

## **DFO financial information provided in response to a request made by Commissioner Cohen at the May 4, 2011 hearing on the topic of Habitat Enhancement and Restoration**

July 26, 2011

This document provides the financial numbers in relation to estimates offered in oral testimony by Canada's witnesses during re-examination by Canada at the hearing on May 4, 2011. Commissioner Cohen invited Canada to provide more precise financial figures to commission counsel (request to be found in transcript at p.18, lines 25-44). There were 3 themes covered in re-examination where the witnesses offered dollar figure estimates; infrastructure funding, lake enrichment, and Watershed-based Fish Sustainability Plan funding. This financial information is as a result of research by DFO officials in departmental data bases.

### 1) Infrastructure Funding

*Questions and Answers on the Record (May 4, 2011 Transcript, p.12 lines 6-47, p.13 lines 1-35)*

6 Q At paragraph 79, there is a reference there to  
7 funding. Does SEP also receive funding from a  
8 departmental real property account? Maybe I'll  
9 ask Mr. Savard.  
10 MR. SAVARD: Yes, so this paragraph refers to funding  
11 to upgrade and work on infrastructure. The  
12 particular statement that is there that says \$8  
13 million for the SEP program, this was funding that  
14 was made available through the Government of  
15 Canada's Economic Action Plan, and so that was  
16 funding over two years, just the two previous  
17 fiscal years, I believe, just finished up.  
18 With respect to kind of longer-term funding,  
19 the Salmon Enhancement Program accesses capital  
20 funding through a national capital funding pot,  
21 which is about \$40 million a year. So that is the  
22 funding source in terms of doing work on our  
23 capital infrastructures, a national funding pot

24 that we access, \$40 million a year for the  
25 Department of Fisheries across the country.  
26 Q Now, I appreciate that what comes to SEP in any  
27 given year is going to vary, but can you say  
28 anything about what level of funding has come to  
29 SEP from the funds you've just described in recent  
30 years per year?

31 MR. SAVARD: Yeah, typically what happens with this  
32 funding is a project will be approved and then we  
33 will do -- and it will be approved for funding  
34 through this capital funding pot. But the  
35 project, most of the major projects don't occur  
36 over one year. They will be amortized out over  
37 three to five years, because this work takes a lot  
38 of time to do. So currently in recent years, a  
39 few projects that are underway, is one is the --  
40 we have a complete rebuild that's nearing  
41 completion for the Quinsam Hatchery on Vancouver  
42 Island, and that was valued at about \$14 million,  
43 but that \$14 million would be spent over about  
44 four or five years.

45 Q And that's coming from the national fund you  
46 described.

47 MR. SAVARD: It's coming from that national fund.

1 Q All right.

2 MR. SAVARD: Another -- a few other projects, we've  
3 talked about the Economic Action Plan ones. We  
4 have something called a concrete package, where  
5 we've got capital funding over about, I believe  
6 it's three years, where many of the hatchery  
7 facilities in the region have a lot of concrete in  
8 their construction. So that particular fund,

9 we've accessed money in that fund to upgrade or  
10 work on improving or upgrading the quality of that  
11 concrete work in a number of facilities across the  
12 hatcheries in the Pacific region.

13 And likewise, we are also getting funding  
14 over from that fund for improvements to water  
15 distribution systems for a number of sites through  
16 the region.

17 Q And can you put a number, just a number, if you  
18 can, approximately per year that is going into  
19 what I'm going to describe as the "this and thats"  
20 that you've just described, important stuff, but  
21 bread and butter kinds of things, if you like.  
22 Just is it \$1 million, \$2 million, what level of  
23 dollars are going into that from this national  
24 fund?

25 MR. SAVARD: Based on the projects that I've described,  
26 the Economic Action Plan, the Quinsam --

27 Q Well, we've got the number for the --

28 MR. SAVARD: Yes.

29 Q -- Economic Action Plan. It's just the national  
30 fund.

31 MR. SAVARD: But on average I would suggest it's in the  
32 \$2 million to \$5 million range, and I'd have to  
33 look at the numbers a bit closer to be more  
34 accurate than that.

