

From: Alex Morton [mailto:alexandramorton5@gmail.com]  
Sent: Tuesday, March 6, 2018 12:43 PM  
To: OfficeofthePremier, Office PREM:EX  
Cc: Meggs, Geoff PREM:EX; Popham, Lana; Heyman.MLA, George LASS:EX; Minister, FLNR FLNR:EX; president@ubcic.bc.ca; Furstenau.MLA, Sonia LASS:EX; Weaver.MLA, Andrew LASS:EX; Trevena.MLA, Claire F LASS:EX; Pamela Goldsmith-Jones  
Subject: Investigation in BC lab - update?

Dear Premier John Horgan:

I am writing to ask for an update on your investigation into the "integrity" of Dr. Gary Marty's lab. When can I expect an announcement?

There are serious concerns that failure by this lab to diagnose HSMI, the disease caused by piscine reovirus, has led to the Federal government permitting the transfer of tens of millions of farm salmon infected with the disease agent piscine reovirus, into wild salmon habitat.

In 2016, Dr. Marty co-published with Marine Harvest in a top-flight international scientific journal (PLoS One) that piscine reovirus does not cause the salmon heart disease HSMI in BC, "Western North American PRV Fails to Cause HSMI "

Then just a few months later he wrote two private emails suggesting that he knew the HSMI was occurring in BC salmon farms since 2008 and in fact was asking for credit in its discovery (attached).

His lab is the firewall between BC farm salmon health and what the public is allowed to know about BC farmed salmon health and unless there is significant explanation regarding the difference between the public and private conclusions of this lab I don't see how we can trust anything coming from the BC government on farm salmon health.

I can see this is a difficult process for you, but a lot of people and over 100 species of animals are potentially being impacted by the affect of this virus on wild salmon.

I have tried to make it easy to understand with this 5 minute video, which over 60,000 people have viewed between facebook and Vimeo <https://vimeo.com/258135790>

Such great solutions exist to this problem to the benefit of our economy, ecology, and the evolving relationship between the indigenous and non-indigenous people of BC, but like most problems, first your government has to realize there is a problem here. This has reached a state of extreme non-confidence.

All the best

Alexandra Morton  
250-974-7086

**Miller-Saunders, Kristi**

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**From:** Brian Riddell <briddell@PSF.CA>  
**Sent:** May-24-16 11:02 AM  
**To:** Miller-Saunders, Kristi  
**Subject:** RE: Comments for Public Interest Panel meeting of the Strategic Salmon Health Initiative (SSHI)

I can reply to this

**From:** Miller-Saunders, Kristi [mailto:Kristi.Saunders@dfo-mpo.gc.ca]  
**Sent:** May 23, 2016 9:39 PM  
**To:** Brian Riddell <briddell@PSF.CA>  
**Subject:** FW: Comments for Public Interest Panel meeting of the Strategic Salmon Health Initiative (SSHI)

Kristi Miller  
Head, Molecular Genetics  
Pacific Biological Station  
Nanaimo BC, Canada  
[kristi.miller@dfo-mpo.gc.ca](mailto:kristi.miller@dfo-mpo.gc.ca)

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

**From:** Marty, Gary D AGRI:EX [mailto:Gary.Marty@gov.bc.ca]  
**Sent:** Mon 5/23/2016 12:45 PM  
**To:** Miller-Saunders, Kristi; 'Brian Riddell'  
**Subject:** Comments for Public Interest Panel meeting of the Strategic Salmon Health Initiative (SSHI)

Hi Kristi and Brian,

I received an invitation [REDACTED] to attend a meeting of the Public Interest Panel on June 7. I responded, "On June 7, I will be traveling to the annual meeting of the Fish Health Section of the American Fisheries Society, so I will not be able to attend."

My input would be to ask for clarification about what the SSHI project has discovered.

In an e-mail that I sent to Kristi last Thursday, I provided public information about inflammation in the heart and skeletal muscle of BC fish that was reported up to three years before Friday's press release. This includes information that was reported in 2013 based on examination of fish from the same farm and the same outbreak as that reported in the press release. The information reported publicly in 2013 included, "these fish had inflammation of the heart and skeletal muscle, which are two features of HSMI".

Disease (definition) = any deviation from normal structure or function of a part, organ, or system of the body; the cause might be unknown; and, the mere presence of an infectious agent does not mean that the infectious agent is causing disease.

