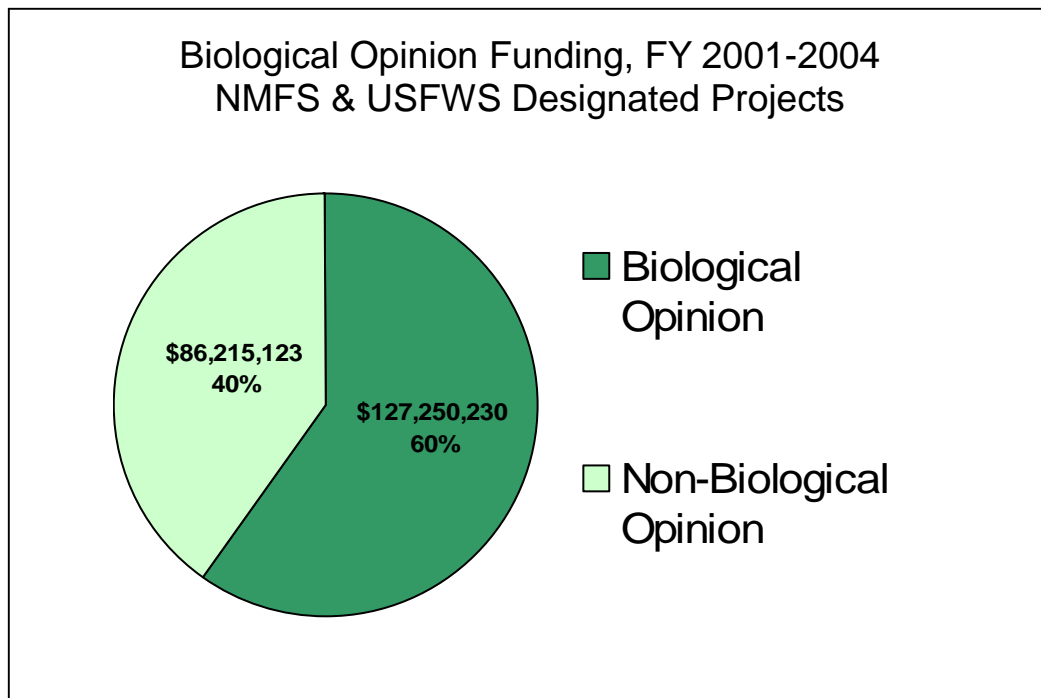


Systemwide Projects

The Systemwide category includes projects from the Mainstem/Systemwide review cycle, as well as systemwide projects from other review cycles or funding originations.