35 Q That's good enough. Thank you. If you turn to

Additional Information provided by DFO in response to the request

**Infrastructure Funding for SEP Major Facilities  
2007/08 to 2010/11  
(000's)**

<b>Year</b>	<b>Major Capital</b>	<b>Minor Capital</b>	<b>Economic Action Plan</b>
<b>2007/08</b>	Relocation of the Doug Little Hatchery - \$45k (this was preliminary project development funding - this project was subsequently cancelled)	Eagle River Enumeration Fence - \$0.1k Tenderfoot Hatchery Egg - Take Shelter Reconstruction - \$21.8k Sakinaw Dam Upgrade - \$16.0k Fulton Potable Water - \$8.5k Fulton Tunnel Drainage Repair - \$32.1k	Not Applicable
<b>2008/09</b>	SEP Facility Concrete Refurbishments - \$983k Quinsam River Hatchery Refurbishment - \$835k	Hartley Bay Egg - Take Shelter Repair - \$24.9k Robertson Creek - Water Intake Repairs - \$23.8k Fulton Dam Geotechnical Survey - \$99.9k Pinkut Electrical and Alarm Upgrade - \$15.2k Chilliwack Hatchery Intake Deck Replacement - \$19.4k Robertson Creek Hand Rail AVC - \$20.0k Nitinat Hatchery Transformer Platform - \$7.6k Pitt-Sockeye Satellite Air Exchange - \$15.1 Nitnat Hatchery Emergency Repairs - \$26.5k Fulton Emergency Repairs - \$15.0k Weaver Creek Emergency Repairs - \$19.9k Kitimat Emergency Heating Repairs - \$25.2k	Not Applicable
<b>2009/10</b>	SEP Facility Concrete Refurbishments - \$1,089k Quinsam River Hatchery Refurbishment - \$2,029k	\$0k - Projects funded out of the EAP	SEP Facility Water Supply Refurbishments - \$2,437k SEP Facility Base Building Refurbishments - \$1,531k
<b>2010/11</b>	SEP Facility Concrete Refurbishments - \$1,342k Quinsam River Hatchery Refurbishment - \$4,500k	Chehalis Emergency Pump Repair - \$116.5k Nanaimo R. CEDP Electrical Upgrade & Roof Replacement - \$64.5k GC-TEND-Energy Efficiency Updates - \$43.6k GC-SPIUS-Energy Efficiency Updates - \$31.6k GC-CHEH-VFD Design - \$48.7k GC-CHEH-Lighting Design - \$16.2k GC-SPIUS-Energy Efficiency Updates - \$9.6k Shuswap Hatchery Infrastructure - \$56.1k	SEP Facility Water Supply Refurbishments - \$3,015k SEP Facility Base Building Refurbishments - \$1,167k

Annual O&M: \$750k (of which \$500k is related to emergency repairs and we are not able to track these by project)

## 2) Cost of Lake Enrichment

*Questions and Answers on the Record (May 4, 2011 Transcript, p.13 lines 35-47, p.14 lines 1-6)*

35 Q That's good enough. Thank you. If you turn to  
36 paragraph 103, it says:

37  
38 Lake fertilisation is expensive, costing up  
39 to hundreds of thousands of dollars per year  
40 per lake.

41  
42 Am I right that there is lake enrichment going on  
43 in recent years in Great Central Lake?

44 MS. CROSS: Yes, that's correct.

45 Q And is that the original lake enrichment lake?

46 MS. CROSS: It is one of them, yes.

47 Q And is that a highly productive one in terms of

1 bang for your buck in terms of lake enrichment?

2 MS. CROSS: Yes. Yes.

3 Q Do you know the approximate number that's going  
4 into that per year?

5 MS. CROSS: The most recent year I think it was  
6 \$120,000.

*Additional Information provided by DFO in response to the request*

**Great Central Lake Enrichment Program  
2006/07 to 2010/11  
(000's)**

	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
Operations & Maintenance	70.4	65.1	66.1	65.2	98.8
Salary and Wage	20.0	20.0	20.0	20.0	20.0
<b>Total</b>	<b>\$ 90.4</b>	<b>\$ 85.1</b>	<b>\$ 86.1</b>	<b>\$ 85.2</b>	<b>\$ 118.8</b>

### 3) DFO Funding for the Watershed-based Fish Sustainability Plan

*Questions and Answers on the Record (May 4, 2011 Transcript, p.14 lines 7-24)*

7 Q If you go to paragraph 116, there is a sentence at  
8 the end beginning "The WFSP", I understand WFSP to  
9 be Watershed-based Fish Sustainability Plan, which  
10 is something that's started to be referred to on  
11 the previous page. Is there a correction to the  
12 last sentence in paragraph 116, the sentence  
13 beginning:

14  
15 The WFSP was never a DFO program and thus did  
16 not provide...funding...

17  
18 MS. CROSS: Yes, there is. The WFSP was a partnership  
19 program that included DFO and British Columbia,  
20 and we do provide, we have provided some funding  
21 for communities developing such strategies.

22 Q And do you know what level of funding on an annual  
23 basis, approximately?

24 MS. CROSS: I don't.

*Additional Information provided by DFO in response to the request*

**Watershed Based Fish Sustainability Planning by Area  
2006/07 to 2010/11  
(000's)**

<b>Area</b>	<b>2006-07</b>	<b>2007-08</b>	<b>2008-09</b>	<b>2009-10</b>	<b>2010-11</b>
<b>RHQ</b>	\$ 40.0	\$ 51.0	\$ 50.0	\$ 94.0	\$ 12.8
<b>LFA</b>	\$ 110.0	\$ 105.0	\$ 105.0	\$ 70.0	\$ 65.0
<b>BCI</b>	\$ 45.0	\$ 40.0	\$ 20.0	\$ 45.0	\$ 65.0
<b>SCA</b>	\$ 45.0	\$ 40.0	\$ 40.0	\$ 40.0	\$ 82.2
<b>NCA</b>	\$ 30.0	\$ 25.0	\$ 25.0	\$ 28.0	\$ 45.0
<b>TOTAL</b>	<b>\$ 270.0</b>	<b>\$ 261.0</b>	<b>\$ 240.0</b>	<b>\$ 277.0</b>	<b>\$ 270.0</b>