

**Seventh Annual Report to the Northwest Governors
on Expenditures of the Bonneville Power Administration**

**to Implement the Columbia River Basin Fish and Wildlife Program of the
Northwest Power and Conservation Council**

1978 - 2007

April 2008



Council Document 2008-03

Summary

In Fiscal Year 2007, the Bonneville Power Administration spent a total of \$716 million to mitigate the impacts of hydropower dams on fish and wildlife of the Columbia River Basin. Of this amount, \$139.5 million was for direct spending to implement the Northwest Power and Conservation Council's Columbia River Basin Fish and Wildlife Program. The remainder was money Bonneville reimburses the Corps of Engineers and Bureau of Reclamation for fish-related dam operations (\$60.3 million); interest, amortization, and depreciation (these are called "fixed expenses") on capital investments in facilities such as hatcheries and fish passage at dams (\$112.9 million); forgone hydropower revenues that result from dam operations that benefit fish but reduce hydropower generation (\$282.6 million); and power purchases to replace the forgone hydropower (\$120.7 million). Tables 2-4 of this report detail Bonneville's direct spending on the Council's program in Fiscal Year 2007.

The 2007 expenditures bring the grand total of Bonneville's fish and wildlife spending, from 1978 when the expenses began, through 2007, to \$9,378,800,000¹. The spending amounts in this report were supplied by Bonneville at the Council's request and were not independently verified by the Council or any other party. Below, in descending order, is a breakdown of the expenditures, 1978-2007, which are detailed

in Table 1 of this report:

- \$3.02 billion for power purchases to meet load requirements in response to required river operations that reduce hydropower generation.
- \$2.06 billion in forgone revenue, the calculated value of hydropower that could not be generated because of required river operations to assist fish passage and improve fish survival, such as water spills at the dams when salmon and steelhead are migrating to or from the ocean.
- \$1.84 billion for the Council's direct program. As noted above, the direct-program expenditures do not include annual expenditures from the separate capital-investment budget. With capital expenditures added, the total for 1978-2007 is \$3.97 billion.²
- \$1.49 billion in fixed expenses for bonds issued by Bonneville to pay for capital investments in fish-passage facilities at the dams.
- \$922.5 million to reimburse the U.S. Treasury for the power-generation share of other federal agency expenditures to mitigate the impact of hydropower on fish and wildlife. Primarily these reimbursements are paid to the U.S. Army Corps of Engineers, Bureau of Reclamation, and U.S. Fish and Wildlife Service for efforts to improve fish and wildlife survival apart from the Council's program, such as operation and maintenance of fish passage facilities and federal fish hatcheries.

¹ Section 4(h)(10)(C) of the Northwest Power Act established a reimbursement to Bonneville in form of a credit against its annual debt repayment to the U.S. Treasury. In establishing the credit, Congress recognized that the dams have multiple purposes. Each of these purposes contributes to the collective impacts on fish and wildlife from dam operations, but the Power Act requires Bonneville to pay only for those i□

the entire cost and then receives an annual credit against its Treasury payment for the non-power-related impacts. The amount of this credit -- \$66.1 million in 2007 -- is shown in the table on Page 15 of this report. Since 1995, when Bonneville first took the credit, the total amount is \$943.4 million. The spending totals reported on this page have not been reduced by these amounts.

² For the i□

"action plan" projects. These are included in the calculation of 1978-2007 total spending. The high-priority projects were intended to bring immediate benefits to all species listed for protection under the Endangered Species Act in advance of subbasin planning (subbasin plans were submitted to the Council in 2004 and adopted into the fish and wildlife program in 2004 and 2005). The "action plan" projects were intended to bring immediate benefits to ESA-listed salmon and steelhead that were affected by altered hydropower dam operations in the spring and early summer of 2001, when the flow of the Columbia River was at a near-record low.

Background

The 2008 Report

This is the seventh in a series of annual reports the Council prepares to explain funding of the Columbia River Basin Fish and Wildlife Program. The reports respond to a July 1999 request by the governors of Idaho, Oregon, Montana, and Washington -- the four states represented on the Council -- to report annually on expenditures of the Bonneville Power Administration to implement the program.

In this seventh annual report, the Council provides an update of Bonneville's funding through Fiscal Year 2007. The report also includes information about salmon and steelhead in the Columbia River Basin. Financial information was provided by Bonneville in response to requests from the Council. Information about salmon and steelhead was compiled from reports by the Fish Passage Center, U.S. Army Corps of Engineers, NOAA Fisheries, the states of Washington and Oregon through the Columbia River Compact, and the University of Washington Joint Institute for the Study of the Atmosphere and Oceans.

The Northwest Power and Conservation Council

The Northwest Power Act of 1980, a federal law, authorized the states of Idaho, Montana, Oregon, and Washington to form the Northwest Power and Conservation Council (it was known until 2003 as the Northwest Power Planning Council). The Act directs the Council to prepare a program to protect, mitigate and enhance fish and wildlife of the Columbia River Basin that have been affected by hydropower. The Act also directs the Administrator of the Bonneville Power Administration, the federal agency that sells electricity generated at federal dams in the Columbia River Basin, to use the Bonneville fund in a manner consistent with

the Council's program to protect, mitigate and enhance fish and wildlife affected by hydropower in the Columbia River Basin.

The Columbia River Basin Fish and Wildlife Program

The Council is a planning, policy-making, and reviewing body. Consistent with the Northwest Power Act, the Council develops the fish and wildlife program and monitors its implementation. The program is implemented primarily by Bonneville but also by the region's fish and wildlife agencies and tribes, the U.S. Army Corps of Engineers, the Bureau of Reclamation, and the Federal Energy Regulatory Commission and its licensees. The program addresses hydropower impacts on anadromous fish, resident fish, and wildlife. Anadromous fish are those that spawn in freshwater, migrate to the Columbia River estuary as juveniles, spend their adult lives in the Pacific Ocean, and then return to their freshwater birthplaces to spawn. Resident fish are those that live and migrate within freshwater rivers, streams, and lakes.

The program includes scientific research; habitat acquisitions and easements³; and construction projects to improve habitat and fish passage and to build and operate hatcheries. The program also recommends certain reservoir elevations and flow requirements to protect anadromous and resident fish and their habitat. Other measures call for using stored water to maintain appropriate water temperatures and protect streambeds. The program focuses most of the mitigation activities on anadromous fish, consistent with language in the Northwest Power Act. Section 2.6 of the Act states that anadromous fish "are of significant importance to the social and economic well-being of the Pacific Northwest and the

³ Habitat acquisitions are credited against identified habitat losses attributable to the construction of hydropower dams. The crediting unit is called a "□ species.

Nation” and that these fish “are dependent on suitable environmental conditions substantially obtainable from the management and operation” of dams on the Columbia River and its tributaries. Primarily these are salmon and steelhead, but anadromous Pacific lamprey and sturgeon also are found in the Columbia system. These species also are targeted in the Council’s program.

Through a collaborative process, the Council and Bonneville solicit projects to implement the program. The Council submits project proposals for review by the fish and wildlife managers, the Independent Scientific Review Panel (ISRP)⁴ and the general public and then recommends projects to Bonneville for funding. The Council also requests NOAA Fisheries and the U.S. Fish and Wildlife Service to provide input on projects required to meet the agencies’ Endangered Species Act obligations for threatened and endangered fish species.

Beginning in Fiscal Year 2007, projects that implement the program are based on needs identified in subbasin plans and funded for three years at a time rather than one year. In 2008, the Council is conducting one of the periodic reviews of the program required by the Power Act. The Council expects to complete the review and program amendment process in December.

4 The Independent Scientific Review Panel was created by the Council in response to a 1996 amendment to the Northwest Power Act that called for greater scientific scrutiny and public accountability of expenditures to implement the Council’s program. The 11 members of the Panel are nominated by the National Academy of Sciences and appointed by the Council.

Expenditures by Category

Program expenditures

Program expenditures include three categories: 1) the direct program, which includes the projects that are reviewed by the ISRP and fish and wildlife managers and then recommended by the Council to Bonneville for funding; 2) supplemental mitigation expenses, which include the Action Plan and High Priority projects described in footnote 1 of this report; and 3) reimbursable and direct-funded expenses, which constitute the portion of costs Bonneville pays to, or on behalf of, other entities for fish and wildlife mitigation projects such as the construction of fish-passage facilities at the federal dams.

For Fiscal Year 2007, Bonneville reported direct-program expenditures of \$199.8 million. The total includes obligations to capital construction projects of \$36.2 million⁵, federal hydropower associated projects costs of \$60.4 million⁶, and reimbursable project costs of \$60.2 million⁷.

In 2007, Bonneville's spending for anadromous fish totaled \$105.1 million. For resident fish, the amount was \$21.4 million. For wildlife, the amount was \$33.3 million. Expenditures for anadromous fish projects amounted to 60.1 percent of direct-program spending. Resident fish projects accounted for 12.2 percent of direct-program spending, and wildlife expenditures accounted for 19.1 percent.⁸

Bonneville reported systemwide fish and wildlife program support expenditures of \$3.3 million in 2007. These include costs such as data management, coordination and information to support all programs.

Internal program support (\$11.1 million in 2007) includes contracts for program review and independent analysis of the program, and for Bonneville's Fish and Wildlife Division overhead and personnel costs.

Power purchases

Measures in the Council's program and in the 2000 and 2004 Biological Opinions on Hydropower Operations issued by NOAA Fisheries and the U.S. Fish and Wildlife Service can affect hydropower generation (a new biological opinion, resulting from a court-ordered remand of the 2004 opinion, is due in 2008). These measures include river and dam operations to protect spawning and rearing areas for resident fish such as bull trout and white sturgeon and to improve passage conditions at dams for juvenile salmon and steelhead. To make up lost hydropower generation when these operations occur, Bonneville often buys electricity from other suppliers. These purchases are part of Bonneville's larger wholesale power purchases. To determine how much of these purchases to attribute to lost hydropower from the fish operations, Bonneville performs two annual calculations of its total power purchases -- one that includes the fish operations and one that does not. Bonneville attributes the difference in power purchases to the fish requirements and, therefore, identifies them as a cost in the fish and wildlife budget. Bonneville assigned \$120.7 million in power purchases to the fish and wildlife budget in 2007.

⁵ Capital projects are financed over time through with appropriated debt. These projects include construction of fish hatcheries, fish and wildlife habitat improvements, and land purchases for wildlife.

