

**From:** [Psyllakis, Jennifer FLNR:EX](#)  
**To:** [FLNR Fish and Wildlife Section Heads](#); [FLNR DRMs](#)  
**Cc:** [Ramsay, Mike K FLNR:EX](#); [Andrusak, Greg FLNR:EX](#); [Davies, Trevor FLNR:EX](#); [Trotter, Ward FLNR:EX](#)  
**Subject:** DFO Resource Restoration Unit  
**Date:** Tuesday, May 30, 2017 11:33:55 AM

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Hi All,

As you have likely heard, DFO has made program decisions that affect a number of areas of shared interests/delivery (see email below from Rebecca Reid). We are still working on determining what the impacts / options are and FLNRO and DFO executive will be meeting to discuss. We will keep you informed as more information becomes available and feel free to pass along anything you think should be considered.

I also understand some staff are receiving phone calls; pass this note along if appropriate.

Thanks,

Jen

\*\*\*\*\*

Following Budget 2016, Fisheries and Oceans Canada (and the Canadian Coast Guard) conducted a thorough review of its programs and services to determine if our work was aligned with our core mandate or if there were options for reallocation. The review determined that DFO and the Coast Guard required ongoing investments to maintain the delivery of critical services to Canadians.

However, several programs were identified as not core to meet the Department's legislative and regulatory responsibilities.

DFO's Resource Restoration Unit is being eliminated, along with two other Salmon Enhancement Program components - the Education and Technical Support Contracts and the production of Steelhead and Cutthroat Trout at SEP Hatcheries. DFO's Resource Restoration Unit will go through a phased transition over 3 years; the other two reductions will take place this year; although existing fish in hatcheries will be maintained until their scheduled release.

Even though SEP is undergoing changes, the Department remains committed to achieving its management objectives as they relate to the harvest, stock assessment and conservation of Pacific salmon. The program that will continue include: fish production at the 23 large hatchery facilities, fish production through the Community Economic Development Program, as well as numerous Public Involvement Projects that are delivered by community groups and supported by DFO.

We intend to continue to work with stakeholders to address the recommendations of the Cohen Commission, including implementation the Wild Salmon Policy, partnering on the Salish Sea Marine Survival Project, support the Strategic Salmon Health Initiative and other areas of mutual interest. As well we continue to be committed to habitat restoration. For example, we are increasing investments to First Nations through the Aboriginal Fisheries Strategy and the Aboriginal Aquatic

Resource and Oceans Management Program. We are investing heavily in coastal restoration under the Oceans Protection Plan and we continue to invest in local organizations through the Recreational Fisheries Conservation and Partnership Program.

Given the growth within our organization as a result of these new investments, and an expectation that we will be hiring upwards of 900 new employees across the country over the next year, we are confident that we will be able to find other opportunities within the Department for all of our affected staff.

Regards,

Rebecca Reid

Regional Director General/ Directrice générale régionale

Fisheries and Oceans Canada - Pacific Region/ Pêches et Océans Canada - Région du Pacifique

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Office / Téléphone: 604-666-6098

Cell / Cellulaire: 604 323 6422

E-mail/ Courriel: [rebecca.reid@dfo-mpo.gc.ca](mailto:rebecca.reid@dfo-mpo.gc.ca)

**From:** [Psyllakis, Jennifer FLNR:EX](#)  
**To:** [Ramsay, Mike K FLNR:EX](#); [Davies, Trevor FLNR:EX](#); [Andrusak, Greg FLNR:EX](#)  
**Subject:** Fw: MDL speech on OPP  
**Date:** Thursday, June 1, 2017 9:05:52 AM  
**Attachments:** [Transcript of speech.rtf](#)  
[Transcript of media availability Minister Leblanc.rtf](#)

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Fyi.

Sent from my BlackBerry 10 smartphone on the TELUS network.

---

**From:** Neilson, Larry AGRI:EX <Larry.Neilson@gov.bc.ca>  
**Sent:** Thursday, June 1, 2017 9:03 AM  
**To:** Paquin, Lisa C ENV:EX; Stevenson, Kira ENV:EX; Short, Charles J FLNR:EX; Worsley, Kristin E FLNR:EX; Antill, John ABR:EX; Witt, Andy FLNR:EX; Psyllakis, Jennifer FLNR:EX; Topelko, Karen FLNR:EX  
**Cc:** Cieslak, Valerie ABR:EX; Travia, David V AGRI:EX  
**Subject:** FW: MDL speech on OPP

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Folks FYI –  
Larry

---

**From:** Neilson, Larry AGRI:EX  
**Sent:** Thursday, June 1, 2017 9:00 AM  
**To:** Mack, James AGRI:EX; Hryciuk, Lorie AGRI:EX; Travia, David V AGRI:EX  
**Cc:** Turner, Michael R AGRI:EX; Carswell, Barron AGRI:EX; Witter, Allison AGRI:EX; Roth, Myron AGRI:EX; Matthews, Carmen AGRI:EX; Schur, TJ AGRI:EX  
**Subject:** FW: speech

Good morning – FYI I just rec'd a copy of Minister Leblanc's speech from yesterday focussed on the OPP, but he also covered a lot of other topics too.

Huge investments and hiring in DFO and CCG coming over the next few years!

I also pass these along to the Seafood Secretariat and Marine Planning folks.

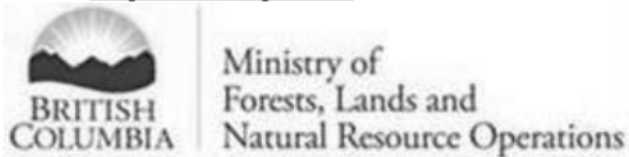
Cheers, Larry

**From:** [Andrusak, Greg FLNR:EX](#)  
**To:** ["Jesse Zeman"](#)  
**Subject:** FW: SEP review and priority  
**Date:** Monday, June 12, 2017 1:39:00 PM  
**Attachments:** s.15

---

Greg Andrusak, RPBio  
Provincial Rivers Biologist  
BC Fish and Wildlife Branch  
Ministry of Forests, Lands and Natural Resource Operations  
PO Box 9338 Stn Prov Govt  
Victoria, BC V8W 9M1

Office: (250) 953-4763  
Email: : [Greg.Andrusak@gov.bc.ca](mailto:Greg.Andrusak@gov.bc.ca)



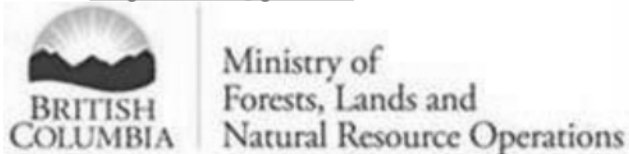
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**From:** Andrusak, Greg FLNR:EX  
**Sent:** Wednesday, June 7, 2017 12:44 PM  
**To:** Ramsay, Mike K FLNR:EX  
**Subject:** SEP review and priority

Lill 2005 prioritized the SEP program and costs

Greg Andrusak, RPBio  
Provincial Rivers Biologist  
BC Fish and Wildlife Branch  
Ministry of Forests, Lands and Natural Resource Operations  
PO Box 9338 Stn Prov Govt  
Victoria, BC V8W 9M1

Office: (250) 953-4763  
Email: : [Greg.Andrusak@gov.bc.ca](mailto:Greg.Andrusak@gov.bc.ca)



From: s.22  
To: [Wilson, Andrew](#); [Andrusak, Greg](#) FLNR:EX  
Subject: Fwd: DFO Mrs Reid..  
Date: Monday, May 29, 2017 12:36:48 PM

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FYI

Begin forwarded message:

**From:** s.22  
**Subject:** Re: DFO Mrs Reid..  
**Date:** May 29, 2017 at 12:16:45 PM PDT  
s.22

Don't believe Mrs Reid from DFO ? Fyi only.  
Watershed watch salmon society comment below.

Don't believe the response from Reid. Stan and I did an analysis of her and Trevor Swerdfager's recent testimony to the Fisheries Standing Committee we can share.  
Progress my ass. Just getting a few final comments.

Sent from my Samsung Galaxy smartphone.

----- Original message -----

From: s.22  
Date: 2017-05-28 4:28 PM (GMT-08:00)  
s.22

s.22

Subject: Fwd: SEP cuts. BCFFF quick thoughts

BCFFF would like to support a group letter towards ensuring DFO lives up to its statement below to implement the wild salmon policy and cohen recommendations along with habitat restoration.

s.22 (BCFFF advisor ) has also written some comments and history related to the new DFO direction.

Cheers Rich R  
BCFFF

Sent from my Samsung Galaxy smartphone.

----- Original message -----

From: s.22

Date: 2017-05-28 9:20 AM (GMT-08:00)

To s.22

Cc

Subject: Re: SEP cuts. RDG response

Do whatever you like with my comments guys. As far as direction to DFO is concerned, I leave that to you. I'm good with walking away from the hatchery steelhead and cutthroat production, especially at Robertson Creek and Kitimat. The lower Fraser hatcheries, not the least of them Chilliwack, will be quite the source of conflict. Back to nature on the Vedder will have a major influence on license sales and therefore revenue for the Freshwater Fisheries Society. Expect a huge dust up on all fronts on that one. Robertson Creek has been nothing more than a giant taxpayer subsidy for guides and ought to have been cancelled 20 years ago. Kitimat is a loser as well, although for different reasons.

The business of DFO abandoning its once upon a time commitment to compensate for commercial interception of steelhead is obviously significant. Rubbing DFO's nose in that is probably a tough call. No one will be able to find concrete evidence of that commitment at this late stage. Think about the Babine spawning channels as an example of where we could find ourselves. The enhanced sockeye production emanating from there has been a big issue for Skeena summer steelhead for 50 years. How do we hold DFO's feet to the fire on steelhead in general if we allow them to unilaterally declare they bear no responsibility?

s.22

---

**From:** 's.22

s.22

**Sent:** Sunday, May 28, 2017 9:01:30 AM

**Subject:** Re: SEP cuts. RDG response

Thanks s.22

Can I pass this note on to s.22 et Al and SSBC in the hopes of formulating a joint letter?

Cheers s.22

Sent from my Samsung Galaxy smartphone.

----- Original message -----

From: s.22

Date: 2017-05-28 8:36 AM (GMT-08:00)

s.22

Subject: Re: SEP cuts. RDG response

If there was the slightest bit of backbone and experience left within the provincial fisheries agency I would recommend pushing hard for some provincial intervention here. Good luck on that front though.

To be clear, I am not a proponent of hatchery production but axing steelhead and cutthroat while maintaining the same old same old salmon programs is highly offensive as well as seriously in conflict with the science of the day re hatchery programs for anadromous fish in general. On top of that we see all the signals I have warned about elsewhere previously - increasing involvement of First Nations in multiple elements of fisheries "management". Given the history of both DFO and FN treatment and attitudes toward steelhead that is certainly cause for concern. Is anyone home within FLNRO to wave a steelhead flag in that regard?