My understanding from our meeting on Wednesday is that the pathologists (Ferguson, DiCicco, and Marty) agree that the fish from the affected farm had inflammation of the heart and skeletal muscle, and we agree that these are the two morphologic features of HSMI. The only difference is that the SSHI team seems to be using a case definition for HSMI that is different from the HSMI case definition used over the past decade by the BC veterinarians, which could be stated in this way:

BC veterinarians - HSMI is diagnosed based on characteristic abnormalities in the heart and muscle, AND characteristic clinical signs (e.g., fish are lethargic, eat poorly, and growth is slower than normal).

SSHI researchers - HSMI is diagnosed based on characteristic abnormalities in the heart and muscle.

[REDACTED] when I read things like the following in a CBC news report (emphasis mine):

"A feared viral disease proven deadly in Norwegian fish farms has been confirmed for the first time by federal scientists studying farmed salmon in B.C.

Heart and Skeletal Muscle Inflammation (HSMI) has been linked to the deaths of up to 20 per cent at some Norwegian farms.

"The concern is that it is a disease that hasn't previously been detected in B.C. and at the present time we really don't have sufficient evidence to know if it causes mortality or is a production issue here," said Kristi Miller, part of a team of federal scientists studying farmed fish samples from sites along the B.C. coast."

<http://www.cbc.ca/news/canada/british-columbia/farmed-salmon-bc-disease-hsmi-aquaculture-1.3593958>

I suspect that the first sentence ("confirmed") [REDACTED] And, I understand that reporters do not always get quotes correct, and they sometimes take words out of context. However, readers are likely to assume that the quote correctly captures what was said, and they are likely to assume that the quote is representative of the scientific integrity of the SSHI team. Also, it is unlikely that reporters from two independent organizations would make the same mistake. Today's article in the Globe and Mail has similar statements (emphasis mine):

"But it was a surprising diagnosis nonetheless, because the disease had not been detected before in B.C., although it is found in aquaculture operations globally.

It might be argued that HSMI should have been discovered much earlier, given all the testing routinely done on farmed fish on the West Coast.

But Dr. Miller, head of molecular genetics for Fisheries and Oceans Canada, said the disease may have escaped detection because it was not fatal to the infected fish, and did not affect the productivity of the farm - that is, the sick fish looked healthy.

She has found it now, however, as part of a long-term study of fish health that is using revolutionary DNA sequencing technology developed in her lab."

I do not want the SSHI to be seen as a project that takes credit for discoveries that were previously reported by other scientists. My understanding is that the SSHI team confirmed the presence of a disease that has long been detected in BC. And, microscopic features of the 2013 outbreak reported by DFO last Friday were first reported publicly by another researcher (me) in 2013. Reports from 2013 and 2015 have described disease in the heart and muscle of BC farmed Atlantic salmon, and pathologists at Wednesday's meeting seemed to agree that it is the same disease as reported in the DFO press release. However, the BC disease was not previously

called HSMI. What seems to be new is that the SSHI team now calls the BC disease **HSMI**.

Best regards,

Gary

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Gary D. Marty, Senior Fish Pathologist  
Animal Health Centre  
Ministry of Agriculture  
1767 Angus Campbell Rd.  
Abbotsford, BC, V3G 2M3  
604-556-3123

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

From: DiCicco, Emiliano  
Sent: Sat 5/21/2016 9:00 PM  
To: Miller-Saunders, Kristi  
Subject: I: HSMI diagnoses in BC

Hi... look at the following... [REDACTED]

[REDACTED]

I look forward to reading Hugh's reply, though...

Talk you soon,

Emiliano

\*\*\*\*\*

Emiliano Di Cicco DVM PhD  
Fish Health Researcher  
Molecular Genetics Lab - Pacific Biological Station Department of Fisheries and Oceans, Canada  
3190 Hammond Bay Rd, Nanaimo, BC V9T 1K6 - Canada  
Phone: office (250) 756 7045  
Cell [REDACTED]  
e-mail: Emiliano.DiCicco@dfo-mpo.gc.ca

s.19(1)  
s.21(1)(a)  
s.21(1)(b)

-----Messaggio originale-----

Da: Marty, Gary D AGRI:EX [mailto:Gary.Marty@gov.bc.ca]  
Inviato: sab 21/05/2016 12.36  
A: DiCicco, Emiliano; 'ferguson@fishpathology.com'  
Oggetto: HSMI diagnoses in BC

Hi Hugh and Emiliano,

It was nice to see you at the meeting on Wednesday. I appreciate that conflict is a part of science. In this case, some additional information might help clarify some things.