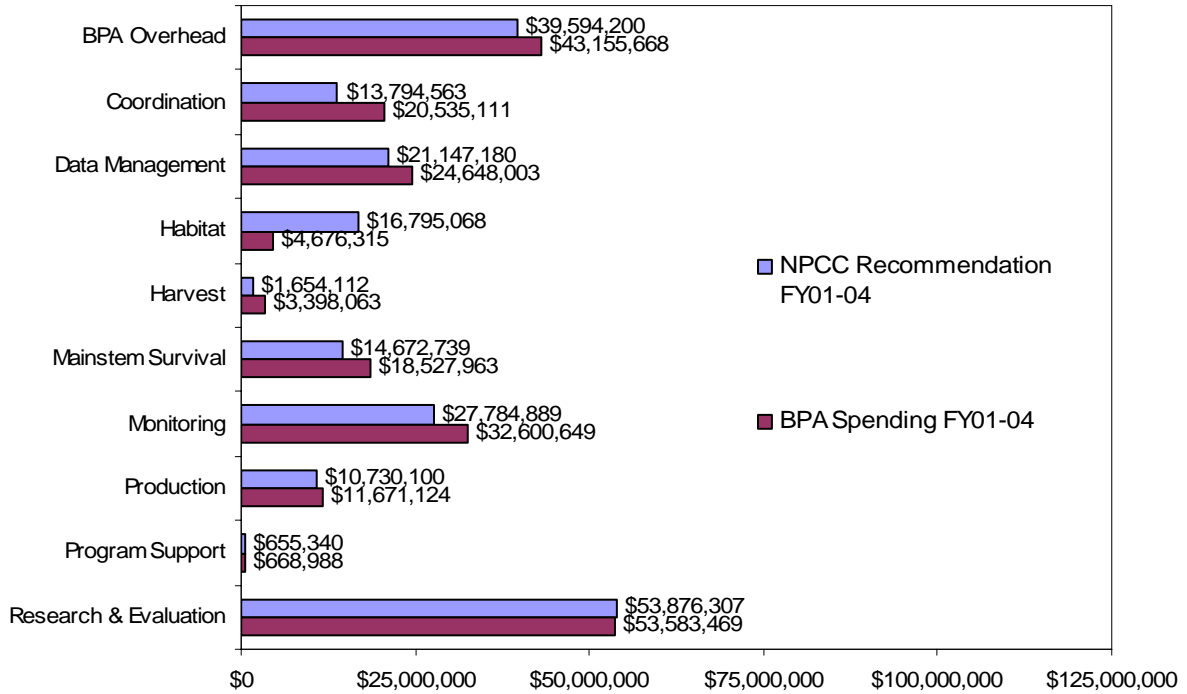
BPA Spending, FY 2001-2004

FY 2001	\$47,173,630
FY 2002	\$53,168,198
FY 2003	\$57,739,793
FY 2004	\$55,383,731
<hr/>	
Total Spending	\$213,465,352