I wasn't making it up when I said s.22 was the provincial rep who secured the deal with DFO to include steelhead in their SEP plans. s.22 pointed out that the original SEP objective of doubling the catch of salmon through enhancement would double the commercial interception of steelhead as well and that had to be accounted for. That is the reason we saw steelhead programs built into Chilliwack/Vedder, Robertson Creek, Quinsam, Puntledge, Big Qualicum, etc. Those programs were a recognized cost for DFO to proceed with SEP. My guess is there aren't more than two or three former provincial guys who know whereof I speak. Yes, I know the commercial interception thing is all about summer steelhead and the hatcheries are all about winter steelhead. That was a recognized trade-off of the time.

DFO can say all it wants from the podium re Cohen and the WSP but give us a break! Both of those have been around for years, especially the

WSP, but implementation of the strategies and recommendations has never happened in spite of all the hollow promises. And now, even though the WSP remains an elusive concept, is it now subject to a comprehensive public review that is supposed to lead to revisions and implementation somewhere out there in the distant temporal fog. As one of my long time professional colleagues would say - you can't make this shit up.

s.22

---

**From:** s.22  
s.22

**Sent:** Sunday, May 28, 2017 7:27:21 AM  
**Subject:** Fwd: SEP cuts. RDG response

Fyi... See below DFO response...  
Sounds good on the implementation of WSP(wild salmon policy), and Cohen concerns , but of course talking about it and doing are quite different.  
Does anyone have any comments and concerns?

Sent from my Samsung Galaxy smartphone.  
----- Original message -----  
From: s.22

Here is the response from the RDG

Hello<sup>s.22</sup> - we have been working to communicate this change broadly, and we will follow up with you further to discuss additional questions or concerns. Here is an overview of the changes.

Following Budget 2016, Fisheries and Oceans Canada (and the Canadian Coast Guard) conducted a thorough review of its programs and services to determine if our work was aligned with our core mandate or if there were options for reallocation. The review determined that DFO and the Coast Guard required ongoing investments to maintain the delivery of critical services to Canadians. However, several programs were identified as not core to meet the Department's legislative and regulatory responsibilities.

DFO's Resource Restoration Unit is being eliminated, along with two other Salmon Enhancement Program components - the Education and



Technical Support Contracts and the production of Steelhead and Cutthroat Trout at SEP Hatcheries. DFO's Resource Restoration Unit will go through a phased transition over 3 years; the other two reductions will take place this year; although existing fish in hatcheries will be maintained until their scheduled release.

Even though SEP is undergoing changes, the Department remains committed to achieving its management objectives as they relate to the harvest, stock assessment and conservation of Pacific salmon. The program that will continue include: fish production at the 23 large hatchery facilities, fish production through the Community Economic Development Program, as well as numerous Public Involvement Projects that are delivered by community groups and supported by DFO.

We intend to continue to work with stakeholders to address the recommendations of the Cohen Commission, including implementation the Wild Salmon Policy, partnering on the Salish Sea Marine Survival Project, support the Strategic Salmon Health Initiative and other areas of mutual interest. As well we continue to be committed to habitat restoration. For example, we are increasing investments to First Nations through the Aboriginal Fisheries Strategy and the Aboriginal Aquatic Resource and Oceans Management Program. We are investing heavily in coastal restoration under the Oceans Protection Plan and we continue to invest in local organizations through the Recreational Fisheries Conservation and Partnership Program.

Given the growth within our organization as a result of these new investments, and an expectation that we will be hiring upwards of 900 new employees across the country over the next year, we are confident that we will be able to find other opportunities within the Department for all of our affected staff.

Regards,

Rebecca Reid  
Regional Director General/ Directrice générale régionale  
Fisheries and Oceans Canada - Pacific Region/ Pêches et Océans  
Canada - Région du Pacifique  
200-401 Burrard Street / 401, rue Burrard, bureau 200  
Vancouver, BC/CB V6C 3S4  
Office / Téléphone: 604-666-6098  
Cell / Cellulaire: 604 323 6422  
E-mail/ Courriel: [rebecca.reid@dfo-mpo.gc.ca](mailto:rebecca.reid@dfo-mpo.gc.ca)

On May 27, 2017, at 8:20 AM, <sup>s.22</sup>  
s.22

AI: Is there any way of clarifying what exactly the announcement of cuts to SEP actually means? In regards to my question, please check out the newspaper article, below.  
s.22

<http://www.squamishchief.com/news/local-news/fish-programs-cut-1.20241215>

From: s.22  
To: [Andrusak, Greg FLNR:EX](#)  
Subject: Fwd:  
Date: Saturday, June 3, 2017 9:58:33 AM  
Attachments: [June 1DFO cuts.docx](#)

---

FYI

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**From:** s.22  
s.22

**Sent:** Friday, June 2, 2017 11:32:56 AM  
**Subject:** Fwd:

Hard copy of this letter on BCFDF letterhead went out today

---

**From:** s.22  
**To:** '  
**Sent:** Friday, June 2, 2017 11:17:14 AM

**From:** [Wilson, Greg ENV:EX](#)  
**To:** [Andrusak, Greg FLNR:EX](#)  
**Subject:** G to G: hatchery evaluations  
**Date:** Tuesday, June 6, 2017 2:25:14 PM  
**Attachments:** [Fed ProvAgreement 1984.pdf](#)  
**s.15**

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As mentioned....

I have lots of info on all the programs. For example, we kept collecting the evaluation data post 2005, if interested.

G

From: [Andrusak, Greg FLNR:EX](#)  
To: s.22  
Subject: RE: bold move  
Date: Wednesday, June 7, 2017 7:01:00 AM

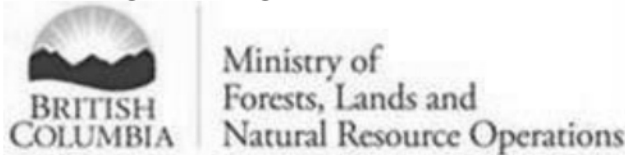
---

Hi s.22

Im in the office currently if you would like to discuss

Greg Andrusak, RPBio  
Provincial Rivers Biologist  
BC Fish and Wildlife Branch  
Ministry of Forests, Lands and Natural Resource Operations  
PO Box 9338 Stn Prov Govt  
Victoria, BC V8W 9M1

Office: (250) 953-4763  
Email: : [Greg.Andrusak@gov.bc.ca](mailto:Greg.Andrusak@gov.bc.ca)



---

From: s.22  
Sent: Tuesday, June 6, 2017 5:31 PM  
To: Andrusak, Greg FLNR:EX  
Subject: Fwd: bold move

Greg Can you confirm locations?

---

From: s.22  
To: s.22  
Sent: Tuesday, June 6, 2017 5:30:12 PM  
Subject: Re: bold move

I was told that by someone in Victoria. I will reconfirm

---

From: s.22  
To: s.22  
Sent: Tuesday, June 6, 2017 5:14:14 PM  
Subject: Re: bold move

Hi s.22 - are you sure of that? It's very interesting. There are something like 23 major facilities; our volunteer sites are not Prov donations. The reason I ask, is that "Real Properties," is a very affluent sector of DFO. DFO definitely owns for example, the "West Van Lab," very valuable West Van shoreline property, &, they recently sold the section, on the other side of Marine Drive.

Also, they own many of the houses that were built at hatchery sites. I know this because I lived for a while at one of them at Quinsam, & it was owned by DFO; & Capilano & Seymour CEDP, are owned by metro van lands/parks. So, I was curious, because although, they have not made the annual contribution they were supposed to, donating or leasing the land, would be a very decent contribution. & all these years - I

didn't know that. If your interested s.2 will be at the West Van Lab Saturday, a 9:30 to 2 type thing, celebrating a very significant make over of the West Van Lab, on Marine Drive in West Van. Some other hard working stewards too. - Thanks s.22

---

**From:** s.22  
s.22

**Sent:** Tuesday, June 6, 2017 8:00:49 PM  
**Subject:** Re: bold move

That's interesting, I know that Birkenhead was leased; but, yes, that would be a wonderful donation. I didn't know that - thanks -s.22

---

**From** s.22  
s.22

**Sent:** Tuesday, June 6, 2017 7:59:07 PM  
**Subject:** Re: bold move

Lets not forget that the province donated all the land for the hatcheries.

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**From:** s.22  
s.22

---

**Sent:** Tuesday, June 6, 2017 4:23:53 PM  
**Subject:** bold move

Hi s.2 - one last thing - it would be a bold move, but, seeing as the Prov has not given any funds to SEP & so on; maybe we could take over sea going trout & char. The Province would have to give us something as well, if we take steelhead, sea going trout & char off their hands. Maybe 10 million to help us maintain a healthy trout enhancement program. But the surprise prize would I think, be the sea going char. Soon & increasingly working in the arctic - there are millions of salmon sized sea going char up there, that will likely benefit from the increased habitat provided by global warming. There could be really big new fishery there; that we should try & bring totally under our control & First Nations too of course where applicable. It could be as large as our salmon industry once was, in future decades. &, in the present, we'll save the steelhead, in the south west quarter of BC - thanks s.22

From: [Wilson, Andrew](#)  
To: s.22  
Cc: [Ramsay, Mike K FLNR:EX](#); [Psyllakis, Jennifer FLNR:EX](#); [Andrusak, Greg FLNR:EX](#)  
Subject: Re: Cuts in DFO  
Date: Friday, May 26, 2017 1:29:35 PM

---

Thanks s.22

I just heard this. Sounds like the resource restoration and community advisor programs are gone and steelhead and cutthroat production at SEP facilities have been cut.

Andrew

**Andrew Wilson**

President



Freshwater Fisheries Society of BC

T 250.414.4201 C 778.679.0952

101 - 80 Regatta Landing, Victoria, BC V9A 7S2

[gofishbc.com](http://gofishbc.com)

On May 26, 2017, at 1:10 PM, s.22

wrote:

FYI

Begin forwarded message:

s.22  
**From:**  
**Subject: Cuts in DFO**  
**Date:** May 26, 2017 at 11:57:04 AM PDT  
**To** s.22

Al, seems DFO is also going to walk away from Steelhead hatchery programs. Owen got that this morning while in conversation with Ottawa. I ill know more as soon as s.22 gets it confirmed.  
s.22

**From:** [Ptolemy, Ron ENV:EX](#)  
**To:** [Willcox, Michael FLNR:EX](#)  
**Cc:** [Andrusak, Greg FLNR:EX](#); [Lewis, Vicki FLNR:EX](#); [McCulloch, Mike FLNR:EX](#)  
**Subject:** RE: DFO education contracts TERMINATED  
**Date:** Tuesday, May 30, 2017 3:34:51 PM

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Hello Mike!