In particular, I want to clarify how HSMI has been defined in BC since I began working in my current position in 2004. It was not long after I started that I began seeing occasional fish with epicarditis, endocarditis, and variable amounts of myocardial necrosis. When I first diagnosed those cases, I provided a general comment that these lesions were

consistent with systemic disease. In February 2008, [REDACTED] provided BC vets a continuing education session that summarized the pathology of emerging European diseases in farmed Atlantic salmon. When she showed images of HSMI, I immediately recognized the lesions as similar to what I had been seeing microscopically in some BC fish. However, the aquaculture veterinarians said that they were not seeing a clinical pattern that was consistent with Norwegian HSMI (all the Atlantic salmon companies have Norwegian connections, so I assume that they are well aware of the clinical signs of HSMI). Therefore, we decided that what I was seeing was probably not the same as Norwegian HSMI. We understood HSMI to be the name of a disease syndrome, and that characteristic clinical signs were needed for a diagnosis of HSMI (i.e., similar morphologic lesions without clinical signs did not warrant a diagnosis of HSMI). After that session, when I saw inflammatory heart lesions that were similar to HSMI, I started adding to my comments a note that the lesions were similar to lesions in Norwegian fish with HSMI, but that HSMI had never been seen in BC.

The expert report that I produced in an ongoing Canadian legal case provides a good example:

Public reporting: Affidavit of Dr. Gary D. Marty sworn October 30, 2013, in Morton v. Minister of Fisheries and Oceans et al, Federal Court No. T-789-13

21. Have you tested fish for PRV and/or HSMI with results that contradict the results of your testing for MHC?

I have not tested fish for PRV and/or HSMI with results that contradict the results of my testing for MHC, but I have tested fish in which the suite of lesions was different than the groups of fish I examined from MHC or DFO.

As described in my answer to question #4, among all the testing I have done for HSMI (e.g., the BC Fish Health Auditing and Surveillance Program), I occasionally diagnose "unexplained heart lesions" as the cause of death. However, the prevalence of PRV in tested cases (80%) is the same as the prevalence of PRV among (i) groups of fish that die of other causes and (ii) healthy fish that are sampled for pretransfer screening.

In two cases submitted directly by a BC fish farm company other than Marine Harvest (one case in 2011 and one case from a different farm in 2013), I diagnosed unexplained heart lesions as the cause of death in all of the fish in the sample group. These cases were not tested for PRV, but based on other data there is an 80% chance that they would be PRV positive. In this year's case, I requested a second submission that included skeletal muscle for histopathology (skeletal muscle is not included in routine submissions for diagnostic purposes). One of the 10 fish included in the second submission had severe heart lesions but no skeletal muscle inflammation; therefore, this fish did not have HSMI. Three other fish had moderate to severe heart lesions along with mild inflammation of skeletal muscle; therefore, these fish had inflammation of the heart and skeletal muscle, which are two features of HSMI. However, the farm's veterinarian told me that the fish did not have clinical signs consistent with the description of the European syndrome HSMI (see Dr. Nylund's expert report, answer to his question 24). Because these BC fish did not have all features of the European syndrome HSMI (i.e., clinical features are different), it is not appropriate to diagnose HSMI in these fish. Without consistent clinical signs, a diagnosis of HSMI in these fish is likely to result another example of the diagnostic "confusion" described by Dr. Nylund in his expert report (i.e., the response to his question 22). The submission form submitted with the second BC sample included a history that stated, "As environmental conditions improved, mortality

dropped significantly. Mortality is now low normal with no clinical signs of disease." The cause of the heart lesions in these fish remains unknown, but all the information I have better fits "transient adverse environmental conditions" (e.g., exposure to algal toxins) as the cause of disease rather than PRV. Also, if BC strains of PRV were causing HSMI, it is not plausible to have 80% of BC Atlantic salmon infected with PRV every year since 2006, but have only two cases of HSMI during that same period.

This expert report was entered into evidence and is available to the public. In the 2.5 years since I produced this document, I have not seen any information that compels me to change my response to this question (# 21). After our meeting on Wednesday, [REDACTED] informed me that the 2011 and 2013 cases in my expert report [REDACTED]

I think that the information above supports the conclusion that I diagnose inflammation in the heart and skeletal muscle when it occurs; however, I do not diagnose HSMI in these fish because the submitting veterinarians tell me that their fish do not have clinical signs consistent with HSMI. As a referral veterinarian, I would need some very strong justification to diagnose a syndrome contrary to the information provided by my referring veterinarians.