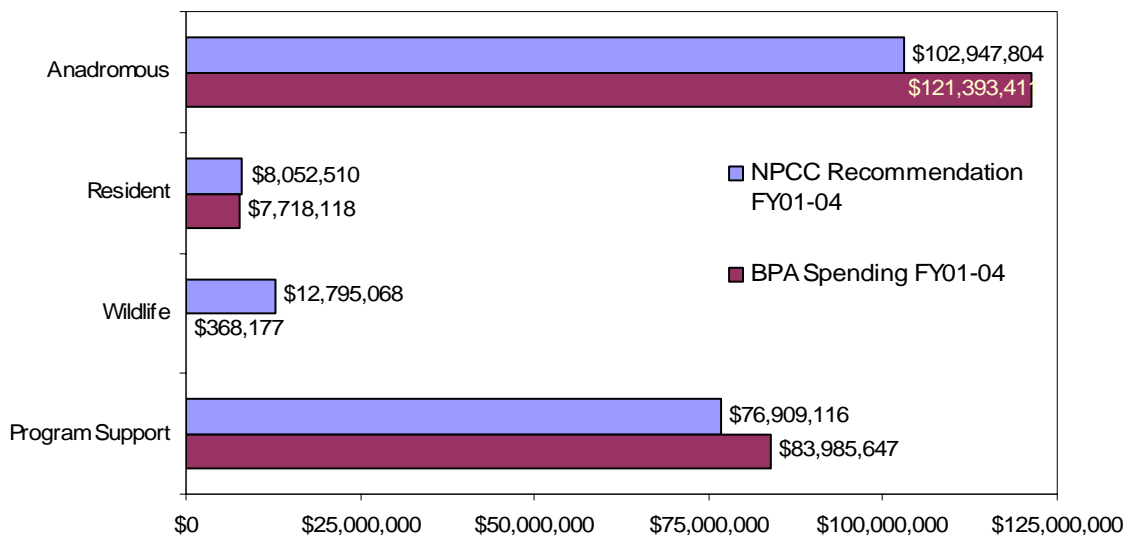


Systemwide FY 2001-2004 Spending Summaries

NPCC Recommendations and BPA Spending by Project Category, FY01-04



NPCC Recommendations and BPA Spending by Project Type, FY01-04



Systemwide Projects

<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>	
198201300	Coded-Wire Tag Recovery				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$2,000,000	\$2,068,000	\$2,068,000	\$ 0	Anadromous	Monitoring	N/A
	BPA Spent	\$1,652,305	\$3,291,624	\$3,151,889	\$ 0			
198201301	Coded Wire Tag - PSMFC				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$2,028,757	Anadromous	Monitoring	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$1,934,313			
198201302	Annual Stock Assessment - Coded Wire Tag Program (ODFW)				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$217,881	Anadromous	Monitoring	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$147,532			
198201303	Coded Wire Tag - USFWS				Not Reviewed		Yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$119,268	Anadromous	Monitoring	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$152,344			
198201304	Annual Stock Assessment - Coded Wire Tag Program (WDFW)				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$319,137	Anadromous	Monitoring	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$321,203			
198331900	New Marking and Monitoring Techniques for Fish				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$1,836,855	\$1,899,308	\$1,899,308	\$1,255,100	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$1,819,911	\$1,578,635	\$1,692,038	\$603,464			
<i>198605000</i>	<i>White Sturgeon Mitigation and Restoration in the Columbia and Snake Rivers Upstream from Bonneville Dam</i>				<i>Mainstem/Systemwide</i>		<i>no</i>	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$1,990,925	\$2,058,616	\$2,058,616	\$1,378,916	Resident	Research & Evaluation	N/A
	BPA Spent	\$2,109,372	\$2,240,103	\$1,990,545	\$1,160,691			

Projects in *italics* have preliminary results data included in Volume I.

Systemwide Projects, continued...

<i>Project ID</i>	<i>Project Title</i>					<i>Review Cycle</i>		<i>BiOp?</i>
198712700	Smolt Monitoring by Federal and Non-Federal Agencies					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$2,295,433	\$2,373,477	\$2,373,477	\$1,910,000	Anadromous	Monitoring	N/A
	BPA Spent	\$2,158,844	\$2,217,268	\$2,443,906	\$1,752,862			
198740100	Assessment of Smolt Condition: Biological and Environmental Interactions					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$206,000	\$213,004	\$213,004	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$189,478	\$380,833	\$193,498	\$138,960			
198810804	StreamNet					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$2,047,500	\$2,117,115	\$2,117,115	\$2,261,033	Program Support	Data Management	N/A
	BPA Spent	\$2,171,612	\$2,936,489	\$2,273,819	\$2,271,291			
198906201	Fish and Wildlife Program Implementation					Mainstem/Systemwide		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$2,000,000	\$2,068,000	\$2,068,000	\$1,245,700	Program Support	Coordination	N/A
	BPA Spent	\$4,619,480	\$4,683,969	\$3,987,637	\$1,514,303			
198906600	Annual Stock Assessment-Coded Wire Tag Program (WDFW)					FY 2001 Ongoing		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$400,000	\$ 0	\$ 0	\$ 0	Anadromous	Monitoring	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$ 0			
198906900	Annual Stock Assessment - Coded Wire Tag Program (ODFW)					FY 2001 Ongoing		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$208,247	\$ 0	\$ 0	\$ 0	anadromous	Monitoring	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$ 0			
198907201	Independent Scientific Advisory Board Support					Mainstem/Systemwide		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$100,027	\$103,427	\$103,427	\$ 0	Program Support	Coordination	N/A
	BPA Spent	\$95,298	\$83,343	\$122,073	\$90,870			
198909600	Monitor and evaluate genetic characteristics of supplemented salmon and steelhead					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$254,510	\$263,163	\$263,163	\$593,900	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$268,125	\$237,898	\$374,362	\$453,269			

Systemwide Projects, continued...