I do not have a copy of the formalized arrangement however I suspect some FLNRO and BC Freshwater Society folk may have. Names that come to mind at the start of SEP are Tautz and Narver. Also "by-catch" was a main driver.

Ron

**Ronald A. Ptolemy,** RPBio  
Rivers Biologist/Instream Flow Specialist,  
Fisheries and Aquatic Conservation Science  
Ecosystems Protection & Sustainability Branch  
Ministry of Environment  
PO Box 9338 Stn Prov Govt  
Victoria, BC V8W 9M1  
Location: 4th Floor, 2975 Jutland Road, Victoria  
Phone: 250-356-7054 Fax: 250-387-9750  
e-mail: : [Ron.Ptolemy@gov.bc.ca](mailto:Ron.Ptolemy@gov.bc.ca)

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**From:** Willcox, Michael FLNR:EX  
**Sent:** Tuesday, May 30, 2017 3:30 PM  
**To:** Ptolemy, Ron ENV:EX  
**Subject:** RE: DFO education contracts TERMINATED

Hi Ron,

I'm curious as to whether you have any more information on DFO's "obligation" to produce steelhead smolts at their hatcheries. I recall reading relatively recently that when the SEP was started, DFO agreed to produce steelhead in their hatcheries to compensate for the increased bycatch of steelhead in commercial fisheries targeting enhanced salmon stocks.

Do you know if this was a voluntary agreement or whether it was formalized?

Thanks,

Mike

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**From:** Ptolemy, Ron ENV:EX  
**Sent:** Tuesday, May 30, 2017 2:46 PM  
**To:** McCulloch, Mike FLNR:EX; Wilson, Greg ENV:EX; 'Pollard, Sue'; Andrusak, Greg FLNR:EX; Tschaplinski, Peter J ENV:EX; Thompson, Richard P ENV:EX; Galand, Lise FLNR:EX; Willcox, Michael FLNR:EX  
**Subject:** FW: DFO education contracts TERMINATED

FYI....see below.

Also consider that DFO's obligation to produce steelhead smolts at their hatcheries has been terminated by the Gov of Canada; as informed by Mike McCulloch I believe. Has DFO discovered a new "mandate".



Ron

**Ronald A. Ptolemy,** RPBio  
Rivers Biologist/Instream Flow Specialist,  
Fisheries and Aquatic Conservation Science  
Ecosystems Protection & Sustainability Branch  
Ministry of Environment  
PO Box 9338 Stn Prov Govt  
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Location: 4th Floor, 2975 Jutland Road, Victoria  
Phone: 250-356-7054 Fax: 250-387-9750  
e-mail: : [Ron.Ptolemy@gov.bc.ca](mailto:Ron.Ptolemy@gov.bc.ca)

---

**From:** Dorothy Chambers [ s.22  
**Sent:** Tuesday, May 30, 2017 2:36 PM  
**To:** ;  
**Subject:** DFO education contracts TERMINATED

**DFO education contracts....TERMINATED.....**

Copyright

Page 18

Withheld pursuant to/removed as

Copyright

**From:** [Lensky, Kristina FLNR:EX](#)  
**To:** [Stalberg, Mike X FLNR:EX](#)  
**Cc:** [Ramsay, Mike K FLNR:EX](#); [Andrusak, Greg FLNR:EX](#); [McCulloch, Mike FLNR:EX](#); [Anderson, Brendan FLNR:EX](#)  
**Subject:** Re: SEP Cuts  
**Date:** Thursday, June 8, 2017 4:11:40 PM

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Same here. Staff working on SC perspective bullet points. Will coordinate with stalberg for briefing notes.

On Jun 8, 2017, at 10:42 AM, Stalberg, Mike X FLNR:EX <[Mike.Stalberg@gov.bc.ca](mailto:Mike.Stalberg@gov.bc.ca)> wrote:

Hi Mike,

We started working on a note yesterday. We will make adjustments to frame it in the way you have suggested.

Thanks,  
Mike

---

**From:** Ramsay, Mike K FLNR:EX  
**Sent:** Thursday, June 8, 2017 9:28 AM  
**To:** Stalberg, Mike X FLNR:EX; Lensky, Kristina FLNR:EX  
**Cc:** Andrusak, Greg FLNR:EX  
**Subject:** SEP Cuts

Mike and Kristina:

As you two probably have the most significant hatchery programs impacted by the DFO proposed SEP cuts in steelhead and cutthroat production, could I get you to provide a couple of briefing notes outlining: 1) the significance of the cuts to your region, 2) what are the impacts to recreational and commercial opportunities 3) reaction to the cuts from the public, 4) deadlines and opportunities going forward.

As we are still in the transition period of government we may or may not be able to address these issues but we can still quantify whats going on.

Thanks.

**Mike Ramsay**  
Associate Director: Fisheries Management  
Forests, Lands and Natural Resource Operations  
Phone: 250.398.4546

## Fw: Resource Management Spending Plan

Thursday, June 29, 2017

2:45 PM

Subject	<b>Fw: Resource Management Spending Plan</b>
From	Beere, Mark C FLNR:EX
To	Balsom, Tami CSNR:EX
Sent	Thursday, June 29, 2017 2:40 PM

Thank you Tami. That appears to be all from me.

All the best to you and, again, apologies; we need to be cloned to cover our workload, as I am sure is the case for you as well.

All the best.

**From:** Unruh, Dana FLNR:EX

**Sent:** March-09-16 2:25 PM

**To:** Beere, Mark C FLNR:EX

**Subject:** RE: Resource Management Spending Plan

You're welcome!

**From:** Beere, Mark C FLNR:EX

**Sent:** Wednesday, March 9, 2016 2:16 PM

**To:** Unruh, Dana FLNR:EX

**Subject:** Re: Resource Management Spending Plan

Thanks Dana!

Sent from my iPhone

On Mar 9, 2016, at 1:23 PM, Unruh, Dana FLNR:EX <[Dana.Unruh@gov.bc.ca](mailto:Dana.Unruh@gov.bc.ca)> wrote:

These invoices were submitted today for a total of \$5695.56. I processed them to the coding provided below.

Thanks,

Dana

**From:** Hearnden, Diana L CSNR:EX

**Sent:** Friday, March 4, 2016 2:03 PM

**To:** Unruh, Dana FLNR:EX

**Cc:** Beere, Mark C FLNR:EX

**Subject:** FW: Resource Management Spending Plan

**From:** Beere, Mark C FLNR:EX

**Sent:** Friday, March 4, 2016 1:40 PM

**To:** Hearnden, Diana L CSNR:EX; Markus Feldhoff

**Subject:** Fwd: Resource Management Spending Plan

Hi Diana. Sorry to trouble you with yet another item, but I don't have Dana's address on my phone and I need to inform the DFO Kitimat hatchery manager (Marcus, below) of some practical information for a \$5720 invoice and a question about taxes (not Texas)!

Sent from my iPhone

Begin forwarded message:

**From:** <Mark.Beere@gov.bc.ca>

**Date:** March 4, 2016 at 12:25:39 PM PST

**To:** "Feldhoff, Markus" <Markus.Feldhoff@dfo-mpo.gc.ca>, "dana.unrah@gov.bc.ca" <dana.unrah@gov.bc.ca>

**Subject: Re: Resource Management Spending Plan**

Hi Dana. Hi Marcus. Dana, could I please trouble you to give Marcus a hand regarding the \$5 720. We have from Tony's message, below? I think Marcus just needs addressed invoice and the clarification regarding Texas. Thanks for a much

Sent from my iPhone

On Mar 4, 2016, at 10:05 AM, Feldhoff, Markus <Markus.Feldhoff@dfo-mpo.gc.ca> wrote:

Who does the Bill go to? Is it you? What address?  
The ship to address on the invoice for the food will be the Kitimat hatchery.  
Also, you Province type, are you exempt from either of the 2 taxes? If so, what is your exemption number?

Markus Feldhoff

Watershed Enhancement Manager  
Fisheries and Oceans Canada  
Kitimat River Hatchery  
PO Box 197 (283 Haisla Blvd)  
Kitimat, BC V8C 2G7

[markus.feldhoff@dfo-mpo.gc.ca](mailto:markus.feldhoff@dfo-mpo.gc.ca)  
ph 250.639.9888 fax 250.639.9220

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

From: Beere, Mark C FLNR:EX [<mailto:Mark.Beere@gov.bc.ca>]  
Sent: Thursday, March 03, 2016 3:37 PM  
To: Feldhoff, Markus  
Subject: Fw: Resource Management Spending Plan

Hi Marcus. Can you spend \$5 720 for food please. Invoice as soon as you can?

---

From: Larden, Troy P FLNR:EX  
Sent: March-03-16 3:25 PM  
To: Beere, Mark C FLNR:EX; Dixon, Krystal FLNR:EX  
Cc: Lough, Jeff C FLNR:EX; De Gisi, Joe FLNR:EX; Peard, Dean A  
ENV:EX; Hirshfield, Paddy FLNR:EX; Thiessen, Conrad D FLNR:EX;  
Schindler, Heidi FLNR:EX; Jex, Bill A FLNR:EX; Pesklevits, Anthony  
FLNR:EX  
Subject: FW: Resource Management Spending Plan

Mark, please proceed with the Kitimat SH Hatchery in the pressures  
list. Tony has provided \$5720 of base funding  
71839 / 30656 // 7100000

Tony Pesklevits  
Director | Resource Management | Skeena Region Regional Manager |  
Recreational Fisheries and Wildlife Programs Ministry of Forests, Lands and  
Natural Resource Operations  
Phone: (250) 847-7511 | e-mail:  
[Anthony.Pesklevits@gov.bc.ca](mailto:Anthony.Pesklevits@gov.bc.ca)<<mailto:Anthony.Pesklevits@gov.bc.ca>>

## Fw: Steelhead program- weekly meeting topic

Thursday, June 29, 2017

2:46 PM

Subject	<b>Fw: Steelhead program- weekly meeting topic</b>
From	Beere, Mark C FLNR:EX
To	Balsom, Tami CSNR:EX
Sent	Thursday, June 29, 2017 2:37 PM

**From:** Feldhoff, Markus <Markus.Feldhoff@dfo-mpo.gc.ca>

**Sent:** March-09-16 4:48 PM

**To:** s.22 MacKinlay, Don

**Cc:** Ackerman, Paige; Beere, Mark C FLNR:EX; XPAC EMB Hat Kitimat; Willis, David (Pacific)

**Subject:** RE: Steelhead program- weekly meeting topic

Hi s.22

Good discussion. I like it. Below are 2 lines that caught my eye in your document you sent me. Thanks. I think that's the one I recall reading. If the Province has a different protocol from that of DFO, I would like to know about it and have it explained to me why the difference. I would then like our Biologists to review that protocol and agree to it, prior to me making any changes. With that being said, as previously stated, for this year I do not foresee any changes to our existing program. The Province is very aware as to how the Kitimat ST program operates.