To summarize, I provided information in a public document 2.5 years ago that stated, "these fish had inflammation of the heart and skeletal muscle, which are two features of HSMI". My understanding from our meeting on Wednesday is that we do not disagree on these two features of HSMI. My understanding is that the fish I examined and the fish you examined were from the same farm and from the same outbreak. I reported "inflammation of the heart and skeletal muscle" publicly in 2013. Your findings of the same lesions from the same outbreak were reported yesterday (2.5 years later). [REDACTED] when I read things like the following in a CBC news report (emphasis mine):

"A feared viral disease proven deadly in Norwegian fish farms has been confirmed for the first time by federal scientists studying farmed salmon in B.C.

Heart and Skeletal Muscle Inflammation (HSMI) has been linked to the deaths of up to 20 per cent at some Norwegian farms.

"The concern is that it is a disease that hasn't previously been detected in B.C. and at the present time we really don't have sufficient evidence to know if it causes mortality or is a production issue here," said Kristi Miller, part of a team of federal scientists studying farmed fish samples from sites along the B.C. coast."

<http://www.cbc.ca/news/canada/british-columbia/farmed-salmon-bc-disease-hsmi-aquaculture-1.3593958>

Best regards,

Gary

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s.20(1)(b)

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<http://www.cbc.ca/news/canada/british-columbia/farmed-salmon-bc-disease-hsmi-aquaculture-1.3593958>

Best regards,

Gary

s.19(1)  
s.20(1)(b)



**From:** Alex Morton [mailto:alexandramorton5@gmail.com]

**Sent:** Monday, December 4, 2017 10:09 AM

**To:** OfficeofthePremier, Office PREM:EX; Horgan.MLA, John LASS:EX; Heyman.MLA, George LASS:EX; Popham, Lana

**Cc:** s.22

s.22 Meggs, Geoff PREM:EX; s.22

s.22 Andrew Weaver; Furstenau, Sonia; fin.donnelly@parl.gc.ca; s.22  
rachel.blaney.a1@parl.gc.ca; s.22

**Subject:** Tenure renewal / Bloodwater

Dear Premier John Horgan, and Ministers George Heyman and Lana Popham:

I am writing in regards to two matters:

1. you have accepted applications to renew all fish farm tenures in Musgamagw and Namgis territories
2. you have not followed up on public statements that you are reviewing bloodwater samples

As you are aware, Musgamagw and Namgis members have occupied salmon farms and the surrounding areas for over 100 days with the clear message that salmon farms must be removed from their territories. They have been saying this for 30 years and have not signed any agreements with the industry. They have no food fish and the science increasingly supports their position that salmon farms are a large factor in destruction of their fisheries.

**Premier Horgan**, you stated in the Big House in Alert Bay that the industry should not restock farms where the tenure is going to expire *before* the fish can be harvested. Minister Popham, you sent Marine Harvest a letter advising them they are not guaranteed to have tenures in the Broughton Archipelago renewed.

And yet on October 16, 2017 your government accepted applications for all the salmon farms in these territories.

Attached is a screen shot in regards to Swanson Island. I would like you to explain why your website states "Status Reason - Accepted" and gives an "Effective Date." This is particularly concerning because you have refused to set a follow-up meeting with the Nations as promised in the Big House. Marine Harvest is restocking Midsummer Island, appears to be preparing to restock Swanson and Upper Retreat and has restocked Port Elizabeth, while Cermaq is actively restocking Sir Edmund - despite your warnings to the industry.

You do not appear to have any control over this industry which is violating First Nation rights.

**Minister Heyman**, you have appeared in the media several times stating that your ministry is examining the samples of bloodwater taken from the farm salmon processing plant effluent pipes

near Campbell River and in Tofino. As I submitted those samples to the lab, they are my samples and yet neither Tavish Campbell, myself or the lab has been contacted by your ministry. You are *not* actually reviewing these samples.

We well know that this is an aggressive Norwegian industry, what we don't know is whether your government is capable of controlling them or whether you are honestly committed to reconciliation and protection of wild salmon. These developments certainly concern us.