<i>Project ID</i>	<i>Project Title</i>					<i>Review Cycle</i>		<i>BiOp?</i>
198910700	Statistical Support for Salmonid Survival Studies					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$246,560	\$254,943	\$254,943	\$ 0	Anadromous	Monitoring	N/A
	BPA Spent	\$132,466	\$422,103	\$341,604	\$174,690			
198910800	Monitor and Evaluate Modeling Support/CRISP					FY 2001 Ongoing		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	BPA Overhead	N/A
	BPA Spent	\$438,854	\$619,963	\$501,354	\$390,383			
199005200	Performance/Stock Productivity Impacts of Hatchery Supplementation					FY 2001 Ongoing		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Monitoring	N/A
	BPA Spent	\$337,903	\$541,324	\$323,185	\$218,477			
199007700	Northern Pikeminnow Management Program					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$2,505,933	\$2,591,134	\$2,591,134	\$1,435,000	Anadromous	Mainstem Survival	N/A
	BPA Spent	\$4,461,778	\$2,000,000	\$2,893,822	\$2,811,905			
199007800	Pikeminnow Management Support					FY 2001 Ongoing		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Mainstem Survival	N/A
	BPA Spent	\$76,743	\$12,959	\$73,643	\$ 0			
199008000	Columbia Basin PIT Tag Information System					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$1,450,000	\$1,499,300	\$1,499,300	\$2,431,442	Anadromous	Data Management	N/A
	BPA Spent	\$1,819,627	\$1,473,392	\$3,107,703	\$2,184,249			
199008001	PIT TAG Purchases					Mainstem/Systemwide		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Monitoring	N/A
	BPA Spent	\$1,701,721	\$2,455,775	\$1,136,250	\$367,494			
199009300	Genetic Analysis of Oncorhynchus nerka (modified to include chinook salmon)					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$130,564	\$135,003	\$135,003	\$126,436	Anadromous	Monitoring	N/A
	BPA Spent	\$226,577	\$110,576	\$153,319	\$13,634			

Systemwide Projects, continued...

<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>	
199105100	Monitoring and Evaluation Statistical Support				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$340,357	\$351,929	\$351,929	\$394,655	Program Support	Monitoring	N/A
	BPA Spent	\$342,635	\$407,586	\$405,974	\$389,549			
199105500	Natural Rearing Enhancement Systems (NATURES)				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$500,000	\$517,000	\$517,000	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$1,551,847	\$352,200	\$337,620			
199203200	Life-Cycle Model Development and Application to System Planning				FY 1999		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$39,599	\$8,771	\$ 0	\$ 0			
199207300	Develop Laser Marking Salmonid				FY 1998		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$338,662	\$250,114	\$ 0	\$ 0			
199302900	Estimate Survival for the Passage of Juvenile Salmonids Through Dams and Reservoirs of the Lower Snake and Columbia Rivers				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$1,194,700	\$1,235,319	\$1,235,319	\$1,884,200	Anadromous	Mainstem Survival	N/A
	BPA Spent	\$1,058,079	\$1,361,177	\$1,259,415	\$2,518,443			
199303701	Technical Assistance with Life Cycle Modeling				FY 2001 Ongoing		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	BPA Overhead	N/A
	BPA Spent	\$185,721	\$180,786	\$203,705	\$189,607			
199305600	Assessment of Captive Broodstock Technologies				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$1,300,000	\$1,344,200	\$1,344,200	\$1,468,100	Anadromous	Production	N/A
	BPA Spent	\$1,585,541	\$2,210,243	\$1,784,507	\$1,498,505			
199403300	The Fish Passage Center				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$1,100,000	\$1,137,400	\$1,137,400	\$1,302,904	Anadromous	Data Management	N/A
	BPA Spent	\$1,377,198	\$1,138,637	\$1,285,052	\$1,448,931			

Systemwide Projects, continued...

