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Rhonda Whiting  
Montana

November 29, 2007

## **DECISION MEMORANDUM**

**TO:** Council members

**FROM:** Peter Paquet, Manager, Wildlife & Resident Fish

**SUBJECT:** Columbia River Hatchery Scientific Review Funding Proposal

### **PROPOSED ACTION:**

Recommend that Bonneville approve the \$1.3 million request to fund the completion of the Columbia River Hatchery Scientific Review process.

### **BACKGROUND**

Please see the attached documents provided by Jim Waldo.

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November 29, 2007

Northwest Power Planning & Conservation Council  
851 SW Sixth Ave, Suite 1100  
Portland, OR 97204-1348

RE: Funding Request for the Columbia River Hatchery Reform Project

Dear Council Members:

On behalf of the Hatchery Scientific Review Group (HSRG), I respectfully request that the NWPPC authorize Bonneville to provide \$1.3 million to fund the Columbia River Hatchery Reform Project in 2008.

As background, the HSRG in the Columbia Basin was established in 2006 to review hatchery and wild stocks in the Basin to determine ways to improve management practices in order to meet conservation goals while providing for sustainable fisheries. The 14-member independent science group has met on a monthly basis and recently completed its review of the Lower Columbia River hatchery and wild stocks in Washington and Oregon. The three-region ESU served in part as a pilot to test the hatchery reform process and identify potential improvements that will benefit both the HSRG analysis and its usefulness to the co-managers. The HSRG identified several improvements to the process that will ensure the process provides the greatest value and maximum benefits to the co-managers in the region. The scientists are currently reviewing programs above Bonneville Dam and are scheduled to complete their reviews in the entire Basin by October 2008 if sufficient funds are made available to complete the work.

Since the initial conception of the Hatchery Review project, interest in the use of the HSRG's "All H Analyzer" (AHA) and the "Managing for Success" (MFS) decision-making tools to integrate the "Four H's" (hatcheries, harvest, hydropower development and habitat) has increased. Several managers are currently using the HSRG tools in the region including the USFWS, the USCOE, and the states of Washington and Oregon. In addition NOAA Fisheries

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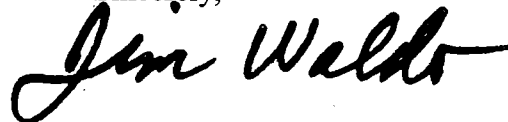
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supports the efforts of the HSRG. The results of this effort will provide value to many on-going processes in the Basin, including the NWPCC's provincial planning effort.

Attached is a budget breakdown reflecting what is necessary to complete the HSRG's work by October 2008. I have also attached the current schedule for reviewing the remaining programs upriver. We look forward to discussing this request with you on December 11<sup>th</sup> and answering any questions you may have.

Sincerely,

A handwritten signature in black ink that reads "Jim Waldo". The signature is written in a cursive, flowing style with a large initial "J" and "W".

James C. Waldo

JCW:bjm

## Columbia River Hatchery Reform Project

HSRG Review	Date
Hatchery Review ~ Fact Finding (Region 7 Columbia Gorge, OR)	August 2007
Hatchery Review ~ Fact Finding (Region 6 Columbia Gorge, WA)	September 2007
Hatchery Review ~ Fact Finding (Region 14 Willamette, OR)	October 2007
Cumulative Review ~ Lower Columbia Programs	November 2007
Hatchery Review ~ Fact Finding (Region 9 Columbia Plateau, OR)	December 2007
Hatchery Review ~ Fact Finding (Region 10 Columbia Plateau, WA)	January 2008
Cumulative Review ~ Mid Columbia Programs	February 2008
Hatchery Review ~ Fact Finding (Region 8 Columbia Cascade, WA)	March 2008
Cumulative Review ~ Upper Columbia Programs	April 2008
Hatchery Review ~ Fact Finding (Region 11 and 12 Mountain Snake Salmon and Clearwater)	May 2008
Hatchery Review ~ Fact Finding (Region 13 Blue Mountain)	June 2008
Cumulative Review ~ Snake River Programs	July 2008
Cumulative Review ~ Columbia River Programs	August 2008
Present Recommendations and Receive Comments	September 2008
Final Report	October 2008

**Columbia River Hatchery Reform Budget Request (Summary)**

Activity / Task	No. Hatchery Programs	No. Populations	Workshop No.	Funded FY 2007	Funds to Complete	Schedule to Complete
<b>Management Tools Development</b>				\$ 285,000	\$ 150,000	
<b>HSRG-Review</b>						
Hatchery Review--Fact Finding (Region 7 Columbia Gorge, OR)	4	10	1	\$ 78,869		August-07
Hatchery Review--Fact Finding (Region 6 Columbia Gorge, WA)	16	28	2	\$ 50,302		September-07
Hatchery Review--Fact Finding (Region 14 Willamette, OR)			3	\$ 92,084		October-07
<b>Cumulative review--Lower Columbia Programs</b>			4	\$ 74,593		November-07
Hatchery Review--Fact Finding (Region 9 Columbia Plateau, OR)	8	11	5	\$ 50,358		December-07
Hatchery Review--Fact Finding (Region 10 Columbia Plateau, WA)	12	19	6	\$ 75,870		January-08
<b>Cumulative review--Mid Columbia Programs</b>			7	\$ 75,381		February-08
Hatchery Review--Fact Finding (Region 8 Columbia Cascade, WA)	21	24	8		\$ 112,000	March-08
<b>Cumulative review--Upper Columbia Programs</b>			9		\$ 115,000	April-08
Hatchery Review--Fact Finding (Region 11 and 12 Mnt Snake Salmon and Clearwater)	50	61	10		\$ 158,000	May-08
Hatchery Review--Fact Finding (Region 13 Blue Mountain)	24	33	11		\$ 125,000	June-08
<b>Cumulative review--Snake River Programs</b>			12		\$ 113,000	July-08
<b>Cumulative review--Columbia River Programs</b>			13		\$ 133,000	August-08
<b>Present Recommendations and Receive Comments</b>			14		\$ 140,000	September-08
<b>Final Report</b>			15		\$ 90,000	October-08

Science Component	\$ 782,457	\$ 1,136,000
Facilitation Component		\$ 130,000
Project Priority Reserve		\$ 34,000
<b>Total</b>		<b>\$ 1,300,000</b>