⁶ The Associated Projects category includes Bonneville's share of the cost of the projects in the U.S. Army Corps of Engineers' Columbia River Fish Mitigation Program. These projects include, among others, fish passage improvements at the federal dams, barge transportation of juvenile salmon and steelhead, research in the Columbia River estuary, and the effort to relocate Caspian tern nesting areas from the estuary to other locations in the Northwest.

⁷ Reimbursable and direct-funded expenses in Fiscal Year 2007 include: Lower Snake River hatcheries operations and maintenance, \$19.3 million; Bonneville's share of Corps of Engineers hydropower projects operations and maintenance costs, \$32.9 million; Bonneville's share of Bureau of Reclamation hydropower projects operations and maintenance, \$3.9 million; and one half of the Power Council's budget, \$4.2 million (Bonneville assigns the other half of the Council's budget to its Power Business Line).

⁸ Wildlife expenditures are treated differently than expenditures for anadromous fish and resident fish. Wildlife projects address habitat losses that have been calculated, by species, for each federal dam (or groups of dams within tributary subbasins). The identified losses only address the impacts of dam construction; losses attributable to dam operations have not been quantified. The Council, Bonneville, and the region's wildlife managers developed a system of crediting habitat acquisitions against the losses.

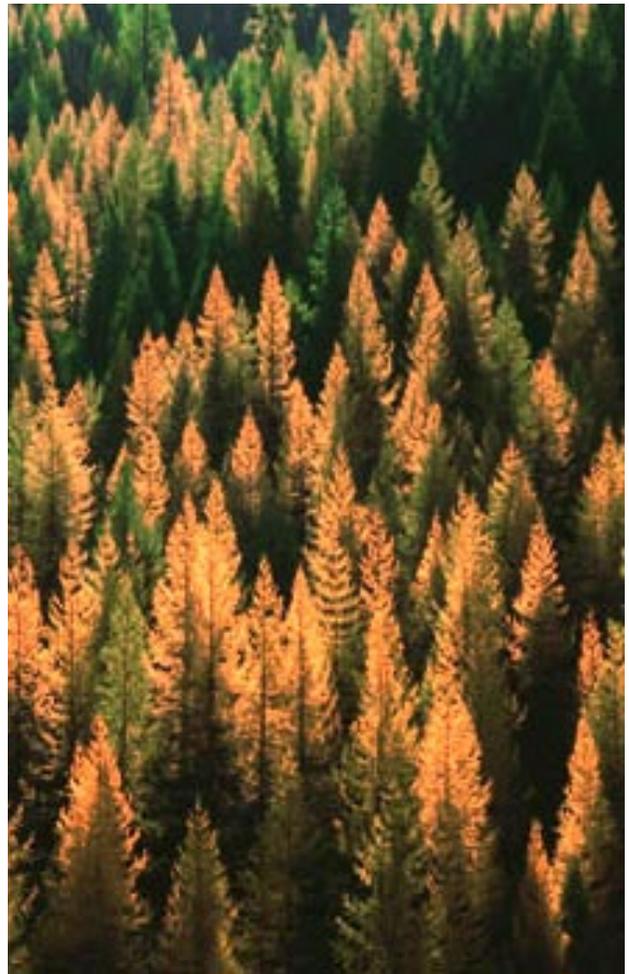
Forgone revenue

River and dam operations can result in lost income, and in some circumstances increased income, for Bonneville. Bonneville's budget term for the lost income is forgone revenue. To determine forgone revenue, Bonneville calculates the net value of the hydropower revenues gained and lost as a result of fish operations on an annual basis. Bonneville charges forgone revenue against its fish and wildlife budget as an expense. Bonneville assigned forgone revenue of \$282.6 million to the fish and wildlife budget in 2007.

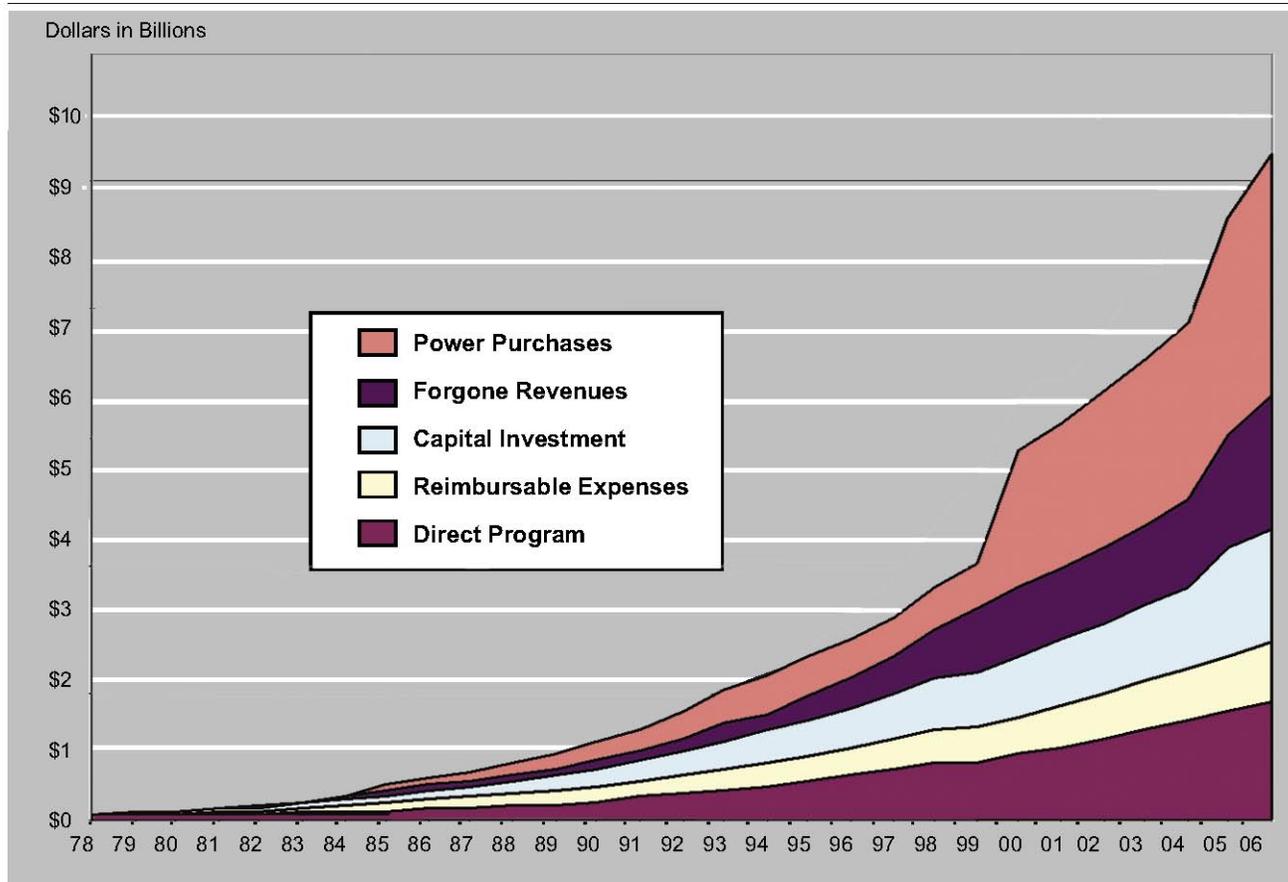
Fish Runs and Fisheries

This report also includes the most recent numbers the Council could gather about salmon and steelhead runs in the Columbia River Basin. The Council collected the information from reports prepared by the Washington and Oregon departments of fish and wildlife, NOAA Fisheries, the U.S. Army Corps of Engineers, and the Fish Passage Center.

Some of the figures and tables are presented differently in this version of the report than in past versions, reflecting changes in how the state and federal agencies compile and report the information. Additionally, some information that was reported in past versions of this report no longer is available.