<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>	
199600500	Independent Scientific Advisory Board				Mainstem/Systemwide		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$704,124	\$728,064	\$728,064	\$549,699	Program Support	Coordination	N/A
	BPA Spent	\$488,309	\$290,137	\$370,819	\$493,337			
199600800	PATH - State & Tribal Agencies				FY 2000		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$29,000	\$ 0	\$ 0	\$ 0	Program Support	Monitoring	N/A
	BPA Spent	\$29,279	\$ 0	\$ 0	\$ 0			
199601700	Tech Support Bio Analyst Inc				FY 2001 Ongoing		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	BPA Overhead	N/A
	BPA Spent	\$103,991	\$281,657	\$302,505	\$134,185			
199601900	Second-Tier Database Support				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$170,000	\$175,780	\$175,780	\$275,111	Anadromous	Data Management	N/A
	BPA Spent	\$169,206	\$209,278	\$323,977	\$264,757			
199602000	Comparative Survival Rate Study (CSS) of Hatchery Pit Tagged Chinook & Comparative Survival Study Oversight Committee				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$851,979	\$941,184	\$941,184	\$1,736,542	Anadromous	Monitoring	N/A
	BPA Spent	\$354,050	\$272,710	\$300,226	\$470,618			
199602100	Gas Bubble Disease Research and Monitoring of Juvenile Salmonids				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$23,269	\$16,688	\$16,688	\$16,885	Anadromous	Monitoring	N/A
	BPA Spent	\$87,372	\$4,029	\$46,786	\$4,184			
199606700	Manchester Spring Chinook Broodstock Project				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$500,000	\$517,000	\$517,000	\$877,600	Anadromous	Production	N/A
	BPA Spent	\$933,118	\$657,858	\$524,966	\$345,448			
199702300	Independent Scientific Review				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$500,000	\$500,000	\$500,000	\$499,951	Program Support	Coordination	N/A
	BPA Spent	\$792,699	\$782,458	\$356,474	\$441,137			

Systemwide Projects, continued...

<i>Project ID</i>	<i>Project Title</i>					<i>Review Cycle</i>		<i>BiOp?</i>
199702400	Avian Predation on Juvenile Salmonids in the Lower Columbia River					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$642,000	\$642,000	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$584,088	\$642,483	\$816,894	\$294,269			
199702600	Ecology Of Marine Predatory Fishes: Influence On Salmonid Ocean Survival					FY 2001 Ongoing		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$180,000	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$ 0			
199704400	Hydro Regulator Model Development					FY 1998		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$40,928	\$40,717	\$ 0	\$ 0			
199705900	Securing Habitat Mitigation Sites - Oregon					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$6,195,068	\$3,300,000	\$3,300,000	\$ 0	Wildlife	Habitat	N/A
	BPA Spent	\$160,609	\$136,594	\$28,128	\$ 0			
199705901	OR Wildlife Planning & Coordination USFWS					FY 2001 Ongoing		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Wildlife	Habitat	N/A
	BPA Spent	\$34,594	\$ 0	\$ 0	\$ 0			
199705902	Oregon Wildlife Planning/Coordination					FY 2001 Ongoing		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Wildlife	Habitat	N/A
	BPA Spent	\$2,452	\$3,270	\$1,532	\$ 0			
199705903	Oregon Wildlife Planning and Coordination (ODFW)					Not Reviewed		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Wildlife	Habitat	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$ 997			
199800100	PATH/ESA Bio Assessment HES					FY 2001 Ongoing		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	BPA Overhead	N/A
	BPA Spent	\$136,198	\$116,615	\$148,024	\$115,852			

Systemwide Projects, continued...

<i>Project ID</i>	<i>Project Title</i>					<i>Review Cycle</i>		<i>BiOp?</i>
199800401	Electronic Fish and Wildlife Newsletter					Mainstem/Systemwide		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$155,000	\$160,270	\$160,270	\$179,800	Anadromous	Program Support	N/A
	BPA Spent	\$165,556	\$178,626	\$187,171	\$137,635			
199800405	Columbia Basin Artificial Production					Not Reviewed		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Production	N/A
	BPA Spent	\$84,147	\$ 0	\$ 0	\$ 0			
199800800	Regional Forum Facilitation Services					Mainstem/Systemwide		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$71,000	\$123,414	\$ 0	\$ 0	Anadromous	Coordination	N/A
	BPA Spent	\$67,961	\$93,410	\$65,427	\$ 0			
199801100	Natural Heritage Program (MT)					Not Reviewed		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	BPA Overhead	N/A
	BPA Spent	\$ 0	\$5,500	\$11,000	\$5,500			
199801200	Geographic Info System Support					Not Reviewed		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	BPA Overhead	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$27,619			
199801300	ESA Meeting Writer & Editor					Not Reviewed		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	BPA Overhead	N/A
	BPA Spent	\$66,391	\$94,283	\$74,187	\$13,014			
199801301	Tech Writer Salmon Committee					Not Reviewed		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	BPA Overhead	N/A
	BPA Spent	\$9,271	\$9,573	\$2,072	\$ 0			
199801400	Ocean Survival of Salmonids					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$845,000	\$873,730	\$1,767,855	\$1,827,962	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$2,883,691	\$1,699,356	\$1,828,351	\$2,917,148			

Systemwide Projects, continued...