This issue is not going to die down quietly. In just the past 21 hours, over 1.5 million people have viewed bloodwater pouring into the waters of BC on the National Geographic Instagram site. There are over 3,000 comments wondering how BC could be so reckless to allow this. The wilderness tourism industry is twice as big as salmon farming and yet you show no willingness to support it.

How did piscine reovirus get into the bloodwater pipe? You have the lab implicated in this under review and we have the internal communications from this lab suggesting they have known since 2008 that piscine reovirus is causing disease in BC, while publishing science which flatly states the opposite. The Minister of Fisheries has relied on this information to exempt this virus from testing prior to farm salmon transfer into marine pens. As a result, tens of millions of infected fish have poured into the Broughton Archipelago as recently as on October 16 - the day you accepted Marine Harvest's application to renew the licence at Port Elizabeth.

The Heiltsuk, Haida and other nations traveled south to support the Musgamagw / Namgis fight to remove salmon farms and to announce that **the Heiltsuk have cancelled their agreement with Marine Harvest.**

Wild salmon stocks are in far too critical condition for us to let up for a moment.

We are here for you and we will support you, but you have to deny Marine Harvest, Cermaq and Grieg renewal of any farm salmon tenures in the Broughton Archipelago or you make it clear to the 100,000 people who recently marched in the streets of Vancouver demanding reconciliation with First Nations - that you are not the government who can deliver.

One culture cannot reconcile with another culture while destroying their most important food resource and disrespecting their territory. You are the landlords of the salmon farming industry, this is your decision.

And so please explain:

- a.) why you have accepted applications for salmon farm tenure renewals in the Broughton Archipelago and
- b.) why you say you are reviewing the bloodwater samples Tavish Campbell collected, but you have not even requested those samples.

Respectfully,

Alexandra Morton  
Gwayum'dzi

## GATOR Interest Details

Search Criteria: Effective Date: 10/16/2017, File Number: 1404381, Tenure History: On

Legal Description
Unsurveyed foreshore or land covered by water being part of the bed of Knight Inlet, Range 1 Coast District, shown outlined on sketch below, containing 24.80 hectares more or less

Images
Crown Grant: No Images Available

Interest Information	
File #	1404381
OIC/Ministry Order #	
Status	Active
Status Reason	Accepted
Area (Ha) / Method	24.8 / Estimated
Received Date	16-Oct-2017
Effective Date	16-Oct-2017
Expiry Date	

Interest Information	
Type	Licence
Subtype	Licence Of Occupation
Purpose	Aquaculture
Subpurpose	Fin Fish
Region	Vi - Land Mgmt - Vancouver Island Service Region
Location	Swanson Island

**From:** Alex Morton [mailto:alexandramorton5@gmail.com]  
**Sent:** Thursday, November 9, 2017 11:11 AM  
**To:** Popham, Lana; Meggs, Geoff PREM:EX; OfficeofthePremier, Office PREM:EX  
**Subject:** Marine Harvest Delivers Ultimatum

Hello

Marine Harvest appears to insist on taking the low road and are moving to evict First Nations from their own territory by 5pm today. Perhaps they are making it easier for you to pursue the course that you are on, to stand behind Canada's status as a signatory to UNDRIP and refuse to renew these licences.

I know the industry has slandered me to the point people actually believe them, but my science is being published in top journals and the return of the sea lice infestations and the pattern of PRV infection in wild salmon points to salmon farms as a significant cause of loss of wild salmon. This is no small matter and is the greatest reversible impact on our fish stocks.

My MLA Claire Trevena is MIA on this issue, even though she ran on a promise to support these nations in their effort to protect their fish stocks and remove salmon farms and so I am turning to the three of you. The wild salmon numbers are so low in the Broughton that extinction is certain on this trajectory. I know the industry likes to say I have falsely predicted this before, but what they fail to mention is that the province of BC enacted the Pink Salmon Action Plan which called for farm salmon delousing prior to the juvenile salmon outmigration. This worked for a number of years, which I published on this, however it is no longer working and I have published on that: <http://www.nrcresearchpress.com/doi/abs/10.1139/cjfas-2016-0122#.WgSlloZrxE4>

I am headed back out to witness the heavy hand of Marine Harvest on two young Musgamagw women who embody the bravery, integrity and beauty we wish for all young women.

You have taken some remarkable steps and I am sure you are under threat from Marine Harvest as they do that so well. They run around threatening everyone when they don't get their way. Their industry is known for this back in Norway. They threaten reporters all the time who call me in a panic. They have threatened us with injunctions repeatedly and withdrawn them.