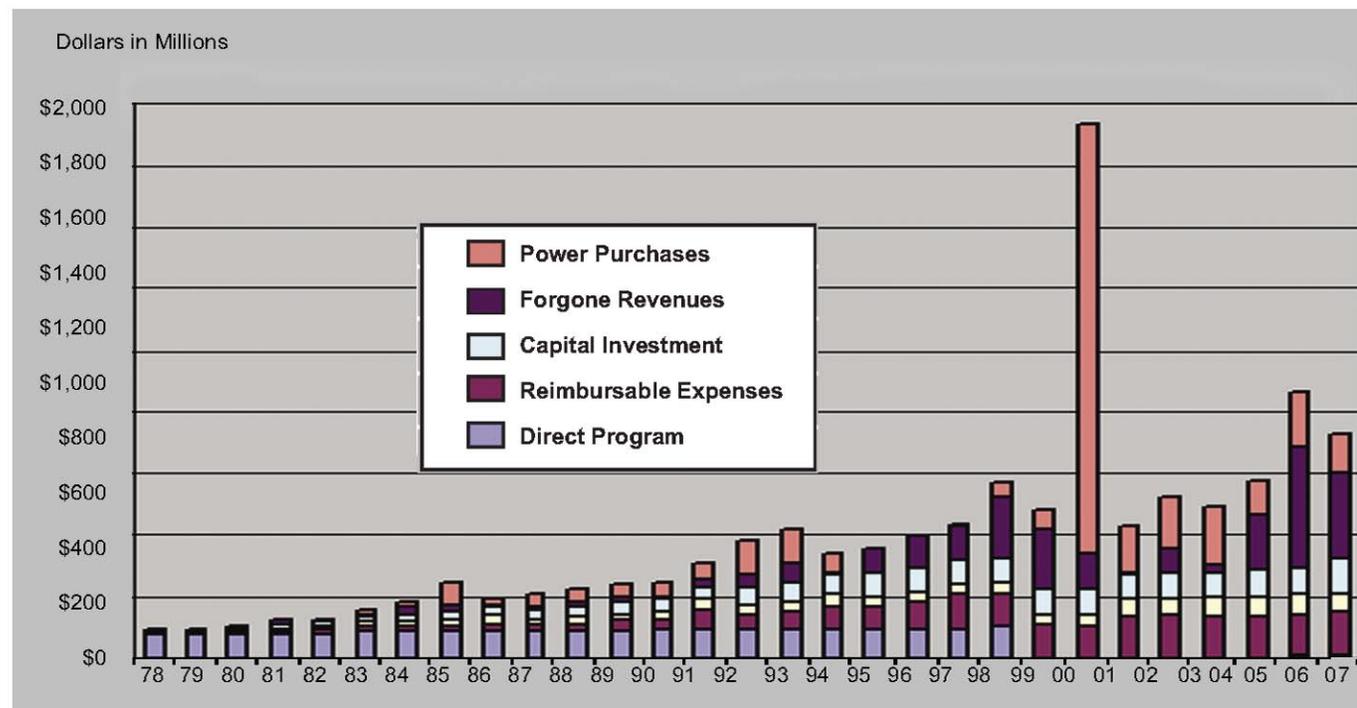


**Figure 1A: BPA Fish and Wildlife Cumulative Expenditures
1978-2006**



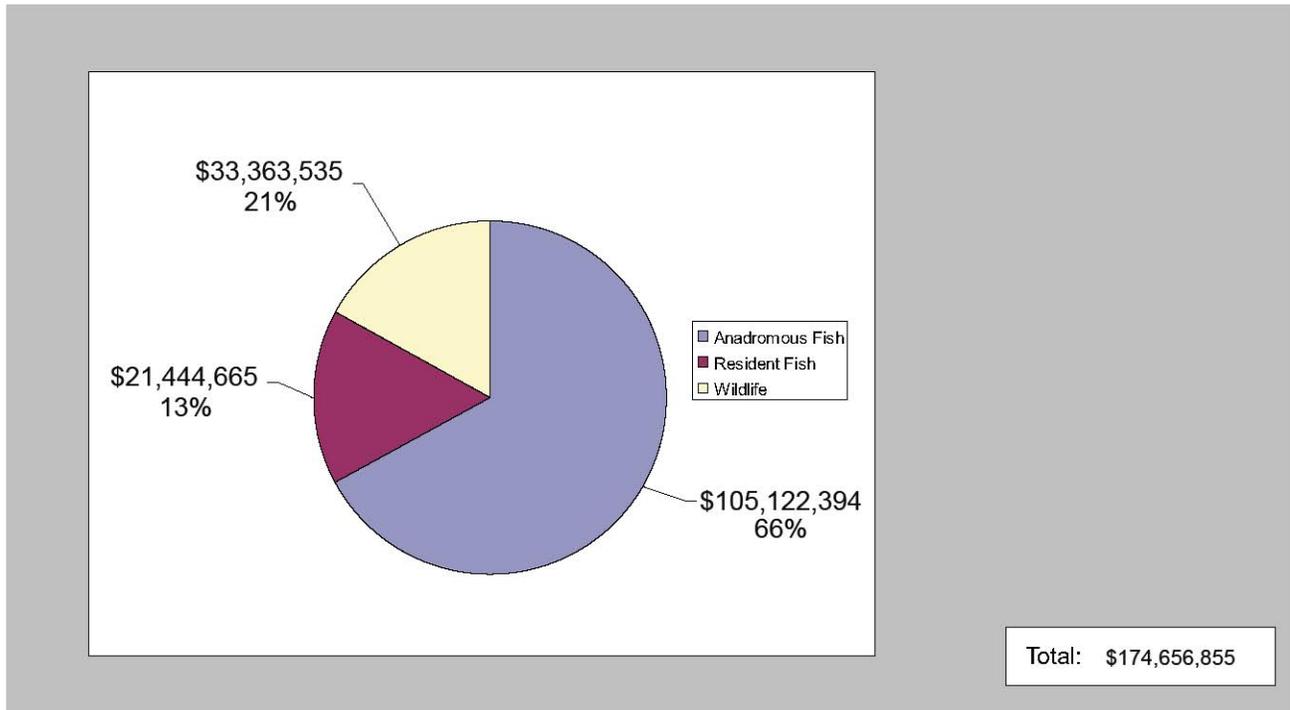
Source: Bonneville Power Administration

**Figure 1B: BPA Fish and Wildlife Total Annual Expenditures
1978-2006**



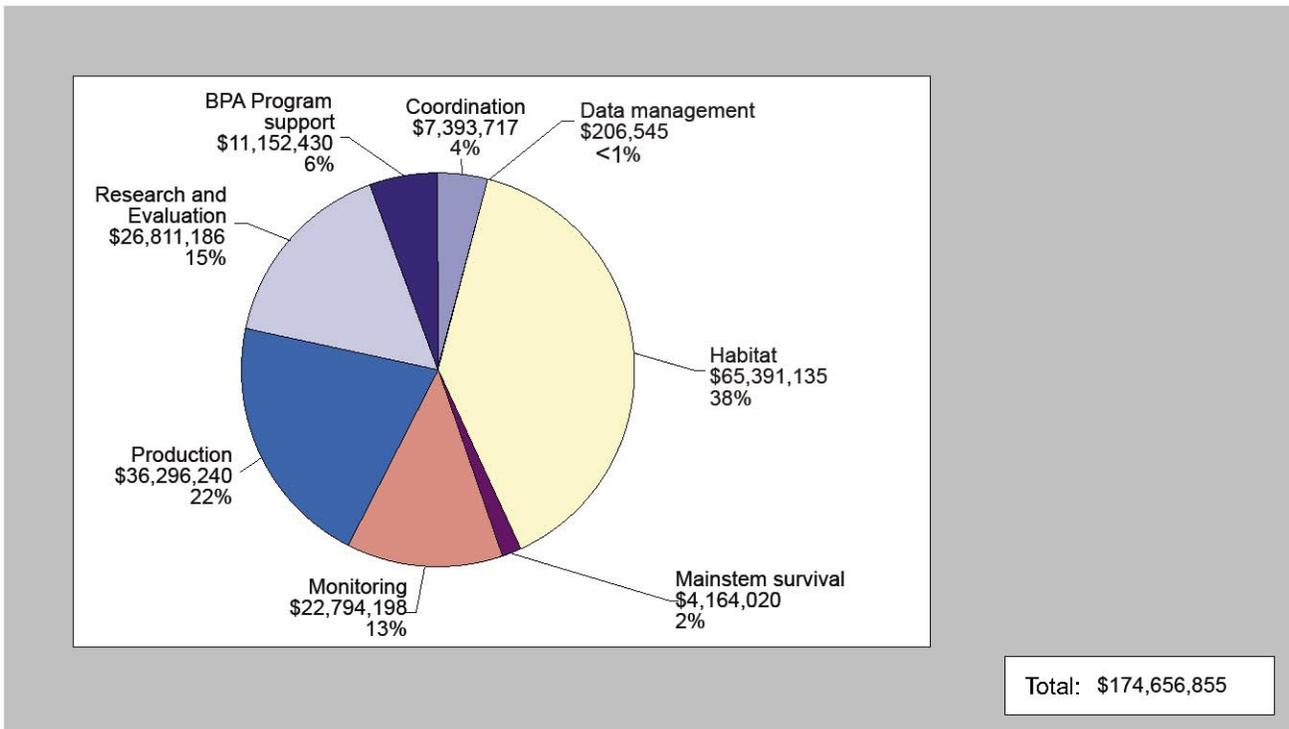
Source: Bonneville Power Administration

Figure 2: BPA Fish and Wildlife Expenditures by Species, 2007



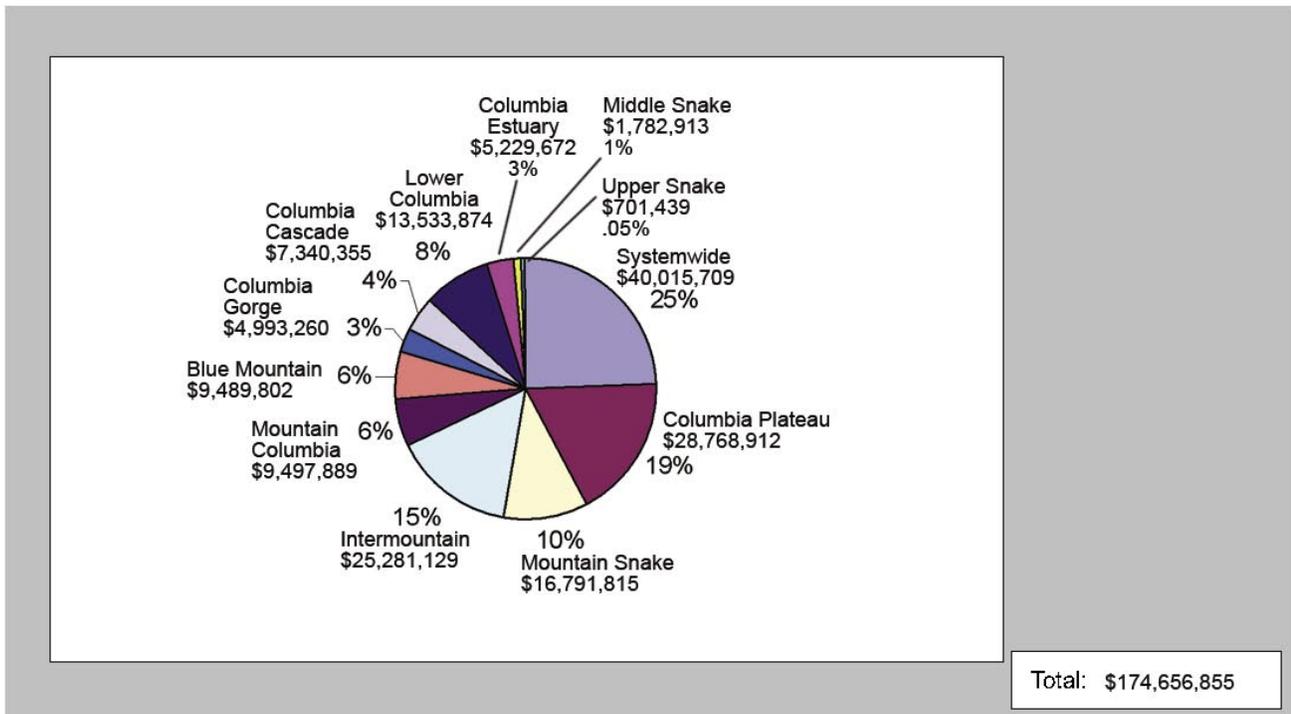
Source: Bonneville Power Administration

Figure 3: BPA Direct-Program Expenditures by Category, 2007



Source: Bonneville Power Administration

Figure 4: BPA Direct-Program Budget, Expenditures by Province, 2007 (capital plus expense)