<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>	
199803100	Implement Wy-Kan-Ush-Mi Wa-Kish-Wit Watershed Assessment and Restoration Plan Now				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$289,301	\$299,136	\$299,136	\$314,093	Anadromous	Coordination	N/A
	BPA Spent	\$137,203	\$438,246	\$335,986	\$184,536			
199804200	Redesign of Fish & Wildlife Management Systems				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	BPA Overhead	N/A
	BPA Spent	\$36,606	\$ 0	\$ 0	\$ 0			
199805100	Natural Heritage Program (WA)				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	BPA Overhead	N/A
	BPA Spent	\$2,500	\$ 0	\$ 0	\$ 0			
199805600	NMFS Net Exchange Program				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Harvest	N/A
	BPA Spent	\$41,774	\$5,090	\$ 0	\$ 0			
199900301	Evaluate Spawning of Fall Chinook and Chum Salmon Just Below the Four Lowermost Mainstem Dams				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$615,425	\$636,349	\$636,349	\$779,586	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$496,805	\$1,013,830	\$900,696	\$734,992			
199902200	Assessing Genetic Variation Among Columbia Basin White Sturgeon Populations				FY 2001 Ongoing		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$136,043	\$136,043	\$ 0	\$ 0	Resident	Research & Evaluation	N/A
	BPA Spent	\$58,328	\$73,053	\$ 0	\$ 0			
199904100	Use Nutrient Spawning Salmon				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$155,350	\$8,123	\$ 0	\$ 0			
200000600	Training Support To NRCS				FY 2001 Ongoing		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	BPA Overhead	N/A
	BPA Spent	\$5,965	\$ 0	\$ 0	\$ 0			

Systemwide Projects, continued...

<i>Project ID</i>	<i>Project Title</i>					<i>Review Cycle</i>		<i>BiOp?</i>
200000700	Infrastructure to Complete FDA Registration of Erythromycin					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$71,766	\$74,206	\$74,206	\$160,919	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$43,619	\$59,662	\$111,034	\$123,232			
200001700	Kelt Reconditioning: A Research Project to Enhance Iteroparity in Columbia Basin Steelhead (Oncorhynchus mykiss)					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$227,982	\$235,733	\$235,733	\$555,121	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$117,603	\$137,652	\$220,180	\$364,292			
200002900	Identification and thermal requirements of larval Pacific, river, and western brook lampreys					Mainstem/Systemwide		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$77,280	\$79,907	\$79,907	\$186,945	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$59,761	\$100,942	\$107,758	\$44,316			
200005500	NPT Law Enforcement					Mainstem/Systemwide		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$426,916	\$ 0	\$ 0	\$ 0	Anadromous	Harvest	N/A
	BPA Spent	\$509,751	\$623,154	\$462,062	\$80,062			
200005600	Law Enforcement Anadromous Salmonids					Mainstem/Systemwide		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$400,000	\$413,598	\$413,598	\$ 0	Anadromous	Harvest	N/A
	BPA Spent	\$571,057	\$400,299	\$460,997	\$243,818			
200005700	Evaluate Effects of Hydraulic Turbulence on the Survival of Migratory Fish					FY 2000		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$169,623	\$30,182	\$ 0	\$ 0			
200005800	Effects of supersaturated water on reproductive success of adult salmonids					FY 2001 Ongoing		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$110,074	\$15,724	\$ 0	\$ 0			
200007100	Analyzing Genetic and Behavioral Changes During Salmonid Domestication					FY 2000		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$57,429	\$59,046	\$69,910			

