randy, I am concerned about these observations. If we have information that suggests non compliance, this needs to be brought to the Province's attention. With this in mind please consider what follow up may be necessary in terms of informing the Province and please discuss this with Andy. In the meantime I have asked my office to set up a meeting among DFO to discuss the issue being raised currently about slice resistance. John will be part of this discussion. Paul

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Paul Sprout  
Sent using BlackBerry

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**From:** Nelson, Randy  
**To:** Shepherd, Jaclyn; Lemieux, Pierre - HQ; Sprout, Paul; Steele, Paul; Swerdfager, Trevor  
**Sent:** Mon Mar 01 22:33:10 2010  
**Subject:** FW: Aquaculture incidents: note Gold River MM comments protected B

Fyi, for those who may think this industry is compliant, almost every report to C&P has been validated by much larger problems than reported. Clearly the province's approach has been ineffective. I've been very clear to staff that the primary task still belongs to the province but we have investigated marine mammal kills and by catch reports which are our problem. Once we begin targeted patrols (if we get the staff) I expect we'll find numerous violations. I think it's very clear that to be effective we'll have to have the resources especially in the first couple of years. I understand economic prosperity is a goal and I expect with the right approach the industry will come into compliance.

C&P is still waiting to see proposed org. structures and rationale, despite the integrated, inclusive approach for our proposals.

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

**From:** Lewis, John  
**Sent:** March 1, 2010 7:14 PM  
**To:** Miller, Gary  
**Cc:** Lewis, John; Nelson, Randy; Williams, Chris  
**Subject:** FW: Aquaculture incidents: note Gold River MM comments protected B

Hopefully this suffices gary. It is a busy time.

*John Lewis, Area Chief  
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**From:** Robson, Jim  
**Sent:** Monday, March 01, 2010 4:12 PM  
**To:** Lewis, John  
**Cc:** Knight, Jason  
**Subject:** RE: Aquaculture incidents: note Gold River MM comments protected B

10-4, major computer issues continue today. Can not access the systems. IT is working on it. WCVI incidents have not been entered in DVS yet. Very limited sporadic DVS access I won't be able to get the full details until Wednesday when Jason/Greg return to Gold River

Of note is that Gold River staff have been fully tasked over the past two months on the aquaculture file. They have conducted site visits, responded to mm reports and conducted ROV operations. Staff time has been considerable with ~2.5 K OT expended and ~1.5 K O&M. Further work is required including possible warrants.

Port Alberni Staff have assisted in Nootka and undertaken Clayoquot and Barkley Sound inspections and patrols. FEATS should give some effort hours if/when the data is entered and accessible for reports (CITRIX issues).

**Marine mammals :**

- Conception Point Nootka Sound 26 Sea Lions/1 seal investigation initiated. (Jan 5 Not Relevant discovery reported Jan 6 to DFO)
- Atrevida Nootka Sound 11+ #'s of Sea Lions entangled investigation initiated (Jan 26 Not Relevant discovery reported Feb 3 to DFO)
- Not Relevant Clayoquot Sound 1 Seal lion; No C&P action requested by Aqua Mgt. Aqua. Mtg, C&P and Not Relevant report huge numbers of animals in the general area but current controls appear to be working. DFO/Aqua. Mgt. patrol to area confirm sea lion presence likely due to high numbers of Pilchard in region.

Note: [Not Relevant] currently under investigation for MM violations. Early indications of minimal due diligence: insufficient management measures, poor response & lack of predator net use.

**Escapes:**

- Potential escape due to holes in nets reported Jan 6 [Not Relevant] while Provencal Staff and DFO were inspecting in area.

**Sea Lice**

[Not Relevant]

Mid January Reports of infestations, purported drug resistance. Referred to Province for follow-up Provincial inspection Jan 6; DFO C&P accompanied provincial staff & vet as they monitored harvest operations. Aqua. management assisted by C&P following up with fact finding.

**Bi-Catch**

Barkley Sound: [Not Relevant]

Company: [Not Relevant]

Provencal site visit indicated Herring present in pounds; directions originally given to release fish belayed by DFO. Fail to release incidental catch/retain prohibited species. Smolt grow site with 10 net pens containing entrapped juvenile herring. Herring appear diseased with probable VHS of unknown strain. Sampling required to determine infection & strain.