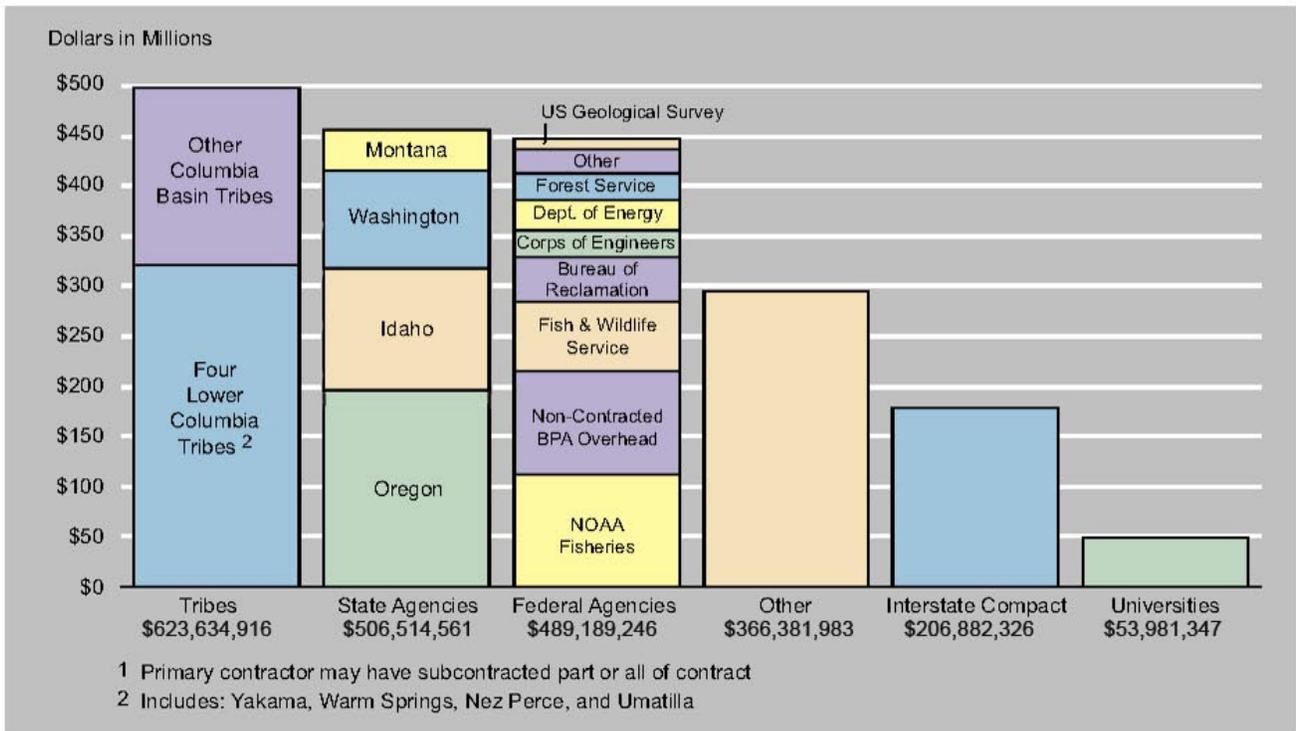


Source: Bonneville Power Administration

Figure 4A: Ecological Provinces of the Columbia River Basin



Figure 5: BPA Expenditures by Contractor, by Type, 1978-2007



Source: Bonneville Power Administration

Figure 6: Salmon and Steelhead passing Bonneville Dam, 1938-2007, Hatchery and Wild Salmon

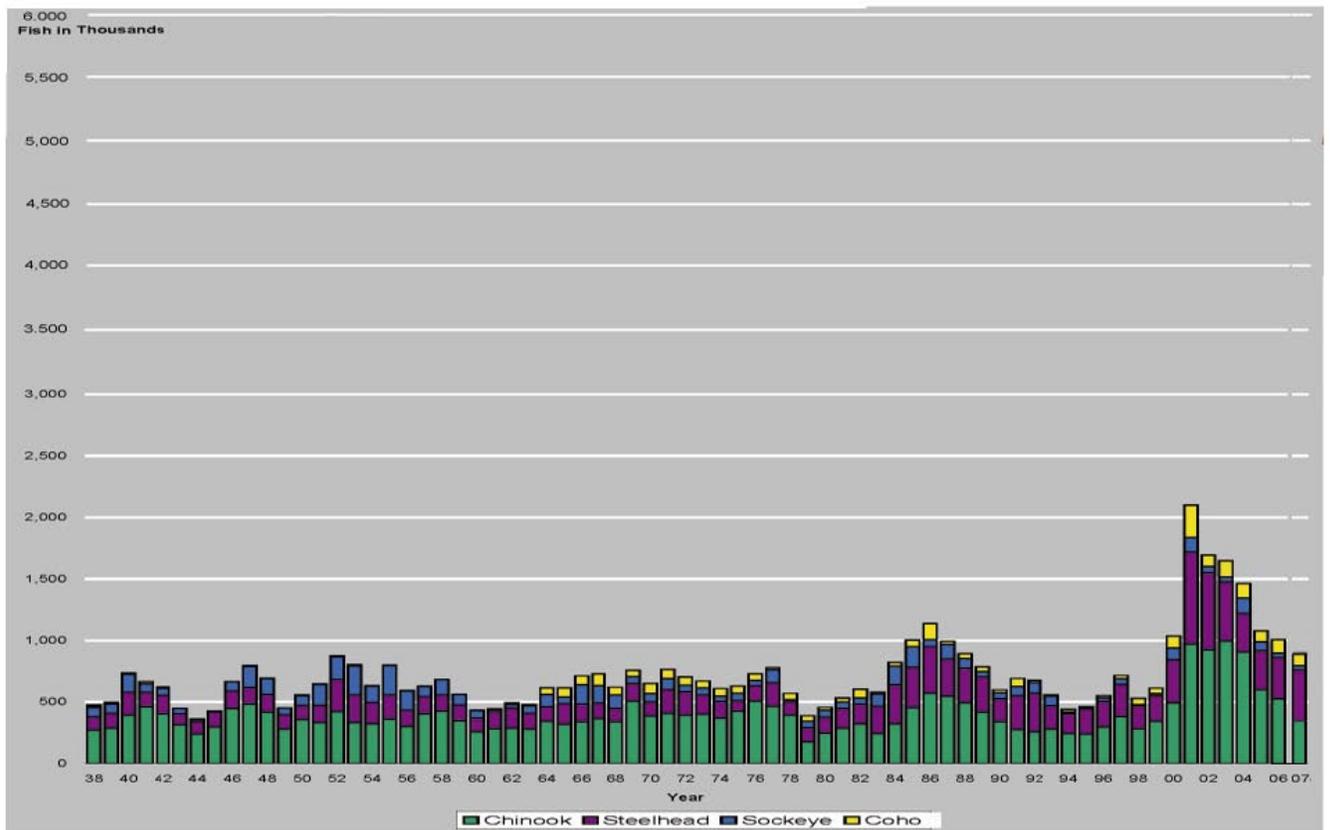
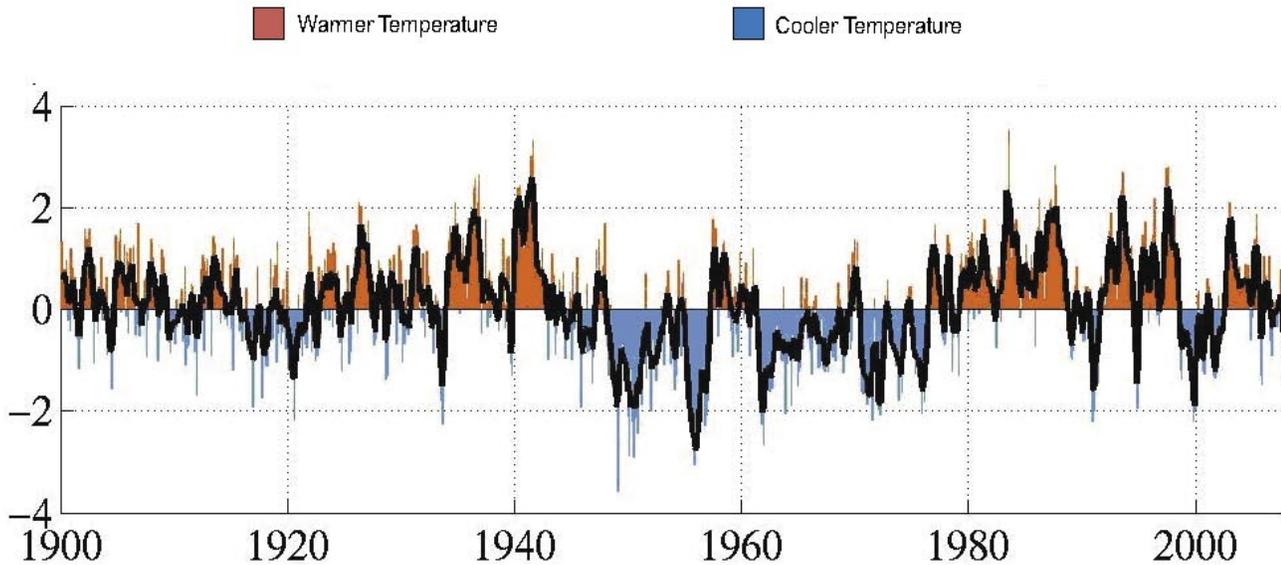


Figure 7: Ocean Temperature Cycles, January 1900 - February 2008 (cool periods are better for Columbia River Basin fish than warm periods.)