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<i>Project ID</i>	<i>Project Title</i>					<i>Review Cycle</i>		<i>BiOp?</i>
200007200	Heritability of Disease Resistance and Immune Function in Chinook Salmon					FY 2000		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$2,891	\$125,346	\$121,965	(\$ 181)			
200007300	Subbasin Assessments					Not Reviewed		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	Research & Evaluation	N/A
	BPA Spent	\$445,465	\$507,849	(\$20,884)	\$ 0			
200007402	Baseline Key Ecological Function					Not Reviewed		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	Research & Evaluation	N/A
	BPA Spent	\$9,750	\$ 0	\$ 0	\$ 0			
200007600	Tech Support Kintama Research					Not Reviewed		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	BPA Overhead	N/A
	BPA Spent	\$4,050	\$ 0	\$ 0	\$ 0			
200100100	Implementation Plan Development					Not Reviewed		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	BPA Overhead	N/A
	BPA Spent	\$47,523	\$59,275	\$103,301	\$26,310			
200100300	ISO Adult PIT Interrogation System Installations					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$853,313	\$853,313	\$853,313	\$1,972,106	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$606,739	\$1,106,140	\$50,627			
200100500	GIS for Subbasin Assessment					Not Reviewed		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	BPA Overhead	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$128,347			
200100600	Misc F&W Sponsorships					Not Reviewed		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	BPA Overhead	N/A
	BPA Spent	\$1,000	\$4,000	\$ 0	\$ 0			

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<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>	
200100800	Genetic Sex of Chinook Salmon in the Columbia River Basin				FY 2001 Innovative		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$99,736	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 868	\$63,538	\$33,858	\$ 0			
200101000	Using Induced Turbulence to Assist Downstream-Migrating Juvenile Salmonids				FY 2001 Innovative		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$219,923	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$44,079	\$243,819	\$18,312	\$ 0			
200101700	Idaho Conservation Data Center				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	BPA Overhead	N/A
	BPA Spent	\$5,000	\$ 0	\$10,000	\$5,000			
200104500	Action Plan Proposal Review				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	BPA Overhead	N/A
	BPA Spent	\$12,415	\$118,231	\$71,992	\$9,539			
200104700	Reintroduction success of steelhead from captive propagation and release strategies				FY 2001 Innovative		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$238,003	\$95,618	(\$1,648)			
200104800	Ecosystem Diagnosis Model				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	Monitoring	N/A
	BPA Spent	\$ 0	\$277,049	\$ 0	\$ 0			
200104900	Safety Net Coordinator				Not Reviewed		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	BPA Overhead	N/A
	BPA Spent	\$4,020	\$14,608	\$5,602	\$5,555			
200107000	EDT Model Evaluation				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$94,176	\$45,010	\$ 0			

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<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>	
200107400	NPPC Regional Data Needs				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPPC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	Data Management	N/A
	BPA Spent	\$ 0	\$72,061	\$95,484	\$ 0			
200107800	EDT Validation - USF&WS				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPPC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$28,533	\$9,380	\$ 0			
200200500	Fisher Fisheries				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPPC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	BPA Overhead	N/A
	BPA Spent	\$ 0	\$56,558	\$116,418	\$63,546			
200201300	Water Entity (RPA 151)				Not Reviewed		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPPC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Habitat	N/A
	BPA Spent	\$ 0	\$27,125	\$1,826,101	\$ 0			
200201301	Water Entity (RPA 151) NWPPC				Not Reviewed		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPPC Rec	\$ 0	\$ 0	\$ 0	\$4,000,000	Anadromous	Habitat	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$2,454,911			
200204600	Fish Alignment Project				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPPC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	BPA Overhead	N/A
	BPA Spent	\$ 0	\$36,231	\$32,747	\$14,400			
200204700	Artificial Production Review				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPPC Rec	\$ 0	\$1,000,000	\$1,300,000	\$100,000	Anadromous	Production	N/A
	BPA Spent	\$ 0	\$170,311	\$689,004	\$71,242			
200205100	Sub Basin Planning				Not Reviewed		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPPC Rec	\$ 0	\$ 0	\$4,300,000	\$10,700,000	Program Support	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$75,719	\$3,759,520	\$8,545,226			