C&P assisting Aqua. Mgt with inspections.

Site visit by C&P Aqua. Mgt.; Awaiting sampling and science based decision of how to proceed.

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**From:** Lewis, John  
**Sent:** March 1, 2010 2:40 PM  
**To:** Robson, Jim  
**Cc:** Thompson, Steve  
**Subject:** FW: Aquaculture incidents

Jim - something along the lines of what steve has provided would be good. Well done steve. Thanks.

*John Lewis, Area Chief  
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(250) 756-7159office)*

[Not Relevant]

<mailto:john.Lewis@dfo-mpo.gc.ca>

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**From:** Thompson, Steve  
**Sent:** Monday, March 01, 2010 2:27 PM  
**To:** Lewis, John  
**Cc:** Plummer, Greg  
**Subject:** RE: Aquaculture incidents

## BiCatch

- Bi-catch mortality during fish pumping operations which have included a range of species from hake to herring, sablefish and juvenile pink salmon. Some of the amounts of bi-catch mortality DFO has investigated has been significant(1-2 tonnes of herring). A. Morton private prosecution regarding pink salmon fry mortality which may be transferred to Federal Crown to prosecute. Also a juvenile herring violation file originating from the Port Hardy office which has been submitted to Crown for charge approval.

## Sea Lice

- Complaints from concerned citizens regarding the transport and redistribution of SLICE(pesticide used to treat farmed salmon for sea lice) resistant sea lice to Inside Waters(Discovery Passage). [Not Relevant] processed the farm fish and were found to be in compliance with the waste management permit which required a 500 micron filter. Concern raised regarding sea lice eggs which could pass through filter and unscreened effluent sources.

## Marine Mammal Mortality

- Recent incidents of sealion and seal mortality due to unintentional trapping of these animals between layers of netpen netting. WCVI detachment is investigating and assessing the diligence of farm operations in ensuring proper combination of predator netting and shark guards are utilized.

Date: July 15, 2009

Company: [Not Relevant]

Violation: Fail to release incidental catch and retain prohibited pink salmon fry during brood stock transfer.

DVS #: [Not Relevant]

Investigated by C&P, warning issued

Private information laid by Alexandra Morton

Outcome: Still in the court system

Date: October 6, 2009

Company: [Not Relevant]

Violation: Fail to release incidental catch and retain prohibited herring during smolt transfer.

DVS #: [Not Relevant]

Investigated by C&P, RTCC forwarded to DOJ

Outcome: DOJ awaiting outcome of private prosecution before making a determination to proceed with this file.

Date: January 14, 2010

Company: [Not Relevant]

Violation: Fail to release incidental catch and retain prohibited species (Offload of atlantic salmon at processing plant contained walleye pollock)

\*\*This is a daily occurrence at offload facility.

DVS #: [Not Relevant]

Investigated by C&P; Awaiting upper C&P decision as whether or not to proceed with investigations of this type.

These types of occurrences are frequent (staff statements) and as far as C&P can tell through recent investigation that the company is not exercising due diligence to ensure it does not happen in the future.

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**From:** Lewis, John

**Sent:** March 1, 2010 1:23 PM

**To:** Robson, Jim; Thompson, Steve; Plummer, Greg

**Subject:** FW: Aquaculture incidents

Appreciate if each of you can provide me some bullets to pull together a response for gary and chris. Appreciate if you could have something by the end of the day. Than you.

*John Lewis, Area Chief  
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Not Relevant

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**From:** Miller, Gary  
**Sent:** Monday, March 01, 2010 12:19 PM  
**To:** Lewis, John  
**Subject:** Aquaculture incidents

John

Chris W. and I are on a conf. call tomorrow re. aquaculture and staffing allocations. There seems still be a belief by some that the compliance rate in the industry extremely high. Can you provide, in bullet form a list of some of the things you have experienced in the last while regarding non compliance or that would be worthy of further action by C&P. Don't invest a lot of BTU's a quick list for now would be great.

Thanks John

*Gary L. Miller*

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