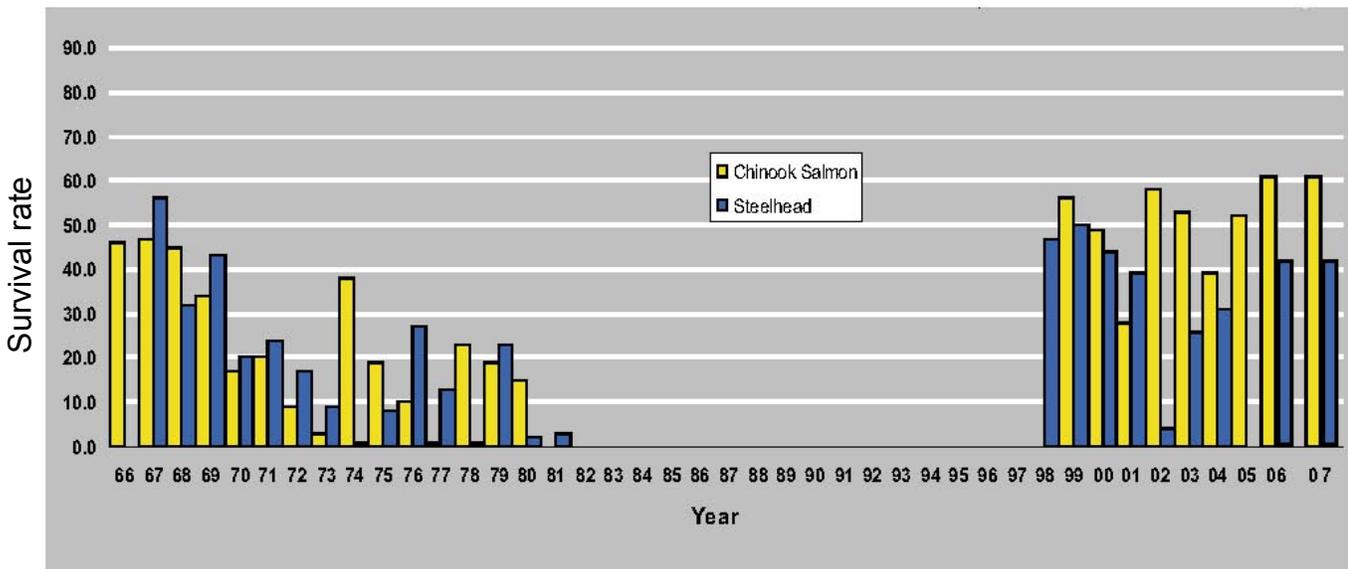


Ocean Temperature Cycle, January 1900 to February 2007

Source: Joint Institute for the Study of the Atmosphere and Ocean, University of Washington. According to researchers at the University of Washington, the "Pacific Decadal Oscillation" (PDO) depicted in this figure is a long-lived El Niño-like pattern of Pacific Ocean climate variability. The PDO is different from El Niño in two important ways. First, the 20th century PDO "events" persisted for 20-30 years, while typical El Niño events persisted for six to 18 months. Second, the PDO appears to affect primarily the northern Pacific Ocean, while El Niño appears to affect primarily the southern Pacific. Major changes in northeast Pacific marine ecosystems have been correlated with phase changes in the PDO; warm eras have seen enhanced biological productivity in waters off the coast of Alaska and inhibited productivity off the west coast of the contiguous United States, while cold PDO eras have seen the opposite north-south pattern of marine ecosystem productivity.

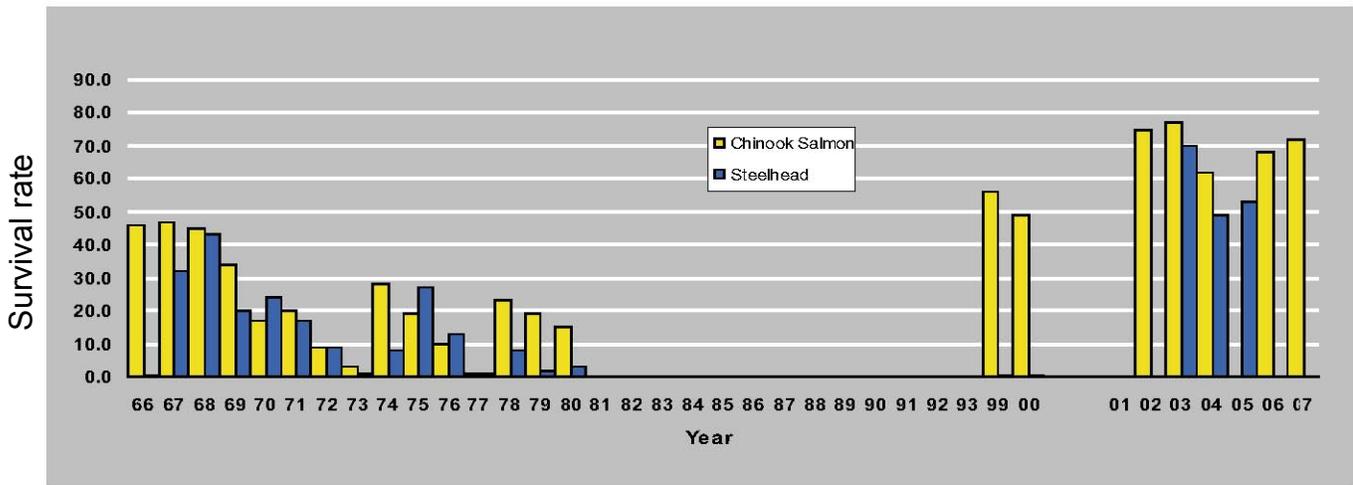
Source: University of Washington

Figure 8A: Estimated Inriver Juvenile Survival from Lower Granite to Bonneville dams 1966 - 2007, Hatchery and Wild Fish.



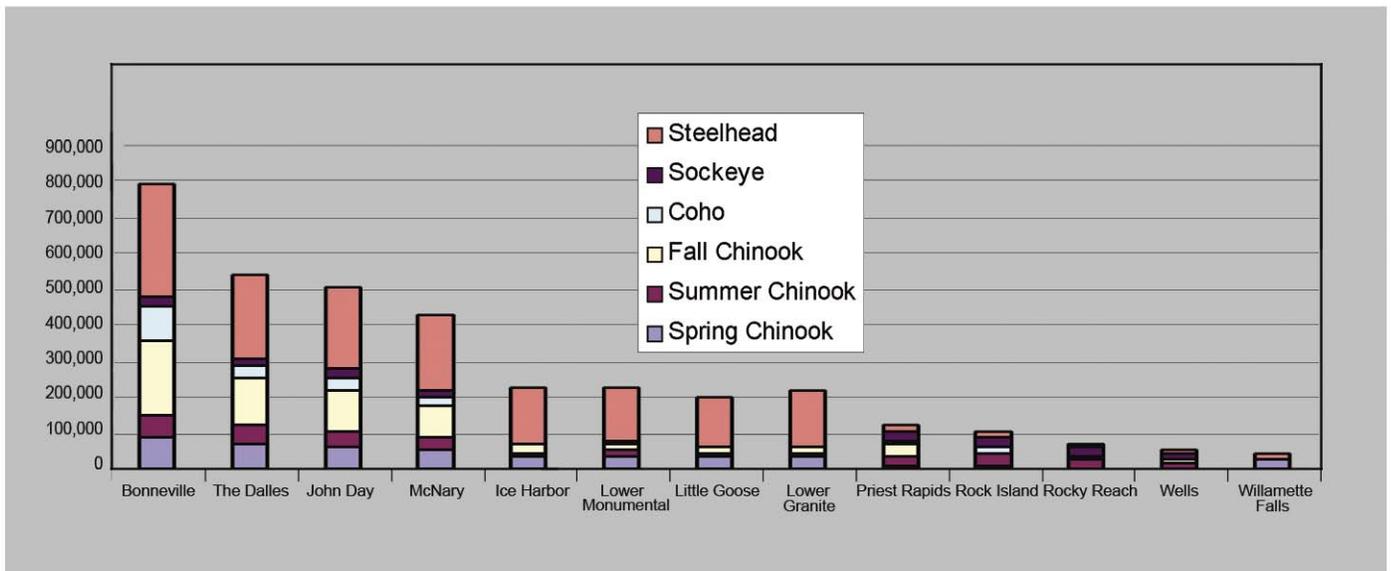
Source: NOAA Fisheries

Figure 8B: Estimated Inriver Juvenile Survival from McNary to Bonneville dams, 1966-1980, 1997-2007, Hatchery and Wild Fish.



Source: NOAA Fisheries

Figure 9A: Fish Counted at Each Mainstem Columbia and Snake River Dam, and at Willamette Falls, 2007.



Source: Fish Passage Center

Figure 10: Habitat Units Lost and Acquired by Dam.