The guidelines do not apply to steelhead or cutthroat as the management of these species is a provincial responsibility. (but the enhancement of these species appears to be a DFO responsibility) – my comment.

Generally, do not release live males that have been used for hatchery spawning back to their systems of origin. (pg. 5)

Markus

**From:** s.22

**Sent:** Wednesday, March 09, 2016 3:56 PM

**To:** MacKinlay, Don; Feldhoff, Markus

**Cc:** Ackerman, Paige; Beere, Mark ENV:EX; XPAC EMB Hat Kitimat; Willis, David (Pacific)

**Subject:** RE: Steelhead program- weekly meeting topic

Hey Don,

Thank you for lending your voice and wealth of experience to the conversation. The BKD factor is something I did not consider, this seems like a "deal breaker" to me as well. It would be a terrible waste to remove these wild fish from the population only to have them die in our hatchery.

Maybe we could consider a live spawn of the males only, this would allow them to potentially repeat and contribute their alternate year class genetics but not compromise fish health in any way. The only changes we would need to make would be to use CO2 as a sedative instead of MS222.

Markus could we move forward considering this as an option to consider? If so I will look into how we could release these fish and still abide by the DFO policy on killing all brood that you reference. On that note I did come across a SEP document on brood collection practices that I have attached. The first paragraph of the document could be useful in this discussion.

Cheers,

s.22

**From:** MacKinlay, Don  
**Sent:** Wednesday, March 09, 2016 2:34 PM  
**To:** s.22; Feldhoff, Markus  
**Cc:** Ackerman, Paige; Beere, Mark ENV:EX; XPAC EMB Hat Kitimat; Willis, David (Pacific)  
**Subject:** RE: Steelhead program- weekly meeting topic

Dear s.22 and Markus,

This has been a really good discussion. I am very glad that you guys are open to examining how we might improve operations and freely discussing options and their consequences. You have both made very good points, although I might tend to lean more towards Markus's arguments as being closer to where my thinking is on this issue (or actually, these issues, since there are many factors to consider).

I won't get into the details because, for me, the deal breaker is BKD. Christine tells me that there were 5 high positive BKD fish (and 117 low positives of 208 samples) in your broodstock last year, which, if cultured, would likely have spread the disease to your entire production, leading to catastrophic mortalities. In the new reality of BKD prevalence, and its requirement for lethal sampling, I think that it might be considered ill-informed practice and even irresponsible to air-spawn and release broodstock.

That being said, I encourage you to continue to look into the practices of all of our hatcheries and to compare and discuss the outcomes.

Don MacKinlay  
Senior Salmon Enhancement Biologist  
SEP, DFO, Vancouver

**From:** s.22  
**Sent:** 2016-March-07 9:45 AM  
**To:** Feldhoff, Markus  
**Cc:** MacKinlay, Don; Ackerman, Paige; Beere, Mark ENV:EX; XPAC EMB Hat Kitimat; Willis, David (Pacific)  
**Subject:** RE: Steelhead program- weekly meeting topic

Hello Markus,

I will look into how the WEM's of sites that air spawn are able to do this despite the kill policy you have mentioned. Perhaps it is because steelhead are regulated by the province and we are doing this work on their behalf? I will ask them about it and see what they say. I agree that there is no need to use clove oil, that is why I suggested CO2 as an MS222 alternative.

If we believe our hatchery steelhead are "overly represented in the gene pool" meaning that many of them are spawning in the wild we should see if our program is too big. Unless our goal is to have our hatchery fish spawning in the wild, not supporting a modest harvest.

Regarding the Kitimat kill fishery all I meant by my comment was that having 10 or 20 less returning hatchery adults (due to not getting all the eggs when you air spawn) may not be a problem. The number of fish killed yearly in our system would be easy to estimate by having a look at the data provided by anglers on their years end steelhead surveys sent out by the Province.

I can also ask around about these horrific deaths due to air spawning and how successful it is considered to be survival wise.



I will hold off on participating in an FFSBC egg take for now, I would be a significant investment of my personal time and resources. I will be happy to make this investment if there appears to be a willingness to try something new but for now I will hold off.

Thanks again for your reply and for taking the time to enter into an open discussion about this. Hopefully we hear back from our support biologist and the province as I agree that their thoughts would be very helpful. It would be great if other staff at Kitimat would chime in with their thoughts as well.

Cheers,

s.22

**From:** Feldhoff, Markus

**Sent:** Wednesday, March 02, 2016 3:58 PM

**To:** s.22

**Cc:** MacKinlay, Don; Ackerman, Paige; Beere, Mark ENV:EX; XPAC EMB Hat Kitimat

**Subject:** RE: Steelhead program- weekly meeting topic

H s.22

This issue has come up in the past. Big hurdle is that it is against DFO policy to return fish to the wild after being used for broodstock. (This is what I read some time ago but I can't remember where I read it.) I am not sure why other DFO hatchery managers allow this practice of returning spawned fish back to the wild on their sites if it is against DFO policy.

I am also aware that clove oil (or it's derivatives) are also used as a fish sedative/anaesthetic for Steelhead, another practice not allowed by DFO. (product not approved by Health Canada) Why other hatchery managers allow this on their site, I do not know either.

This is what I wrote about air spawning some time ago.

*is air spawning really a good idea? Are you not contributing enough genetic material from the parents by producing a very high quantity of hatchery smolts from these parents (compared to if they spawned in the wild)? Why would you want to contribute even more by keeping the parents alive? The parent's genetic material is already over represented from the number of returning adults they will have produced from all the hatchery smolts released.*

I can understand if there was a conservation concern with the ST population that is being enhanced to increase the number of wild fish by air spawning and keeping as many wild fish alive as possible, but I am sure the Kitimat River does not have a conservation concern with regards to ST.

The province has also never requested us to air spawn our fish. I am also not aware of the survival rates of air spawned fish that are released. How many do come back to return to spawn? Is it worth the effort? I understand some don't even survive the process of air spawning, and some go through a horrific death when there are problems with the air delivery that is injected into their body cavity.

My understanding also is the return spawner rate for ST on the Kitimat might be quite high (compared to other systems)

A couple other comments from your email, "that we follow suit with the rest of the Department and begin to Air Spawn our fish at Kitimat" As you have pointed out in your email, we would not be following suit with the rest of the Department as Robertson does not air spawn. Currently only 3 of 5 DFO facilities air spawn their ST. (I have not included Seymour as a DFO facility)

"The recreational kill fishery is not huge in Kitimat" - I disagree.

By all means Patrick, go ahead and attend a FFSBC ST egg take and find out what you can, but I really do not foresee any changes to our current practice happening this year.

This topic could obviously use some more input from our biologists as well as the province (whom I have cc'd)

Markus Feldhoff

Watershed Enhancement Manager  
Fisheries and Oceans Canada  
Kitimat River Hatchery  
PO Box 197 (283 Haisla Blvd)  
Kitimat, BC V8C 2G7

[markus.feldhoff@dfo-mpo.gc.ca](mailto:markus.feldhoff@dfo-mpo.gc.ca)  
ph 250.639.9888 fax 250.639.9220

**From:** s.22

**Sent:** Wednesday, March 02, 2016 2:52 PM

**To:** XPAC EMB Hat Kitimat

**Subject:** Steelhead program- weekly meeting topic

Hello all,

I want to start a discussion about our steelhead program and if I wait till I get back it might be a bit late to implement any changes for this years program if we choose to do so.

I have been looking into how other Federal Facilities handle steelhead brood and I wanted to share what I found out with you guys:

Chilliwack- Hold brood for pick up by Freshwater Fisheries Society of BC (FFSBC), they then Air Spawn and release steelhead in partnership with the province.  
Chehalis- Hold brood for pick up by Freshwater Fisheries Society of BC, they then Air Spawn and release steelhead in partnership with the province.  
Capilano- Hold brood on site, they then Air Spawn and release the steelhead on site  
Seymour- Hold brood on site, they then Air Spawn and release the steelhead on site  
Robertson- Kill spawn on site

I would like to request that we follow suit with the rest of the Department and begin to Air Spawn our fish at Kitimat. I believe the benefits of this (increased genetic diversity from potential repeat spawners, improved public image and less cruel) would outweigh the negatives ( you get a few more eggs if you kill). The recreational kill fishery is not huge in Kitimat and I do not think having a couple less hatchery adults coming back would have major impact on the local harvest. The catch and release wild steelhead fishery however is big business and the local economy in Terrace and Kitimat are major beneficiaries of it.

I am aware that for the most part the repeat spawner rate for steelhead is small, but I do not think that means we should not give them that opportunity. I also think that the return spawner rate on a system like Kitimat where the fish come in close to ripe in the spring, drop their eggs within a few weeks and head out might be higher than average. Especially given the low gradient and easy to ascend nature of the Kitimat drainage.

Logistically it would take a few small changes:

- 1) We would have to use CO2 instead of MS222 to knock them out
- 2) One of us would have to learn to air spawn (I will do that on my own time while I am down here by attending an egg take in partnership with FFSBC for my volunteer day if given clearance)

I would like everyone to please consider it, this issue is very important to me. If you guys could please chat about it at your weekly meeting coming up and let me know what you think that would be great. I sincerely appreciate your time in reading this email and your careful consideration to the

matter.

Regards,

s.22

## Fw: ST brood

Thursday, June 29, 2017  
2:47 PM

Subject	<b>Fw: ST brood</b>
From	Beere, Mark C FLNR:EX
To	Balsom, Tami CSNR:EX
Sent	Thursday, June 29, 2017 2:34 PM

**From:** Lough, Jeff C FLNR:EX  
**Sent:** April-27-16 1:50 PM  
**To:** Beere, Mark C FLNR:EX  
**Subject:** FW: ST brood

Meant to talk about this earlier (forwarded it to Joe as well). As much as I'd like get out, I have my head down on my top 3 priorities the BT report, TC Risk Assessment and Nass meetings. I feel guilty....

It would be great if the FFSBC could contribute bodies for this on an annual basis.....if the program is determined to be a priority .....☺

J

**From:** Feldhoff, Markus [<mailto:Markus.Feldhoff@dfo-mpo.gc.ca>]  
**Sent:** Tuesday, April 26, 2016 2:45 PM  
**To:** Lough, Jeff C FLNR:EX; Beere, Mark C FLNR:EX  
**Subject:** ST brood

Hey guys, we definitely could use some assistance in some brood capture.