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<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>	
200207100	Comprehensive Marking Plan				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$94,200	Anadromous	BPA Overhead	N/A
	BPA Spent	\$ 0	\$5,303	\$45,497	\$ 0			
200207500	Technical Recovery Team (TRT)				Not Reviewed		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	BPA Overhead	N/A
	BPA Spent	\$ 0	\$ 0	\$97,794	\$267,006			
200207700	Estuary/Ocean RME Support				Not Reviewed		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	BPA Overhead	N/A
	BPA Spent	\$ 0	\$ 0	\$88,289	\$86,890			
200300300	Use a Multi-Watershed Approach to Increase the Rate of Learning from Columbia Basin Watershed Restoration Projects				FY 2002 Innovative		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$199,764	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$ 0	\$129,396	\$70,559			
200300400	RFS Placeholder-Eval Hatch Eff				Not Reviewed		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$1,800,000	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$ 0			
200300500	Hatchery & Genetics Management Plan				Not Reviewed		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$462,000	\$ 0	\$ 0	Anadromous	Production	N/A
	BPA Spent	\$ 0	\$ 0	\$607,154	\$509,080			
200301700	Develop and Implement a Pilot Status and Trend Monitoring Program for Salmonids and their Habitat in the Wenatchee and Grande Ronde River Basins				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$226,250	\$1,515,000	Anadromous	Monitoring	N/A
	BPA Spent	\$ 0	\$ 0	\$79,230	\$676,482			
200303600	Collaborative, Systemwide Monitoring and Evaluation Program.				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$968,800	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$679,225			

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<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>	
200303800	Evaluate Restoration Potential of Snake River Fall Chinook Salmon Spawning Habitat				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$147,185			
200303900	Monitoring the reproductive success of naturally spawning hatchery and natural spring chinook salmon in the Wenatchee, Tucannon, and Kalama Rivers				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Monitoring	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$338,469			
200304100	Evaluate Delayed (Extra) Mortality Associated with Passage of Yearling Chinook Salmon Smolts through Snake River Dams				Mainstem/Systemwide		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$1,100,000	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$338,857			
200304700	Data Management Placeholder				Not Reviewed		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$250,000	Anadromous	Data Management	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$ 0			
200304800	BPA Overhead				BPA Overhead		no	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$8,000,000	\$8,000,000	\$12,000,000	\$11,500,000	Program Support	BPA Overhead	N/A
	BPA Spent	\$7,679,109	\$9,466,370	\$10,457,680	\$9,354,436			
200305000	Evaluation of the Reproductive Success of Wild and Hatchery Steelhead in Natural and Hatchery Environments				FY 2003 RFS		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$259,604	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$155,271			
200305800	A Tool for Evaluating Risks and Benefits of Reform Actions in Hatchery Programs				FY 2003 RFS		yes	
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$49,906			

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<i>Project ID</i>	<i>Project Title</i>					<i>Review Cycle</i>		<i>BiOp?</i>
200306200	Proposal to Evaluate the Reproductive Success of Natural-Origin, Hatchery-Origin, and Kelt Steelhead in the Columbia River Basin					FY 2003 RFS		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$64,224			
200306500	Determine origin, movements and relative abundance of bull trout in Bonneville Reservoir					Mainstem/Systemwide		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$293,351	Resident	Monitoring	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$86,026			
200307200	An Interactive Biodiversity Information System for the Columbia River Basin					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Data Management	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$25,240			
200311300	Fish Counting Protocols					FY 2003 Within-year Modification		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$72,870	\$ 0	Anadromous	Monitoring	N/A
	BPA Spent	\$ 0	\$ 0	\$17,388	\$129,819			
200311400	An Acoustic Tracking Array for Studying Ocean Survival and Movements of Columbia River Salmon					Mainstem/Systemwide		yes
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Anadromous	Research & Evaluation	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$197,989			
200400100	PISCES					Not Reviewed		no
	FY	2001	2002	2003	2004	Type	Category	Accuracy
	NPCC Rec	\$ 0	\$ 0	\$ 0	\$ 0	Program Support	BPA Overhead	N/A
	BPA Spent	\$ 0	\$ 0	\$ 0	\$238,746			

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