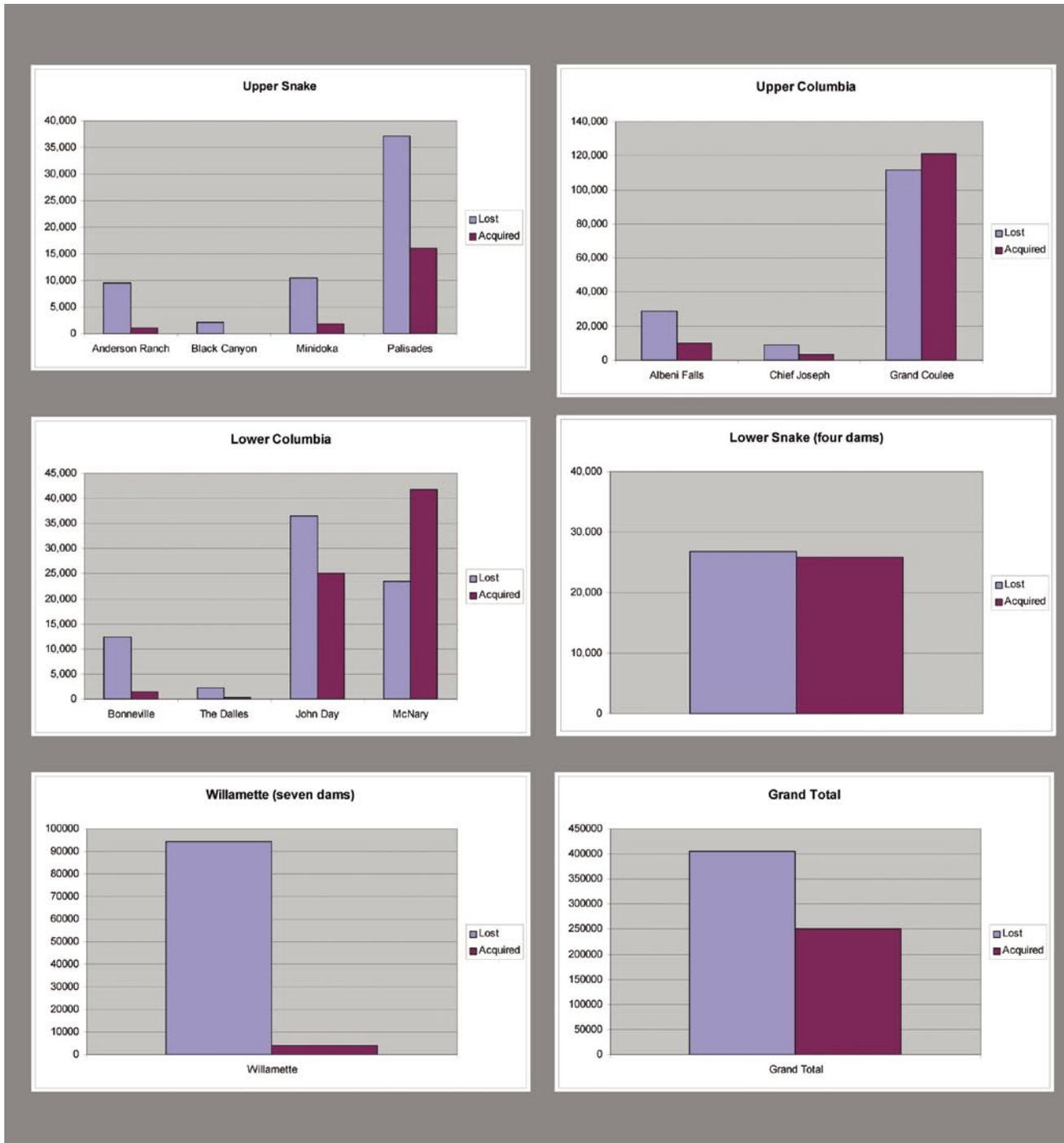
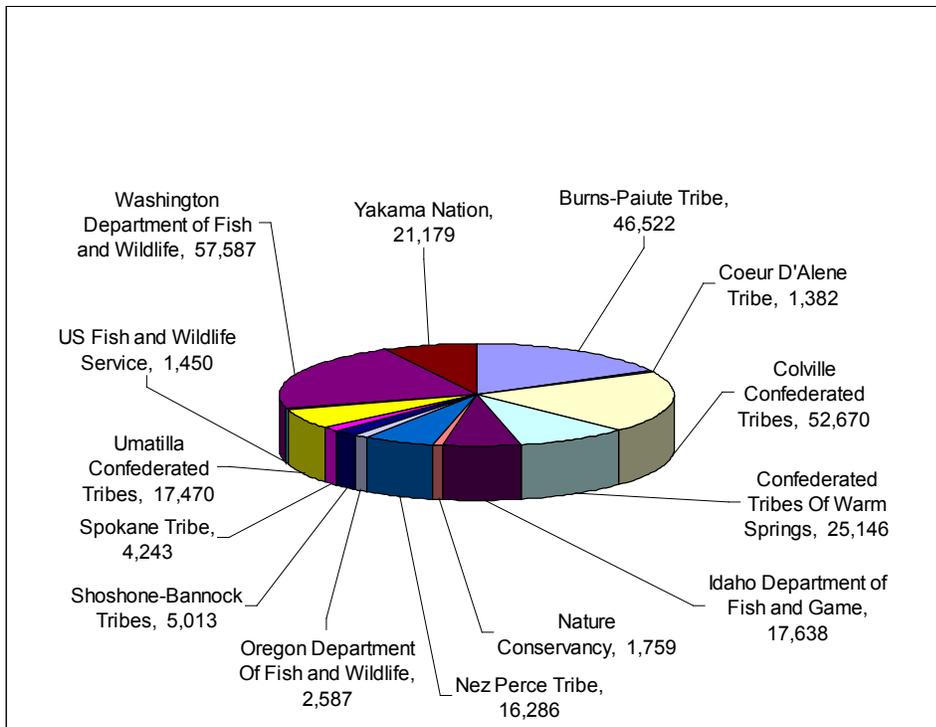


Figure 11A: Wildlife Acres Protected by Agency, Through February 2008, (total: 270,932)*.



* Bonneville reported the total in 2007 as 669,678. That total included some acquisitions that were counted more than once. Bonneville's new PISCES accounting system eliminated those redundancies, resulting in a more accurate total. Additionally, the amounts above do not include acres acquired through wildlife agreements for Libby and Hungry Horse Dams in Montana and Dworshak Dam in Idaho. Bonneville does not track the number of acres acquired under those agreements.

Figure 11B: Wildlife Acquisition Costs by Agency, Through February 2008, (total: \$96,433,094).

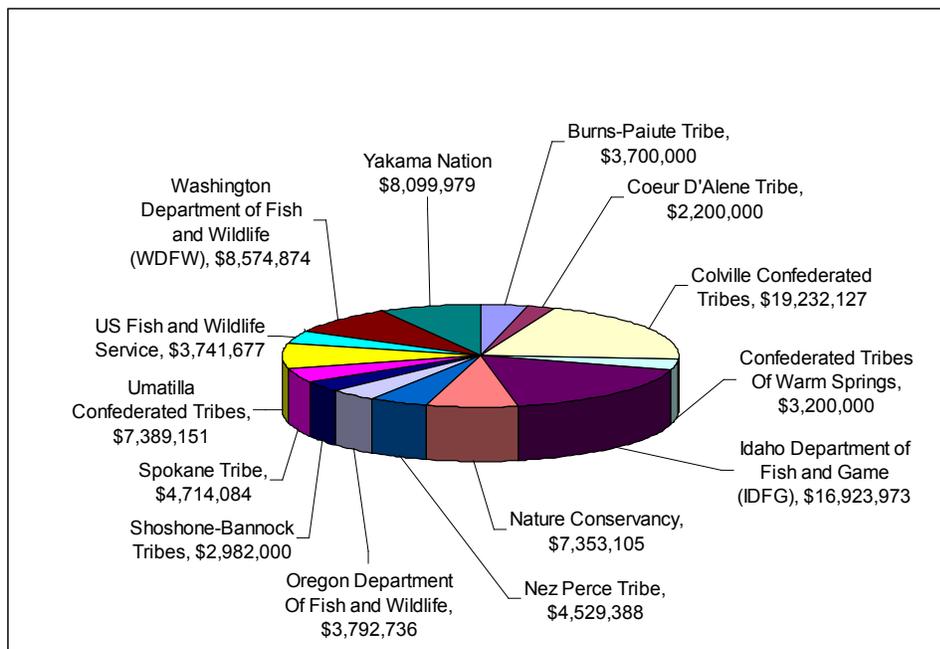
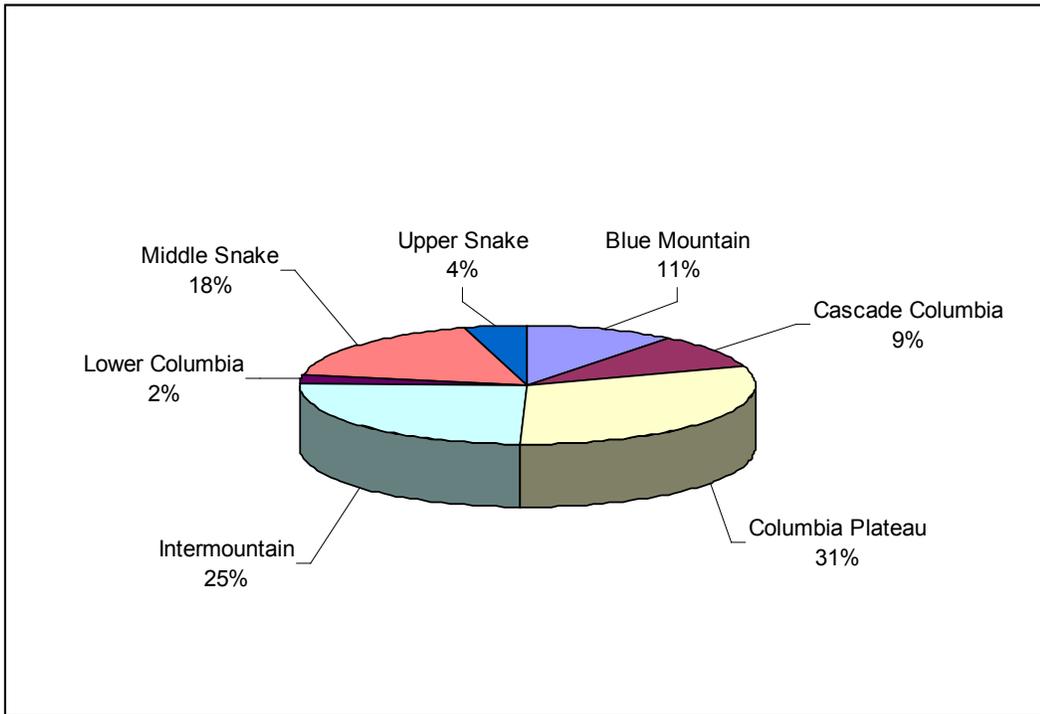


Figure 12: Properties Purchased by BPA for Wildlife Purposes, Through 2005, by Province (total: 270,932 acres)*.



* Bonneville reported the total in 2007 as 669,678. That total included some acquisitions that were counted more than once. Bonneville's new PISCES accounting system eliminated those redundancies, resulting in a more accurate total. Additionally, the amounts above do not include acres acquired through wildlife agreements for Libby and Hungry Horse Dams in Montana and Dworshak Dam in Idaho. Bonneville does not track the number of acres acquired under those agreements.

Tables

Table 1A Cumulative and Total Annual Expenditures (continues through next page) Bonneville Fish and Wildlife Costs (costs in millions).