Markus Feldhoff

Watershed Enhancement Manager  
Fisheries and Oceans Canada  
Kitimat River Hatchery  
PO Box 197 (283 Haisla Blvd)  
Kitimat, BC V8C 2G7

[markus.feldhoff@dfo-mpo.gc.ca](mailto:markus.feldhoff@dfo-mpo.gc.ca)  
ph 250.639.9888 fax 250.639.9220

## Fw: Kitimat Hatchery ST Program

Thursday, June 29, 2017

2:50 PM

Subject	<b>Fw: Kitimat Hatchery ST Program</b>
From	Beere, Mark C FLNR:EX
To	Balsom, Tami CSNR:EX
Sent	Thursday, June 29, 2017 2:29 PM

**From:** Beere, Mark C FLNR:EX

**Sent:** April-05-17 11:59 AM

**To:** Ramsay, Mike K FLNR:EX

**Cc:** 's.22

**Subject:** Kitimat Hatchery ST Program

Hi Mike. Please find, below, some recent correspondence regarding stakeholder requests for BC FNLNRO/FFSBC assistance wrt the Kitimat ST program.

I've heard rumblings that some work is occurring and understand the need for a unified, provincial response in this regard.

Please share your thoughts on this as we continue to discuss with the Society and Kitimat Hatchery staff.

All the best.

**From:** Beere, Mark C FLNR:EX

**Sent:** Wednesday, April 5, 2017 10:12 AM

**To:** 'Feldhoff, Markus'

**Subject:** RE: Hatchery

Just left a message and a text – s.22 in a meeting. I'll keep on him and let you know asap.

**From:** Beere, Mark C FLNR:EX

**Sent:** Tuesday, April 4, 2017 7:31 PM

**To:** Feldhoff, Markus

**Cc:** Salomi, Corino; Sealy, Vince

**Subject:** Re: Hatchery

Thanks Marcus. Let's catch up and I'll tell you what I know. Cheers.

Sent from my iPhone

On Apr 4, 2017, at 11:37 AM, Feldhoff, Markus <[Markus.Feldhoff@dfo-mpo.gc.ca](mailto:Markus.Feldhoff@dfo-mpo.gc.ca)> wrote:

I rec'd this email from s.22 Rod and Gun Club Kitimat and also member of the Sport Fish Advisory board. Al Franzen is the chair of the local Sport Fish advisory Board. This is information I was not aware of and contrary to what I was led to believe. I take it then I should not be pursuing any further action with the Province or the FFSBC in trying to get our ST smolt program back to a 1 year program. This seems like a hot potatoe issue that no one wants to deal with. So....I will just continue as is, with the 2 year program, target 50K release, until told

otherwise. I am pretty sure most people would agree, however, this is biologically not the best solution for the program.

Markus Feldhoff

Watershed Enhancement Manager  
Fisheries and Oceans Canada  
Kitimat River Hatchery  
PO Box 197 (283 Haisla Blvd)  
Kitimat, BC V8C 2G7

[markus.feldhoff@dfo-mpo.gc.ca](mailto:markus.feldhoff@dfo-mpo.gc.ca)  
ph 250.639.9888 fax 250.639.9220

**From:** s.22  
**Sent:** Tuesday, April 04, 2017 9:49 AM  
**To:** Feldhoff, Markus  
**Subject:** Fwd: Hatchery

So I submitted this and this was some of the info that we got back. Al

Sent from my iPad

Begin forwarded message:

**From** s.22  
**Date:** April 4, 2017 at 8:47:55 AM PDT  
**To:** s.22  
**Subject: Re: Hatchery**

Hi s.22  
I spoke with s.22 who is the president of the freshwater fisheries society. These are the guys that run the trout enhancement program for the province. They also receive the money from the steelhead stamp surcharge.

He told me two things: he said the round tanks would have to be backed up with a boiler to warm the water in able to get the smolts to grow fast enough for a one year release time.

He also said that the province would have to give him the O.K. to install the round tanks and that the province did not want to invest in a federal facility. He also said it was the provinces opinion that DFO should be paying for the steelhead program as part of an agreement around enhanced sockeye stocks and the associated by-catch of steelhead when the commercial net fleet harvests those enhanced sockeye and or Chum.

Feel free to share this e-mail with Markus,

s.22

**From:** s.22  
**Sent:** April 3, 2017 8:49:13 PM  
**To** s.22  
**Subject:** Hatchery

s.22 , you mentioned talking to someone about the steelhead issue between the province and Federal gov. Who was it you were talking to and what was it they agreed to. I want to follow up on this with Markus Feldoff.

Sent from my iPad

RE: Release dates for steelhead

Tuesday, June 27, 2017  
8:03 AM

Subject	RE: Release dates for steelhead
From	Kemps, Cole A
To	Robbins, Tristan
Cc	McCulloch, Mike FLNR:EX
Sent	Wednesday, April 26, 2017 1:33 PM

Sounds great to me. Would you prefer to transport the upgrades first?  
We just did another big water change, silted out the big steelhead tub...If only I'd been told yesterday.. Would have had 2-4hrs to flush lines instead of 2-4 minutes...  
Will be off food until Friday. Will probably be calling Chris MacWilliams again next week..  
Downgrade steelhead are loaded with two different parasites. Will be doing 3 treatments over 3 days. Possibly up to 5 treatments.  
Gong show...  
Cheers  
Cole

**From:** Robbins, Tristan [<mailto:Tristan.Robbins@gofishbc.com>]

**Sent:** Wednesday, April 26, 2017 9:10 AM

**To:** 'McCulloch, Mike FLNR:EX'; Kemps, Cole A

**Cc:** Andrychuk, Tony

**Subject:** RE: Release dates for steelhead

Excellent. Let's plan to start releasing on Monday May 15<sup>th</sup>. We will send two fish culturists and two 5-tons. Mike, are you able to get another body to help out? Last year we arrived at 9:30am on the first day. Sound good?

Tristan



**Tristan Robbins**  
Hatchery Manager

Freshwater Fisheries Society of BC  
T 250.746.5180 C 250.510.8642  
1080 Wharncliffe Road, Duncan, BC V9L 2K7  
[gofishbc.com](http://gofishbc.com)

**From:** McCulloch, Mike FLNR:EX [<mailto:Mike.McCulloch@gov.bc.ca>]

**Sent:** April-26-17 9:02 AM

**To:** 'Kemps, Cole A'; Robbins, Tristan

**Subject:** RE: Release dates for steelhead

Hello guys,  
I am available any time that week. Let me know ASAP.  
Cheers,  
MPM

~~~~~  
**Mike McCulloch**

Anadromous Fisheries Specialist | Fish & Wildlife Section  
Ministry of Forests, Lands and Natural Resource Operations | West Coast Region  
Nanaimo, BC, V9T 6J9 | ' (250) 751-3156 | 📠 (250) 751-3103  
Switch board (250) 751-7220 | 📧 [Mike.McCulloch@gov.bc.ca](mailto:Mike.McCulloch@gov.bc.ca)  
~~~~~



**From:** Kemps, Cole A [<mailto:Cole.Kemps@dfo-mpo.gc.ca>]

**Sent:** Tuesday, April 25, 2017 3:20 PM

**To:** Robbins, Tristan

**Cc:** McCulloch, Mike FLNR:EX

**Subject:** RE: Release dates for steelhead

If that's the only week available then I'm sure we can make it happen on our end. Just completed a sample for the upgrades and downgrades.

Average upgrade weight is 63 grams, with some fish pushing the 100g mark (98.8gms was the largest sampled today)

Our downgrades are averaging 33 grams. Largest was 58gms, with the smallest being 12 gms.

I'm not sure if you heard or not but last week (Tuesday) we had a drop structure nearly collapse. We dropped 3 feet of head to save it. Of course it had to happen @ 3:30PM after everything had been stuffed to the gills with food. We're operating on minimal water right now as our maintenance crew is constructing braces for it. We had to pull the pin on approximately 4 000 000 chinook (both Earthen Channels – prior to clipping/tagging) and released our coho a week or two early.

During the chaos we completely silted out all our ponds. A ton of leaf debris etc came down. I've been keeping an eye on the steelhead in Pond 6 and unfortunately I've noticed more and more flashing. We checked a few under the scope and they're loaded with parasites. They're being starved currently while I work out a formalin treatment for them. I believe Christine MacWilliams is coming to our site tomorrow to check some fish and confirm.

On the bright side, with such a low water level we're actually getting some warmer water finally. Just shy of 12\* now, fish are eating great.. unfortunately we can't feed them.

The fish in Tub 13 are on a different line so they are still in great shape.. About 50% have lost their parr marks and I'm noticing more scales in the tub almost daily.

Noticed approximately 20-25% have lost parr marks in the downgrade pond.

Anyways, take care and talk to you guys soon.

Cole

**From:** Robbins, Tristan [<mailto:Tristan.Robbins@gofishbc.com>]

**Sent:** Tuesday, April 25, 2017 9:00 AM

**To:** 'McCulloch, Mike FLNR:EX'; Kemps, Cole A

**Subject:** Release dates for steelhead

Hey guys,

We need to set a date for releasing the steelhead and our calendar for May is filling up fast. I'm hoping you guys are available to release the steelhead the week of May 15<sup>th</sup>. We could start releasing Monday May 15<sup>th</sup>. Can we make this work? Our 5-tons are tied up every other week in May, so we are limited for options.

Let me know what you think,

Tristan



**Tristan Robbins**  
Hatchery Manager

Freshwater Fisheries Society of BC  
T 250.746.5180 C 250.510.8642  
1080 Wharnccliffe Road, Duncan, BC V9L 2K7  
[gofishbc.com](http://gofishbc.com)

## Fw: Request for DFO-FLNRO Hatchery Agreement

Thursday, June 29, 2017

2:50 PM

Subject	<b>Fw: Request for DFO-FLNRO Hatchery Agreement</b>
From	Beere, Mark C FLNR:EX
To	Balsom, Tami CSNR:EX
Sent	Thursday, June 29, 2017 2:28 PM

**From:** Ramsay, Mike K FLNR:EX  
**Sent:** May-02-17 10:31 AM  
**To:** Beere, Mark C FLNR:EX  
**Subject:** RE: Request for DFO-FLNRO Hatchery Agreement

Its with DFO,,,,,,I can send the draft

**From:** Beere, Mark C FLNR:EX  
**Sent:** Tuesday, May 2, 2017 9:50 AM  
**To:** Ramsay, Mike K FLNR:EX  
**Subject:** RE: Request for DFO-FLNRO Hatchery Agreement

Hi Mike. Is this one signed off yet?