So power to all of us. When this industry is removed from the Broughton my field station will record the response in wild salmon. This will be an incredible legacy for your government, but now is the moment that decides your relationship with First Nations.

Please watch this if you have 5 minutes look at the effort of the past 3 months -  
<https://vimeo.com/241939771>

Thank you,

Alexandra Morton

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

From: Alex Morton [mailto:alexandramorton5@gmail.com]

Sent: Thursday, March 8, 2018 7:48 AM

To: OfficeofthePremier, Office PREM:EX; Donaldson.MLA, Doug LASS:EX; Heyman.MLA, George LASS:EX; Minister, FLNR FLNR:EX; Popham, Lana; Meggs, Geoff PREM:EX; Weaver.MLA, Andrew LASS:EX; Furstenau.MLA, Sonia LASS:EX; Olsen.MLA, Adam LASS:EX

Subject: Fish farm frontlines update

Hello

I saw the article on the CBC website, that you are very interested in moving open-net fish farms onto land.

Thank you for that, an important step.

However, I think you should see the iphone video shot yesterday at Swanson Island, as Marine Harvest hunts for hereditary leader Ernest Alfred, who they are in phone contact with, who told them he was not on site. Over 30,000 people have viewed this live-feed on facebook and the number is rising rapidly. This young woman is the kind of leader we need more of and she deserves contact with you.

<https://vimeo.com/259102708>

In a few weeks I will be documenting the damage the farms in this territory is doing to wild salmon. This will be my 18th year of this work. Attached is my most recent co-publication on the, a failure to protect wild salmon from sea lice.

Next week Marine Harvest cross-examines me in my case to make the Minister of Fisheries obey a Federal Court ruling and the laws of Canada to test farm salmon for piscine reovirus. Then Cermaq is going to do the same, while DFO just sits there and lets them fight to keep putting diseased fish into the ocean. You have got to see the perversity of this.

The longer you wait to tell Marine Harvest and Cermaq whether or not their tenures will be renewed, the more bad, ugly, disturbing news will come of this. Soon it will be tourism season in the Broughton - an industry twice as big as salmon farming, an ambassador to this country and one that you never seem to value enough. People from Germany will be watching desperate bears starving for lack of salmon and it would be better for them and all if the operators could say - yes it is terrible but my government has done the right thing and taken the salmon farms out. Wild salmon will no longer be eaten to death by sea lice, and infected with piscine reovirus.

I can see most of you are all too afraid to speak to me, you have bought into the industry slander, but I still have the right to speak to you. There are brilliant solutions - see attached Dept Wild Salmon document, we have incredible opportunity to grow the economy, mature the aquaculture industry and restore wild salmon, and yet all of this is being suppressed, squandered and ignored while you dare to believe what the salmon farmers are doing is the best use of our coast.

Look closely at how Marine Harvest is treating a young indigenous woman, now we see who they really are.

Alexandra Morton  
250-974-7086

# PROBLEM:

Salmon farms are exposing our wild salmon stocks to unnecessary risks. Farms must be removed from migration routes or, even better, removed from the ocean all together.

Copyright

An ad from the current Salmon Farmers' Campaign



**OUR GOAL: INCREASE THE  
PUBLIC'S INTEREST IN  
INCLUDING THE SALMON  
FARM ISSUE ON THE  
POLITICAL AGENDA.**

# CRITERIA FOR CREATIVE APPROACH:

- *Visual imagery should connect “salmon” and “food.”*
- *Without impersonating a govt agency, messaging should look like it came from an official, reputable source.*
- *Messaging should be fact-based and supportable. Should be easily corroborated through an Internet search.*
- *To elevate engagement with moms, creative concept should enable a “discovery” about a potential danger in their family’s food sources.*
- *Simple, easily understood images that can be used across different mediums, especially for social media sharing.*



"Drugs"

MacLAREN McCANN

*Image creates "discovery" of danger in family's food.*

*Simple image for all mediums, especially social media sharing.*

"Drugs"



*Kitchen cues for "food."*

*Fact-based and supportable.  
Emulates an official look.*

MacLAREN McCANN

"Pork"



MacLAREN McCANN



"Gas Mask"

MacLAREN McCANN

**ASSUMING A LOWER MAINLAND  
FOCUS, WE WOULD ESTIMATE THE  
MEDIA COST FOR 6-8 WEEK CAMPAIGN  
TO BE IN THE \$150-200K RANGE.**