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	10-Year Average	10-Year Total
COST ELEMENT												
CAPITAL INVESTMENTS ^{1/}												
BPA FISH AND WILDLIFE	22.0	14.7	13.9	16.5	6.1	11.6	8.5	12.2	35.4	36.2	17.7	177.1
BPA SOFTWARE DEVELOPMENT COSTS ^{2/}	-	14.1	47.0	6.2	8.8	68.4	75.9	53.8	360.0	60.4	0.5	0.9
ASSOCIATED PROJECTS (FEDERAL HYDRO) ^{3/}	22.0	28.8	60.9	22.7	14.9	80.0	84.4	66.0	396.3	96.6	69.5	694.6
TOTAL CAPITAL INVESTMENTS											87.3	872.6
PROGRAM EXPENSES												
BPA DIRECT FISH AND WILDLIFE PROGRAM	104.9	108.2	108.2	101.1	137.1	140.7	137.9	135.8	137.9	139.5	125.1	1251.3
SUPPLEMENTAL MITIGATION PROGRAM EXPENSES ^{4/}	-	-	-	2.9	7.1	6.5	0.2	0.0	0.0	0.0	2.4	16.7
REIMBURSABLE/DIRECT-FUNDED PROJECTS ^{5/}												
O & M LOWER SNAKE RIVER HATCHERIES	11.4	13.0	12.4	12.7	14.9	15.1	17.3	17.2	20.1	19.3	15.3	153.5
O & M CORPS OF ENGINEERS	18.5	19.9	19.7	23.1	28.2	30.3	32.3	32.5	31.8	32.9	26.9	269.3
O & M BUREAU OF RECLAMATION	2.7	2.6	1.8	3.0	3.8	3.1	3.9	3.9	4.5	3.9	3.3	33.2
OTHER (NW POWER AND CONSERVATION COUNCIL)	3.7	3.4	3.7	3.7	4.0	4.0	3.7	4.3	4.3	4.2	3.9	39.0
SUBTOTAL (REIMB/DIRECT-FUNDED)	36.4	38.9	37.6	42.5	50.9	52.6	57.2	57.9	60.7	60.3	49.5	494.9
TOTAL OPERATING EXPENSES ^{6/}	141.3	147.1	145.8	146.5	195.1	199.8	195.3	193.7	198.6	199.8	176.3	1762.9
PROGRAM RELATED FIXED EXPENSES ^{6/}												
INTEREST EXPENSE	48.9	49.4	48.4	49.1	48.5	49.9	53.3	56.4	53.4	76.0	53.3	533.3
AMORTIZATION EXPENSE	14.1	15.3	16.1	16.8	17.2	17.4	17.5	17.4	17.4	22.9	17.2	172.1
DEPRECIATION EXPENSE	11.1	11.4	11.8	12.3	12.5	13.2	14.6	15.9	16.7	14.0	13.4	133.5
TOTAL FIXED EXPENSES	74.1	76.1	76.3	78.2	78.2	80.5	85.4	89.7	87.5	112.9	83.9	838.9
GRAND TOTAL PROGRAM EXPENSES	215.4	223.2	222.1	224.7	273.3	280.3	280.7	283.4	286.1	312.7	260.2	2601.8
FORGONE REVENUES AND POWER PURCHASES												
FOREGONE REVENUES	116.5	197.8	193.1	115.9	12.6	79.2	21.7	182.1	397.4	282.6	159.9	1598.9
BPA POWER PURCH. FOR FISH ENHANCEMENT	5.4	47.6	64.8	1,389.6	147.8	171.1	191.0	110.8	168.2	120.7	241.7	2417.0
TOTAL FOREGONE REVENUES AND POWER PURCHASES	121.9	245.4	257.9	1,505.5	160.4	260.3	212.7	292.9	565.6	403.3	401.6	4015.9
TOTAL PROGRAM EXPENSES, FOREGONE REVENUES, & POWER PURCHASES	337.3	468.6	480.0	1,730.2	433.7	530.6	493.4	576.3	851.7	716.0	661.8	6617.8
CREDITS												
FISH COST CONTINGENCY FUND	(35.7)	(46.0)	(50.4)	(336.6)	(66.4)	(73.6)	(77.0)	(57.7)	(76.4)	(66.1)	(88.6)	(885.9)
TOTAL CREDITS	(35.7)	(46.0)	(50.4)	(583.1)	(66.4)	(73.6)	(77.0)	(57.7)	(76.4)	(66.1)	(88.6)	(885.9)
NET FISH COST CONTINGENCY FUND	(35.7)	(46.0)	(50.4)	(583.1)	(66.4)	(73.6)	(77.0)	(57.7)	(76.4)	(66.1)	(88.6)	(885.9)
NET TOTAL	105.6	101.1	95.4	62.4	128.7	126.2	118.3	116.0	112.2	113.7	88.7	(121.1)

This information has been made publicly available by BPA on 2/12/2008. The figures shown are consistent with audited actuals that contain Agency approved financial information, except for Foregone Revenues and Power Purchases which are estimates and do not contain Agency approved financial information.

Notes appear on next page and are an integral part of this information.

^{1/} Capital investments include both BPA's direct fish and wildlife program capital investments, funded by BPA's treasury borrowing, and Associated Projects, which include capital investments at Corps of Engineers' and Bureau of Reclamation projects, funded by appropriations and repaid by BPA. The negative amount in FY 1997 reflects a decision to reverse "plant-in-service" investment that was never actually placed into service. The annual expenses associated with these investments are included in "Program-Related Fixed Expenses", below.

^{2/} Capitalization of PISCES development costs. These costs were previously reflected in the "BPA DIRECT FISH AND WILDLIFE PROGRAM" in years prior to 2006

^{3/} 2006 figure includes \$330 million for the CRFM study costs FAS 71 asset

^{4/} Includes High Priority and Action Plan Expenses and other supplemental programs including PBL contribution to Pikeminnow reward program

^{5/} "Reimbursable/Direct-Funded Projects" includes the portion of costs BPA pays to or on behalf of other entities that is determined to be for fish and wildlife purposes.

^{6/} "Fixed Expenses" include depreciation and interest on investment on the Corps of Engineers' projects, and amortization and interest on the investments associated with BPA's direct fish and wildlife program.

Source: Bonneville Power Administration

Table 1B Program Support

Program Support 2007		Account		
		Capital	Expense	Grand Total
Province	Project Type			
Bpa Program Support	Coordination		\$9,919,569	\$ 9,919,569
	Monitoring		\$760,147	\$ 760,147
	Research and Evaluation		\$472,714	\$ 472,714
Bpa Program Support Sum			\$ 11,152,430	\$ 11,152,430
Systemwide	Coordination		\$2,466,273	\$ 2,466,273
	Data Management		\$26,563	\$ 26,563
	Research and Evaluation		\$854,069	\$ 854,069
Systemwide Sum			\$ 3,346,906	\$ 3,346,906
Grand Total, 2007			\$ 14,499,336	\$ 14,499,336

This information has been made publicly available by BPA in February 2008 and does not contain BPA-approved Agency Financial Information.

Source: Bonneville Power Administration

Table 2 Expenditures by Species

Fiscal Year	Anadromous Fish	Resident Fish	Wildlife	Total
1978	\$400,000	\$0	\$0	\$400,000
1979	\$979,628	\$0	\$0	\$979,628
1980	\$1,232,775	\$0	\$0	\$1,232,775
1981	\$1,512,801	\$251,000	\$0	\$1,763,801
1982	\$5,349,333	\$335,930	\$0	\$5,685,263
1983	\$7,222,161	\$1,441,440	\$789,026	\$9,452,627
1984	\$16,675,925	\$1,263,895	\$589,066	\$18,528,886
1985	\$19,945,958	\$3,571,308	\$553,022	\$24,070,288
1986	\$22,208,357	\$3,779,463	\$1,009,667	\$26,997,487
1987	\$26,560,517	\$591,182	\$1,149,655	\$28,301,354
1988	\$15,848,972	\$6,389,391	\$1,040,601	\$23,278,964
1989	\$25,225,428	\$3,016,827	\$2,053,497	\$30,295,752
1990	\$27,737,779	\$7,795,641	\$1,058,418	\$36,591,838
1991	\$38,973,827	\$2,028,859	\$2,530,970	\$43,533,656
1992	\$53,119,662	\$3,550,209	\$12,847,109	\$69,516,980
1993	\$51,129,495	\$5,457,600	\$8,936,699	\$65,523,794
1994	\$51,044,466	\$7,072,137	\$16,090,951	\$74,207,554
1995	\$49,894,315	\$8,692,253	\$10,206,415	\$68,792,983
1996	\$83,789,352	\$7,962,544	\$14,815,773	\$106,567,669
1997	\$66,524,626	\$12,944,597	\$16,615,431	\$96,084,654
1998	\$85,533,382	\$20,991,620	\$12,675,870	\$119,200,872
1999	\$82,415,426	\$14,850,466	\$13,443,429	\$110,709,321
2000	\$80,591,738	\$15,808,570	\$6,022,069	\$102,422,377
2001	\$86,707,688	\$12,348,834	\$12,117,092	\$111,173,614
2002	\$103,474,620	\$17,568,123	\$9,413,746	\$130,456,489
2003	\$105,384,293	\$22,764,723	\$7,670,918	\$135,819,935
2004	\$96,206,585	\$18,899,368	\$10,659,908	\$125,765,860
2005	\$101,172,351	\$20,236,591	\$13,278,339	\$134,687,281
2006	\$106,630,937	\$25,688,291	\$26,842,908	\$173,276,548
2007	\$105,122,394	\$21,444,665	\$33,363,535	\$174,656,855
Total	\$1,518,614,792	\$266,745,526	\$235,774,114	\$2,049,975,105

	Systemwide Support**	BPA Program Support***	Other****
2000	\$2,737,207	\$16,356,411	\$566,751
2001	\$1,215,601	\$5,207,617	\$21,425
2002	\$1,699,568	\$11,096,041	
2003	\$4,460,374	\$12,041,388	
2004	\$10,019,553	\$10,648,717	
2005	\$2,354,004	\$10,990,758	\$19,143
2006	\$3,212,963	\$10,901,449	
2007	\$3,346,906	\$11,152,430	
Total	\$29,046,175	\$88,394,810	\$607,319

* Expenditures exclude Action Plan and High Priority

** External Program Support includes tasks such as data management that support all programs

*** BPA Program Support includes contracted tasks such as program review and independent analysis, as well as BPA internal overhead such as personnel costs

**** Expenses not otherwise categorized

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Table 3 Expenditures by Category

Category	2003	2004	2005	2006	2007
Coordination	\$6,403,568	\$5,760,114	\$6,594,675	\$7,126,067	\$7,393,717
Data Management	\$236,896	\$558,731	\$906,578	\$160,439	\$206,545
Habitat	\$39,500,655	\$40,306,108	\$44,898,740	\$67,288,171	\$65,391,135
Harvest	\$1,957,396	\$2,666,015	\$1,611,232		\$447,385
Mainstem Survival	\$3,639,242	\$3,228,871	\$4,112,685	\$2,865,380	\$4,164,020
Monitoring	\$20,930,630	\$17,189,343	\$18,008,894	\$22,117,979	\$22,794,198
Production	\$34,939,205	\$32,185,286	\$33,085,526	\$36,003,557	\$36,296,240
Research and Evaluation	\$32,672,718	\$33,890,947	\$27,683,912	\$28,087,509	\$26,811,186
BPA Program Support	\$12,041,388	\$10,648,717	\$10,990,758	\$9,627,446	\$11,152,430
Other			158,184.00		
Total	\$ 152,323,700	\$ 146,436,134	\$ 148,053,191	\$173,276,548	\$174,656,855

* Excludes Action Plan and High Priority

This information has been made publicly available by BPA in February 2008 and does not contain BPA-approved Agency Financial Information.