**From:** Ramsay, Mike K FLNR:EX  
**Sent:** Thursday, April 6, 2017 9:05 AM  
**To:** Beere, Mark C FLNR:EX  
**Subject:** RE: Request for DFO-FLNRO Hatchery Agreement

We have a draft.....the document is still with DFO for signing.

**Mike Ramsay**  
**Associate Director: Fisheries Management**  
**Forests, Lands and Natural Resource Operations**  
**Phone: 250.398.4546**

**From:** Beere, Mark C FLNR:EX  
**Sent:** Thursday, April 6, 2017 8:40 AM  
**To:** Ramsay, Mike K FLNR:EX  
**Subject:** Request for DFO-FLNRO Hatchery Agreement

I understand a document exists outlining the our the agreement between the aforementioned parties. Please forward a copy for us as we're working with the Kitimat Hatchery staff.

Cheers.

Page 16 to/à Page 29

Withheld pursuant to/removed as

s.14;s.16;s.13

## RE: Robertson Steelhead ELISA results

Tuesday, June 27, 2017

8:03 AM

Subject	<b>RE: Robertson Steelhead ELISA results</b>
From	<u>Kemps, Cole A</u>
To	MacWilliams, Christine
Cc	Emmonds, Steven; McCulloch, Mike FLNR:EX
Sent	Tuesday, May 16, 2017 10:35 AM

Yes that makes sense. Is that the highest reading you're comfortable with? An increase to 0.15 would leave us with just two trays to destroy. ☺

**From:** MacWilliams, Christine

**Sent:** Tuesday, May 16, 2017 10:23 AM

**To:** Kemps, Cole A; Thompson, Christy

**Subject:** Re: Robertson Steelhead ELISA results

Hello,

I recommend increasing your yearling cutoff to OD

Chris

**From:** Kemps, Cole A

**Sent:** Tuesday, May 16, 2017 9:55 AM

**To:** Thompson, Christy

**Cc:** MacWilliams, Christine

**Subject:** RE: Robertson Steelhead ELISA results

Sorry for the double email.

Or triple now I suppose

Thanks

**From:** Thompson, Christy

**Sent:** Monday, May 15, 2017 8:22 AM

**To:** Kemps, Cole A

**Cc:** MacWilliams, Christine

**Subject:** Robertson Steelhead ELISA results

Please find attached, BKD screening results for Robertson Creek Steelhead.

Thanks

**Christy Thompson**

Fish Health Diagnostics

3190 Hammond Bay Road

Nanaimo, BC

V9T 6N7

**Office AND Lab: 250-756-7057** (please note change)

## RE: Robertson Steelhead ELISA results

Tuesday, June 27, 2017

8:02 AM

Subject	<b>RE: Robertson Steelhead ELISA results</b>
From	<u>Kemps, Cole A</u>
To	MacWilliams, Christine
Cc	Emmonds, Steven; McCulloch, Mike FLNR:EX
Sent	Tuesday, May 16, 2017 10:35 AM

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**From:** MacWilliams, Christine

**Sent:** Tuesday, May 16, 2017 10:23 AM

**To:** Kemps, Cole A; Thompson, Christy

**Subject:** Re: Robertson Steelhead ELISA results

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I recommend increasing your yearling cutoff to OD

Chris

**From:** Kemps, Cole A

**Sent:** Tuesday, May 16, 2017 9:55 AM

**To:** Thompson, Christy

**Cc:** MacWilliams, Christine

**Subject:** RE: Robertson Steelhead ELISA results

Sorry for the double email.

Or triple now I suppose

Thanks

**From:** Thompson, Christy

**Sent:** Monday, May 15, 2017 8:22 AM

**To:** Kemps, Cole A

**Cc:** MacWilliams, Christine

**Subject:** Robertson Steelhead ELISA results

Please find attached, BKD screening results for Robertson Creek Steelhead.

Thanks

**Christy Thompson**

Fish Health Diagnostics

3190 Hammond Bay Road

Nanaimo, BC

V9T 6N7

**Office AND Lab: 250-756-7057** (please note change)

## Fw: ST releases

Thursday, June 29, 2017  
2:49 PM

Subject	<b>Fw: ST releases</b>
From	Beere, Mark C FLNR:EX
To	Balsom, Tami CSNR:EX
Sent	Thursday, June 29, 2017 2:31 PM

**From:** Sealy, Vince <Vince.Sealy@dfo-mpo.gc.ca>  
**Sent:** May-23-17 9:22 AM  
**To:** Beere, Mark C FLNR:EX; Feldhoff, Markus  
**Cc:** Maier, Kris FLNR:EX  
**Subject:** RE: ST releases

Hi Mark,

All Steelhead releases were completed Thursday and Friday.

### Vince Sealy

Operations Manager | Directeur des Opérations  
Kitimat River Hatchery | Écloserie de Kitimat Rivère  
Fisheries and Oceans Canada | Pêches et Océans Canada  
Box 197 | E.P. 197  
Kitimat, B.C. | Kitimat, C.B.  
V8C 2G7  
Telephone (250) 639-9888  
[mailto: Vince.Sealy@dfo-mpo.gc.ca](mailto:Vince.Sealy@dfo-mpo.gc.ca)

**From:** Beere, Mark C FLNR:EX [<mailto:Mark.Beere@gov.bc.ca>]  
**Sent:** Monday, May 15, 2017 3:12 PM  
**To:** Sealy, Vince; Feldhoff, Markus  
**Cc:** Maier, Kris FLNR:EX  
**Subject:** RE: ST releases

Thanks Vince.

**From:** Sealy, Vince [<mailto:Vince.Sealy@dfo-mpo.gc.ca>]  
**Sent:** Monday, May 15, 2017 2:58 PM  
**To:** Beere, Mark C FLNR:EX; Feldhoff, Markus  
**Cc:** Maier, Kris FLNR:EX  
**Subject:** RE: ST releases

Hi Mark,

We will proceed with releases on Thursdays & Friday . Give me a shout next week for plan B.

Thanks

## Vince Sealy

Operations Manager | Directeur des Opérations  
Kitimat River Hatchery | Écloserie de Kitimat Rivière  
Fisheries and Oceans Canada | Pêches et Océans Canada  
Box 197 | E.P. 197  
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V8C 2G7  
Telephone (250) 639-9888  
[mailto: Vince.Sealy@dfo-mpo.gc.ca](mailto:Vince.Sealy@dfo-mpo.gc.ca)

**From:** Beere, Mark C FLNR:EX [<mailto:Mark.Beere@gov.bc.ca>]  
**Sent:** Monday, May 15, 2017 11:39 AM  
**To:** Feldhoff, Markus; Sealy, Vince  
**Cc:** Maier, Kris FLNR:EX  
**Subject:** FW: ST releases

Hi Vince, Markus. Not sure if you spoke to Kris but looks like we don't have a vehicle this week. Will there be more libs next week when we may be able to find a vehicle or is there any chance for an alternate?  
Cheers.

**From:** Maier, Kris FLNR:EX  
**Sent:** Monday, May 15, 2017 10:47 AM  
**To:** Beere, Mark C FLNR:EX  
**Subject:** RE: ST releases

Not looking good. No trucks.

**From:** Beere, Mark C FLNR:EX  
**Sent:** Monday, May 15, 2017 10:03 AM  
**To:** Maier, Kris FLNR:EX; Miyazaki, Kenji FLNR:EX  
**Subject:** FW: ST releases

Hi Kris, Kenji. Are you available to give the Kitimat boys a hand this week?

**From:** Sealy, Vince [<mailto:Vince.Sealy@dfo-mpo.gc.ca>]  
**Sent:** Monday, May 15, 2017 10:00 AM  
**To:** Beere, Mark C FLNR:EX  
**Cc:** Feldhoff, Markus  
**Subject:** RE: ST releases

Hi Mark,

We have approval to start Steelhead releases this Thursday. My plan is to start Steelhead releases Thursday morning and continue all day Friday.

This is an opportunity for your crew to participate. If this is feasible on your end please let me know.

We have two transport tanks available. One that is suited for ¾ ton pickup and one that a 1 ton can carry.

If your crew can bring a truck without a canopy and waders we can provide the remaining equipment . We will be loading via dip net.

Sorry for the short notice but the treatment took away some flexibility in release timing.

Any questions please give me a call .

Thank you

## Vince Sealy

Operations Manager | Directeur des Opérations  
Kitimat River Hatchery | Écloserie de Kitimat Rivère  
Fisheries and Oceans Canada | Pêches et Océans Canada  
Box 197 | E.P. 197  
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V8C 2G7  
Telephone (250) 639-9888  
[mailto: Vince.Sealy@dfo-mpo.gc.ca](mailto:Vince.Sealy@dfo-mpo.gc.ca)

**From:** Beere, Mark C FLNR:EX [<mailto:Mark.Beere@gov.bc.ca>]  
**Sent:** Monday, May 08, 2017 11:58 AM  
**To:** Sealy, Vince; Feldhoff, Markus  
**Cc:** MacWilliams, Christine  
**Subject:** RE: ST releases

Thank you Vince. Much appreciated.  
All the best.

**From:** Sealy, Vince [<mailto:Vince.Sealy@dfo-mpo.gc.ca>]  
**Sent:** Monday, May 8, 2017 11:22 AM  
**To:** Feldhoff, Markus; Beere, Mark C FLNR:EX  
**Cc:** MacWilliams, Christine  
**Subject:** RE: ST releases

Hi Mark ,

We started to see elevated mortality in the 2015 Steelhead. I had already sent some away for pre-release screening and the overall population was in good release condition.

Shortly after those fish had been screened, we saw the mortality rate increase. I sent a second batch of Steelhead (moribund ) in to PBS and they were diagnosed with BKD.

They are current on a 10 day treatment of Meds. I have put the release of these fish on hold until the Meds have been completed and a release plan can be coordinated with Christine MacWilliams, who is our Veterinarian.

I will keep you posted ...

Thanks



## Vince Sealy

Operations Manager | Directeur des Opérations  
Kitimat River Hatchery | Écloserie de Kitimat Rivère  
Fisheries and Oceans Canada | Pêches et Océans Canada  
Box 197 | E.P. 197  
Kitimat, B.C. | Kitimat, C.B.  
V8C 2G7  
Telephone (250) 639-9888  
[mailto: Vince.Sealy@dfo-mpo.gc.ca](mailto:Vince.Sealy@dfo-mpo.gc.ca)

**From:** Feldhoff, Markus  
**Sent:** Thursday, May 04, 2017 4:12 PM  
**To:** 'Beere, Mark C FLNR:EX'  
**Cc:** Sealy, Vince  
**Subject:** ST releases

Hi Mark,

Regarding assistance from Kris and Kenji, I believe it would be beneficial for them and us if they help with our "liberations."