THANK YOU



# CONTACT:

Hagan Ainsworth, Senior Vice President, General Manager 604 601 8561  
[hagan.ainsworth@maclaren.com](mailto:hagan.ainsworth@maclaren.com)



Page 27 to/à Page 35

Withheld pursuant to/removed as

s.3

**From:** Alex Morton [mailto:alexandramorton5@gmail.com]

**Sent:** Wednesday, January 17, 2018 8:35 AM

**To:** OfficeofthePremier, Office PREM:EX

**Cc:** s.22

s.22

fin.donnely@parl.gc.ca; Pam.Goldsmith-Jones@parl.gc.ca; Popham, Lana; Meggs, Geoff PREM:EX; Heyman.MLA, George LASS:EX; s.22

s.22

s.22 Ken.Hardie.P9@parl.gc.ca; s.22

andrew.thompson@dfo-mpo.gc.ca; andrew.thomson@dfo-mpo.gc.ca; Rebecca Reid; s.22

Nathan.Taylor@dfo-mpo.gc.ca; s.22

**Subject:** ISA virus - deleted, lost and misplaced

Dear Premier John Horgan:

As you ponder whether to renew 1/4 of BC salmon farm tenures that are expiring in Musgamagw and Namgis territories, there is something you should know. As the landlord to these three Norwegian companies, you will decide which runs of wild salmon are exposed to the pathogen effluent from this industry.

Piscine reovirus and your lab's failure to diagnosis its disease have been in the media lately, but today I am writing about ISA virus, a farm salmon influenza virus, that is internationally reportable because countries are keen to protect themselves from it.

In 2011, I began sending samples of BC farm salmon for ISA virus testing and the virus was detected.

In 2016, I co-published a paper on ISA virus in BC in a top-tier scientific journal.

DFO and Provincial fish farm pathologist, Dr Gary Marty, tried and failed to have the paper "retracted". <https://virologyj.biomedcentral.com/articles/10.1186/s12985-015-0459-1>

**But here is why I am writing to you.**

In 2012, shortly after we announced the first detection of ISAV in BC, the Canadian Food Inspection Agency (CFIA) put "*a stream of commerce*" in place for one year.

In May 2012, Alfred Bungay, DFO National Manager for Aquatic Animal Health explains in an internal email:

*"Until then [December 10, 2012] the permit requirement at the border will not be strictly enforced. That is to say if a shipment [of Atlantic salmon eggs] arrives at the border without a CFIA permit or it does not meet all of the requirements the CFIA may still allow the shipment to enter Canada."*

The most lethal salmon virus known is detected in BC and the CFIA lowers farm salmon importation standards, elevating risk to Pacific salmon!

I filed a request for information on who made this high-risk decision and why. I recently received this reply:

*“.. the records were deleted as transitory, some were lost as a result of a computer malfunction and some hard copy files were misplaced.”* (Manager for the CFIA Access to Information and Privacy).

The CFIA didn't say there were *no* records of their inexplicable decision, they said the records were - **deleted, lost and misplaced.**

I would welcome the opportunity to argue the evidence that ISA virus is present in BC, but this goes beyond the presence of this virus, this smacks of regulatory capture and significant government failure to protect Canadian interests. Lowering Canada's first line of defence against a virus spreading worldwide in farm salmon is not in the public interest.

The demands of the salmon farming have become dangerous to political careers.

Minister LeBlanc, who hopes for a legacy of science and protection of wild salmon, is so tangled up serving the Norwegians he is actually fighting me in court (round 2) to continue breaking Canadian law by permitting transfer of infected farm fish into BC waters because Marine Harvest would be "severely impacted" if they were denied this right.

You are a politician who wants to be seen as committed to reconciliation with First Nations, but your image is at risk as you decide whether to honour Musgamagw and Namgis demands not to renew fish farm tenures in their territories?

One quarter of BC salmon farms are operating in territories without agreements with First Nations, against their wishes. and members of these nations continue their 148-day vigil on Marine Harvest facilities

I understand that biological safeguards against fish farm pathogens are a federal government responsibility, but when the federal government dramatically shirks this responsibility, this responsibility falls to you. You will decide what Norwegian viruses critically depressed wild salmon populations are exposed to.

The ongoing fish farm scandal continues to unfold.

Respectfully,

Alexandra Morton  
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