All they would need are waders and a ¾ or 1 ton truck.

I'll leave the coordination of timing with Vince. I suspect we might be starting the week of the 15th, but please co-ordinate it all with Vince.

I'll call you regarding attendance at our Hatchery Manger's meeting.

Markus Feldhoff

Watershed Enhancement Manager  
Fisheries and Oceans Canada  
Kitimat River Hatchery  
PO Box 197 (283 Haisla Blvd)  
Kitimat, BC V8C 2G7

[markus.feldhoff@dfo-mpo.gc.ca](mailto:markus.feldhoff@dfo-mpo.gc.ca)  
ph 250.639.9888 fax 250.639.9220

Cuts to Provincially managed species in Fed facilities

Tuesday, June 27, 2017  
8:02 AM

Subject	Cuts to Provincially managed species in Fed facilities
From	McCulloch, Mike FLNR:EX
To	Ramsay, Mike K FLNR:EX
Cc	Andrusak, Greg FLNR:EX; Stalberg, Mike X FLNR:EX; Lewis, Vicki FLNR:EX; Beere, Mark C FLNR:EX; Lensky, Kristina FLNR:EX; Davies, Trevor FLNR:EX
Sent	Monday, May 29, 2017 11:20 AM

Hello all,

No doubt most of you had received news of the DFO cuts to the Resource Restoration Unit and educational programs, but the news that DFO is removing Provincially managed species programs from their facilities came as a bit of a surprise to me. I have contacted key staff at The Quinsam (5K CTT) and Robertson Creek (100K steelhead) hatcheries to discover that they have clear advice that the programs will not be supported in the future but that no fish will be euthanized. As far as carrying the programs through to next spring in the case of these smolt programs, that also remains unclear.

Some of the cuts are itemized in this article: <http://vancouver.sun.com/news/local-news/fisheries-axe-to-salmon-programs-in-freshwater-alarms-stream-enhancement-groups>

There is some additional interest in the online forums but I do not believe that the public has had time to fully digest this news.

Cheers,

MPM

~~~~~  
Mike McCulloch  
Anadromous Fisheries Specialist | Fish & Wildlife Section  
Ministry of Forests, Lands and Natural Resource Operations | West Coast Region  
Nanaimo, BC, V9T 6J9 | ' (250) 751-3156 | Ê (250) 751-3103  
Switch board (250) 751-7220 | 8 <mailto:William.Wilton@gov.bc.ca> Mike.McCulloch@gov.bc.ca  
~~~~~

FW: Cuts to Provincially managed species in Fed facilities

Tuesday, June 27, 2017  
8:02 AM

Subject	FW: Cuts to Provincially managed species in Fed facilities
From	Stalberg, Mike X FLNR:EX
To	Wenham, Logan FLNR:EX
Sent	Monday, May 29, 2017 3:02 PM

Hey Logan,

Not sure if you saw this story.

Thanks,  
Mike

---

From: McCulloch, Mike FLNR:EX  
Sent: Monday, May 29, 2017 11:20 AM  
To: Ramsay, Mike K FLNR:EX  
Cc: Andrusak, Greg FLNR:EX; Stalberg, Mike X FLNR:EX; Lewis, Vicki FLNR:EX; Beere, Mark C FLNR:EX; Lensky, Kristina FLNR:EX; Davies, Trevor FLNR:EX  
Subject: Cuts to Provincially managed species in Fed facilities

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MPM

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~~~~~

## RE: Cuts to Provincially managed species in Fed facilities

Tuesday, June 27, 2017

8:01 AM

Subject	<b>RE: Cuts to Provincially managed species in Fed facilities</b>
From	Stalberg, Mike X FLNR:EX
To	Wenham, Logan FLNR:EX
Sent	Monday, May 29, 2017 3:23 PM

Good idea, there is a strong likelihood that we will receive letters based on DFO's changes

There are other regions that will be impacted more.

---

From: Wenham, Logan FLNR:EX  
Sent: Monday, May 29, 2017 3:20 PM  
To: Stalberg, Mike X FLNR:EX  
Subject: RE: Cuts to Provincially managed species in Fed facilities

I did not – I should forward this to GCPE. OK with you?

Logan Wenham  
Fish and Wildlife Policy Lead  
Fish, Wildlife and Habitat Management  
Forests, Lands and Natural Resource Operations  
Phone: 250-387-3974

To live is to fly, low and high,  
So shake the dust off of your wings, and the sleep out of your eyes;  
Townes Van Zandt (To Live is to Fly)

---

From: Stalberg, Mike X FLNR:EX  
Sent: Monday, May 29, 2017 3:02 PM  
To: Wenham, Logan FLNR:EX  
Subject: FW: Cuts to Provincially managed species in Fed facilities

Hey Logan,

Not sure if you saw this story.

Thanks,  
Mike

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From: McCulloch, Mike FLNR:EX  
Sent: Monday, May 29, 2017 11:20 AM  
To: Ramsay, Mike K FLNR:EX  
Cc: Andrusak, Greg FLNR:EX; Stalberg, Mike X FLNR:EX; Lewis, Vicki FLNR:EX; Beere, Mark C FLNR:EX; Lensky, Kristina FLNR:EX; Davies, Trevor FLNR:EX  
Subject: Cuts to Provincially managed species in Fed facilities

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Cheers,

MPM

~~~~~

Mike McCulloch

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~~~~~

## RE: Chat soon?

Tuesday, June 27, 2017

8:01 AM

Subject	RE: Chat soon?
From	McCulloch, Mike FLNR:EX
To	'Willis, David (Pacific)'
Sent	Monday, May 29, 2017 3:46 PM

David,

You are penciled in. Would you like to give me a call on my cell at s.22 on Wed at 09:00?

Cheers,

-----  
**Mike McCulloch**

Anadromous Fisheries Specialist | Fish & Wildlife Section

Ministry of Forests, Lands and Natural Resource Operations | West Coast Region

Nanaimo, BC, V9T 6J9 | ☎ (250) 751-3156 | 📠 (250) 751-3103

Switch board (250) 751-7220 | 📧 [Mike.McCulloch@gov.bc.ca](mailto:Mike.McCulloch@gov.bc.ca)  
-----

**From:** Willis, David (Pacific) [<mailto:David.Willis@dfo-mpo.gc.ca>]

**Sent:** Monday, May 29, 2017 3:43 PM

**To:** McCulloch, Mike FLNR:EX

**Subject:** RE: Chat soon?

Thanks Mike, I appreciate your situation and your need to get some info out to stakeholders ASAP. How about Wednesday morning at 9? Hopefully I'll have some more info by tomorrow to give you something more concrete for then.

A broader call may have to wait until things loosen up over here on the comms front, but I will certainly accommodate that as soon as I can.

Dave

**From:** McCulloch, Mike FLNR:EX [<mailto:Mike.McCulloch@gov.bc.ca>]

**Sent:** Monday, May 29, 2017 3:35 PM

**To:** Willis, David (Pacific)

**Subject:** RE: Chat soon?

David,

I was going to give you a call but figured you might be busy. Seems like a conference call with a slightly broader audience may be called for but I don't mind having a preliminary conversation with you in the meantime s.13,s.16

I will arrange my schedule around a call at your convenience any day this week.

MPM  
-----

**Mike McCulloch**

Anadromous Fisheries Specialist | Fish & Wildlife Section

Ministry of Forests, Lands and Natural Resource Operations | West Coast Region

Nanaimo, BC, V9T 6J9 | ☎ (250) 751-3156 | 📠 (250) 751-3103

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-----

**From:** Willis, David (Pacific) [<mailto:David.Willis@dfo-mpo.gc.ca>]

**Sent:** Monday, May 29, 2017 3:07 PM

**To:** McCulloch, Mike FLNR:EX

**Subject:** Chat soon?

Hi Mike,

We should probably have a chat sometime this week. I believe there may be some high level discussions happening tomorrow between DFO and BC. I am not yet privy to details of implementation, but we should chat soon once there is more clarity. And yes, I am being intentionally vague via email.

Thanks.

David Willis

A/Section Head, Coastal Enhancement Operations  
Salmonid Enhancement Program  
200-401 Burrard St  
Vancouver, BC  
V6C 3S4  
P (Vancouver)-604-666-2030  
P (Nanaimo) – 250-756-7291  
c-604-788-0501  
f-604-666-0417  
[e-david.willis@dfo-mpo.gc.ca](mailto:e-david.willis@dfo-mpo.gc.ca)

## FW: Chat soon?

Tuesday, June 27, 2017  
8:01 AM

Subject	<b>FW: Chat soon?</b>
From	McCulloch, Mike FLNR:EX
To	Stalberg, Mike X FLNR:EX
Cc	Anderson, Brendan FLNR:EX
Sent	Monday, May 29, 2017 3:47 PM

FYI

---

### Mike McCulloch

Anadromous Fisheries Specialist | Fish & Wildlife Section  
Ministry of Forests, Lands and Natural Resource Operations | West Coast Region  
Nanaimo, BC, V9T 6J9 | ☎ (250) 751-3156 | 📠 (250) 751-3103  
Switch board (250) 751-7220 | 📧 [Mike.McCulloch@gov.bc.ca](mailto:Mike.McCulloch@gov.bc.ca)

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MPM

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### Mike McCulloch

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David Willis



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f-604-666-0417  
[e-david.willis@dfo-mpo.gc.ca](mailto:e-david.willis@dfo-mpo.gc.ca)

## RE: Chat soon?

Tuesday, June 27, 2017

8:00 AM

Subject	RE: Chat soon?
From	Willis, David (Pacific)
To	McCulloch, Mike FLNR:EX
Sent	Monday, May 29, 2017 3:48 PM

Will do. Talk then.

**From:** McCulloch, Mike FLNR:EX [mailto:Mike.McCulloch@gov.bc.ca]

**Sent:** Monday, May 29, 2017 3:46 PM

**To:** Willis, David (Pacific)

**Subject:** RE: Chat soon?

David,

You are penciled in. Would you like to give me a call on my cell at s.22 on Wed at 09:00?

Cheers,

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**Mike McCulloch**

Anadromous Fisheries Specialist | Fish & Wildlife Section

Ministry of Forests, Lands and Natural Resource Operations | West Coast Region

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MPM  
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Thanks.

David Willis

A/Section Head, Coastal Enhancement Operations

Salmonid Enhancement Program

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f-604-666-0417

[e-david.willis@dfo-mpo.gc.ca](mailto:e-david.willis@dfo-mpo.gc.ca)

# DFO Resource Restoration Unit

Tuesday, June 27, 2017

8:00 AM

Subject	<b>DFO Resource Restoration Unit</b>
From	Psyllakis, Jennifer FLNR:EX
To	FLNR Fish and Wildlife Section Heads; FLNR DRMs
Cc	Ramsay, Mike K FLNR:EX; Andrusak, Greg FLNR:EX; Davies, Trevor FLNR:EX; Trotter, Ward FLNR:EX
Sent	Tuesday, May 30, 2017 11:33 AM

Hi All,

As you have likely heard, DFO has made program decisions that affect a number of areas of shared interests/delivery (see email below from Rebecca Reid). We are still working on determining what the impacts / options are and FLNRO and DFO executive will be meeting to discuss. We will keep you informed as more information becomes available and feel free to pass along anything you think should be considered.

I also understand some staff are receiving phone calls; pass this note along if appropriate.

Thanks,

Jen

\*\*\*\*\*

Following Budget 2016, Fisheries and Oceans Canada (and the Canadian Coast Guard) conducted a thorough review of its programs and services to determine if our work was aligned with our core mandate or if there were options for reallocation. The review determined that DFO and the Coast Guard required ongoing investments to maintain the delivery of critical services to Canadians. However, several programs were identified as not core to meet the Department's legislative and regulatory responsibilities.

DFO's Resource Restoration Unit is being eliminated, along with two other Salmon Enhancement Program components - the Education and Technical Support Contracts and the production of Steelhead and Cutthroat Trout at SEP Hatcheries. DFO's Resource Restoration Unit will go through a phased transition over 3 years; the other two reductions will take place this year; although existing fish in hatcheries will be maintained until their scheduled release.

Even though SEP is undergoing changes, the Department remains committed to achieving its management objectives as they relate to the harvest, stock assessment and conservation of Pacific salmon. The program that will continue include: fish production at the 23 large hatchery facilities, fish production through the Community Economic Development Program, as well as numerous Public Involvement Projects that are delivered by community groups and supported by DFO.

We intend to continue to work with stakeholders to address the recommendations of the Cohen Commission, including implementation the Wild Salmon Policy, partnering on the Salish Sea Marine Survival Project, support the Strategic Salmon Health Initiative and other areas of mutual interest. As well we continue to be committed to habitat restoration. For example, we are increasing investments to First Nations through the Aboriginal Fisheries Strategy and the Aboriginal Aquatic Resource and Oceans Management Program. We are investing heavily in coastal restoration under the Oceans Protection Plan and we continue to invest in local organizations through the Recreational Fisheries Conservation and Partnership Program.

Given the growth within our organization as a result of these new investments, and an expectation that we will be hiring upwards of 900 new employees across the country over the next year, we are confident that we will be able to find other opportunities within the Department for all of our affected staff.

Regards,

Rebecca Reid  
Regional Director General/ Directrice générale régionale  
Fisheries and Oceans Canada - Pacific Region/ Pêches et Océans Canada - Région du Pacifique  
200-401 Burrard Street / 401, rue Burrard, bureau 200  
Vancouver, BC/CB V6C 3S4  
Office / Téléphone: 604-666-6098  
Cell / Cellulaire: 604 323 6422  
E-mail/ Courriel: [rebecca.reid@dfo-mpo.gc.ca](mailto:rebecca.reid@dfo-mpo.gc.ca)

## FW: DFO education contracts TERMINATED

Tuesday, June 27, 2017  
7:59 AM

Subject	<b>FW: DFO education contracts TERMINATED</b>
From	McCulloch, Mike FLNR:EX
To	Stalberg, Mike X FLNR:EX
Cc	Barr, Larry FLNR:EX
Sent	Wednesday, May 31, 2017 2:25 PM

Mike,  
Similar to the update I provided to you this AM.

---

### Mike McCulloch

Anadromous Fisheries Specialist | Fish & Wildlife Section  
Ministry of Forests, Lands and Natural Resource Operations | West Coast Region  
Nanaimo, BC, V9T 6J9 | ☎ (250) 751-3156 | 📠 (250) 751-3103  
Switch board (250) 751-7220 | ✉ [Mike.McCulloch@gov.bc.ca](mailto:Mike.McCulloch@gov.bc.ca)

---

**From:** McCulloch, Mike FLNR:EX

**Sent:** Wednesday, May 31, 2017 12:07 PM

**To:** Ramsay, Mike K FLNR:EX; Beere, Mark C FLNR:EX; 'andrew.wilson@gofishbc.com'; Willcox, Michael FLNR:EX

**Cc:** Bison, Robert FLNR:EX; Williston, Lee X FLNR:EX; 'Pollard, Sue'; Ptolemy, Ron ENV:EX

**Subject:** RE: DFO education contracts TERMINATED

Hello all,

David Willis gave me a call this morning to discuss the implications of the recent decision described below on Regional steelhead and cutthroat programs. For the West Coast Region the directly affected programs would include the Stamp steelhead and Quinsam cutthroat programs. s.13,s.16

s.13,s.16 . Our first opportunity to collect brood if either of these programs was to move forward would be in November (through March) on the Stamp, so that gives us some time to formulate a strategy if needed.

There appears to be no additional information at this time beyond what is described below which is a response letter directed to Al Martin (BCWF) s.13,s.16

s.13,s.16 The voids left by these programs will not be filled with new salmon initiatives. Unfortunately I do not have anything new to share at this time.

Let me know how I can assist moving forward.

MPM

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### Mike McCulloch

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**From:** Pollard, Sue [<mailto:Sue.Pollard@gofishbc.com>]

**Sent:** Tuesday, May 30, 2017 3:02 PM

**To:** Ptolemy, Ron ENV:EX; McCulloch, Mike FLNR:EX; Willcox, Michael FLNR:EX; Bison, Robert FLNR:EX; Williston, Lee X FLNR:EX; Beere, Mark C FLNR:EX

**Subject:** RE: DFO education contracts TERMINATED

In case you haven't seen this yet – I believe it's making its rounds to regions...

\*\*\*\*\*

Following Budget 2016, Fisheries and Oceans Canada (and the Canadian Coast Guard) conducted a thorough review of its programs and services to determine if our work was

aligned with our core mandate or if there were options for reallocation. The review determined that DFO and the Coast Guard required ongoing investments to maintain the delivery of critical services to Canadians. However, several programs were identified as not core to meet the Department's legislative and regulatory responsibilities.

DFO's Resource Restoration Unit is being eliminated, along with two other Salmon Enhancement Program components - the Education and Technical Support Contracts and the production of Steelhead and Cutthroat Trout at SEP Hatcheries. DFO's Resource Restoration Unit will go through a phased transition over 3 years; the other two reductions will take place this year; although existing fish in hatcheries will be maintained until their scheduled release.

Even though SEP is undergoing changes, the Department remains committed to achieving its management objectives as they relate to the harvest, stock assessment and conservation of Pacific salmon. The program that will continue include: fish production at the 23 large hatchery facilities, fish production through the Community Economic Development Program, as well as numerous Public Involvement Projects that are delivered by community groups and supported by DFO.

We intend to continue to work with stakeholders to address the recommendations of the Cohen Commission, including implementation the Wild Salmon Policy, partnering on the Salish Sea Marine Survival Project, support the Strategic Salmon Health Initiative and other areas of mutual interest. As well we continue to be committed to habitat restoration. For example, we are increasing investments to First Nations through the Aboriginal Fisheries Strategy and the Aboriginal Aquatic Resource and Oceans Management Program. We are investing heavily in coastal restoration under the Oceans Protection Plan and we continue to invest in local organizations through the Recreational Fisheries Conservation and Partnership Program.

Given the growth within our organization as a result of these new investments, and an expectation that we will be hiring upwards of 900 new employees across the country over the next year, we are confident that we will be able to find other opportunities within the Department for all of our affected staff.

Regards,

Rebecca Reid

Regional Director General/ Directrice générale régionale

Fisheries and Oceans Canada - Pacific Region/ Pêches et Océans Canada - Région du Pacifique

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**From:** Ptolemy, Ron ENV:EX [<mailto:Ron.Ptolemy@gov.bc.ca>]

**Sent:** May-30-17 2:46 PM

**To:** McCulloch, Mike FLNR:EX <[Mike.McCulloch@gov.bc.ca](mailto:Mike.McCulloch@gov.bc.ca)>; Wilson, Greg WLAP:EX <[Greg.Wilson@gov.bc.ca](mailto:Greg.Wilson@gov.bc.ca)>; Pollard, Sue <[Sue.Pollard@gofishbc.com](mailto:Sue.Pollard@gofishbc.com)>; Andrusak, Greg FLNR:EX <[Greg.Andrusak@gov.bc.ca](mailto:Greg.Andrusak@gov.bc.ca)>; Tschaplinski, Peter J ENV:EX <[Peter.Tschaplinski@gov.bc.ca](mailto:Peter.Tschaplinski@gov.bc.ca)>; Thompson, Richard P WLAP:EX <[Richard.Thompson@gov.bc.ca](mailto:Richard.Thompson@gov.bc.ca)>; Galand, Lise FLNR:EX <[Lise.Galand@gov.bc.ca](mailto:Lise.Galand@gov.bc.ca)>; Willcox, Michael WLAP:EX <[Michael.Willcox@gov.bc.ca](mailto:Michael.Willcox@gov.bc.ca)>

**Subject:** FW: DFO education contracts TERMINATED

FYI....see below.

Also consider that DFO's obligation to produce steelhead smolts at their hatcheries has been terminated by the Gov of Canada; as informed by Mike McCulloch I believe. Has DFO discovered a new "mandate".

Ron

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**From:** Dorothy Chambers s.22

**Sent:** Tuesday, May 30, 2017 2:36 PM

**To:** ;

**Subject:** DFO education contracts TERMINATED  
**DFO education contracts....TERMINATED.....**



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# Federally Endorsed and Supported Petition to Reinstate SEP Funding

Tuesday, June 27, 2017  
7:58 AM

Subject	<b>Federally Endorsed and Supported Petition to Reinstate SEP Funding</b>
From	Brian Banks
To	;
Sent	Tuesday, June 6, 2017 10:47 AM

Recently DFO made some sudden, surprising cuts to the Salmonid Enhancement Program (SEP) including resource restoration staff, technical support and education programs. This includes the stream to sea education program that supplies eggs to classrooms. The funding was cut for our Gently Down the Stream education program also, where thousands of kids have come through the hatchery, learned about salmon and what they can do to help protect the species for decades to come.

Due to public outcry the cuts have been reversed for 1 year, but we need to make our voices heard. This MP federally endorsed and supported petition was shared with me. It will be presented in the House of Commons in October. Please take a minute to sign and feel free to share as much as you can.

<https://petitions.ourcommons.ca/en/Petition/Details?Petition=e-1133>

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