Table 4 Expenditures by Province

Province	Expenditures by Province - FY 1978-2007 (Capital and Expense)		2006		2007	
	1978-2006	2003	2004	2005	2006	2007
SYSTEMWIDE	\$626,006,378	\$41,021,491	\$42,375,167	\$39,508,689	40,907,651	\$40,015,709
COLUMBIA PLATEAU	\$ 500,030,897	\$28,530,634	\$25,395,810	\$27,057,099	\$29,160,056	\$28,768,912
MOUNTAIN SNAKE	\$ 246,919,228	\$20,023,083	\$17,908,414	\$17,157,162	\$17,847,701	\$16,791,815
INTERMOUNTAIN	\$ 126,081,336	\$12,884,976	\$13,116,278	\$18,225,072	\$21,567,550	\$25,281,129
MOUNTAIN COLUMBIA	\$ 111,152,129	\$8,040,476	\$6,897,321	\$7,004,651	\$22,062,063	\$9,497,889
BLUE MOUNTAIN	\$ 106,773,307	\$9,399,860	\$6,895,057	\$8,236,701	\$9,380,167	\$9,489,802
COLUMBIA GORGE	\$ 59,460,106	\$6,487,780	\$4,947,368	\$5,103,954	\$5,336,398	\$4,993,260
COLUMBIA CASCADE	\$ 47,055,061	\$3,454,315	\$5,153,736	\$4,548,526	\$5,634,292	\$7,340,355
LOWER COLUMBIA	\$ 43,294,983	\$4,205,860	\$6,006,986	\$3,374,505	\$3,719,790	\$13,533,874
COLUMBIA ESTUARY	\$ 33,851,395	\$3,289,408	\$5,008,417	\$4,295,766	\$4,323,443	\$5,229,672
MIDDLE SNAKE	\$ 22,891,457	\$1,877,824	\$1,735,608	\$1,565,370	\$1,782,938	\$1,782,913
UPPER SNAKE	\$ 20,244,652	\$1,064,601	\$345,252	\$659,919	\$653,051	\$701,439
Subtotal	\$1,943,760,929	\$140,280,309	\$135,785,413	\$136,737,413	162,375,100	163,426,769
Program Support	\$ 74,710,414	\$12,041,388	\$10,648,717	\$10,990,758	\$10,901,449	\$11,230,086
Total	\$2,018,471,343	\$152,323,697	\$146,434,130	\$147,728,172	\$173,276,549	\$174,656,855

This information has been made publicly available by BPA in February 2008 and does not contain BPA-approved Agency Financial Information.

Table 5A Expenditures by Type of Contractor

Contractor Type	Prime Contractor	1978 - 2003	2004	2005	2006	2007	Total 1978-2007
FEDERAL	NATIONAL MARINE FISHERIES SVC	\$95,598,756	\$8,698,431	\$8,460,439	\$11,520,815	\$9,179,793	
	NON-CONTRACTED BPA OVERHEAD	\$81,073,070	\$10,408,475	\$10,984,921	\$11,520,815	\$11,152,430	
	FISH & WILDLIFE SERVICE	\$67,327,459	\$16,056	\$2,908,771	\$1,911,471	\$2,880,400	
	BUREAU OF RECLAMATION	\$43,876,998	\$560,238	\$218,480	\$279,721	\$279,721	
	CORP OF ENGINEERS	\$25,829,517	\$45,762	\$3,020	\$1,519,667	\$1,519,667	
	DEPARTMENT OF ENERGY	\$25,641,979	\$2,156,067	\$2,136,301	\$657,652	\$1,165,186	
	FOREST SERVICE	\$23,494,414	\$1,128,900	\$1,258,457	\$142,378	\$728,324	
	OTHER	\$20,047,080	\$3,101,229	\$2,166,980	\$403,411	\$403,411	
	US GEOLOGICAL SURVEY	\$6,736,076	\$1,620,379	\$805,337	\$87,930	\$1,256,474	
	TOTAL	\$389,625,350	\$27,735,538	\$28,942,706	\$14,320,246	\$28,565,406	\$489,189,246
STATE	OREGON DEPARTMENT OF FISH & WILDLIFE	\$160,471,794	\$10,098,422	\$9,651,784	\$8,969,133	\$11,114,130	
	OREGON STATE POLICE - FISH & WILDLIFE	\$3,480,952					
	OREGON WATER TRUST	\$1,004,400					
	OREGON DEPARTMENT OF ENERGY	\$193,707					
	OREGON DEPARTMENT OF TRANSPORTATION	\$106,422					
	OREGON DEPARTMENT OF ENVIRONMENTAL QUALITY	\$149,131	\$37,487				
	OREGON DEPARTMENT OF PARKS & RECREATION	\$5,000	\$367				
	Subtotal	\$165,411,406	\$10,136,276	\$9,651,784	\$8,969,133	\$11,114,130	\$285,282,730
	IDAHO DEPARTMENT OF FISH & WILDLIFE	\$100,225,461	\$6,796,989	\$6,733,078	\$14,713,487	\$7,139,047	
	IDAHO SOIL & WATER CONSERVATION COMMISSION	\$6,136,507	\$543,543	\$403,479	\$66,200	\$91,398	
	IDAHO STATE OFFICE OF SPECIES CONSERVATION	\$154,140					
	IDAHO STATE HISTORICAL SOCIETY						
	Subtotal	\$106,516,108	\$7,340,532	\$7,136,588	\$14,779,687	\$7,230,445	\$143,003,361
	WASHINGTON DEPARTMENT OF FISH & WILDLIFE	\$75,679,777	\$5,408,306	\$5,625,420	\$9,111,964	\$6,615,256	
	WASHINGTON DEPARTMENT OF ECOLOGY	\$4,985,456	\$602,354	\$490,122		\$90,223	
	WASHINGTON WILDLIFE COALITION MEMBERS	\$3,445,738					
	WASHINGTON STATE CONSERVATION COMMISSION	\$694,411					
	WASHINGTON DEPARTMENT OF ECOLOGY	\$542,633					
	WASHINGTON STATE ENERGY OFFICE	\$242,857					
	WASHINGTON DEPARTMENT OF TRANSPORTATION	\$101,700					
	WASHINGTON DEPARTMENT OF NATURAL RESOURCE	\$5,000					
	Subtotal	\$85,697,573	\$6,010,660	\$6,115,542	\$9,111,964	\$6,705,479	\$113,641,218
	MONTANA DEPARTMENT OF FISH & WILDLIFE	\$31,067,777	\$1,512,504	\$1,111,885	\$659,829	\$2,234,653	
	MONTANA FISH, WILDLIFE & PARK	\$7,368,794	\$7,451	\$624,362			
	Subtotal	\$38,436,570	\$1,519,955	\$1,736,247	\$659,829	\$2,234,653	\$44,567,255
TRIBE	BURNS PAIUTE TRIBE	\$7,142,732	\$787,509	\$688,321	\$496,961	\$733,424	
	CHEHALIS INDIAN TRIBE	\$2,082					
	COEUR D'ALENE TRIBE OF IDAHO	\$10,395,990	\$1,733,503	\$1,992,180	\$1,710,159	\$2,148,587	
	COLUMBIA RIVER INTERTRIBAL FISH COMMISSION	\$11,688,832	\$973,745	\$923,565	\$3,065,379	\$1,005,653	
	COLVILLE CONFEDERATED TRIBES	\$33,987,128	\$3,670,574	\$3,238,699	\$8,216,372	\$6,570,667	
	KALISPEL TRIBE OF INDIANS	\$13,457,196	\$1,740,637	\$1,340,401	\$1,261,114	\$1,752,834	
	KLAMATH TRIBE CHEHALIS INDIAN TRIBE	\$4,512					
	KOOTENAI TRIBE OF IDAHO	\$16,999,125	\$2,971,545	\$3,494,787	\$4,297,428	\$5,481,017	
	NEZ PERCE TRIBE	\$99,519,023	\$10,521,167	\$10,867,838	\$6,940,923	\$11,959,023	
	POINT NO POINT TRIBE	\$11,960					
	SALISH-KOOTENAI TRIBES	\$4,213,432	\$178,098	\$99,894	\$15,781,061	\$39,627	
	SHOSHONE-BANNOCK TRIBES	\$19,115,967	\$937,627	\$1,158,238	\$789,764	\$1,114,874	
	SHOSHONE-PAIUTE TRIBES	\$8,207,766	\$518,476	\$651,766	\$1,014,752	\$742,121	
	SPOKANE TRIBE OF INDIANS	\$18,971,281	\$1,855,387	\$1,780,937	\$4,524,571	\$2,420,625	
	SQUAXIN ISLAND TRIBE	\$1,304					
	TULALIP TRIBE	\$4,988					
	UMATILLA CONFEDERATED TRIBES	\$43,702,654	\$4,840,265	\$4,660,809	\$6,675,063	\$5,421,899	
	WARM SPRINGS TRIBES	\$27,943,322	\$2,281,543	\$2,111,382	\$2,868,940	\$5,441,199	
	YAKAMA INDIAN NATION	\$92,718,908	\$11,972,001	\$10,887,458	\$13,210,162	\$10,974,057	
	OTHER						
	TOTAL	\$408,088,403	\$44,982,077	\$43,896,276	\$70,852,649	\$55,815,607	\$623,635,011
INTERSTATE COMPACT	PSMFC	\$154,943,932	\$9,432,409	\$13,884,835	\$14,831,025	\$13,690,125	
UNIVERSITY	University	\$42,343,175	\$2,639,618	\$3,675,015	\$870,540	\$4,252,999	
OTHER	Private/Other	\$128,455,935	\$9,193,148	\$6,975,459	\$2,237,776	\$9,329,690	
	Local/Semi governmental	\$44,955,904	\$4,315,138	\$4,914,309	\$4,257,817	\$4,257,817	
	COLUMBIA BASIN FISH & WILDLIFE FDN	\$18,517,212	\$899,828	\$3,026,964	\$2,632,021	\$3,220,918	
	Not Specified (Land)	\$13,163,259					
	Utility	\$11,709,653	\$10,948,755	\$2,146,215	\$1,101,568	\$1,207,766	
	NATIONAL FISH & WILDLIFE FOUNDATION	\$1,363,658	\$3,229,196	\$3,045,146	\$4,505,022	\$3,613,020	
	TOTAL	\$218,185,821	\$39,858,091	\$37,667,943	\$31,097,794	\$39,672,334	\$366,381,984
GRAND TOTAL		\$1,609,248,338	\$137,563,128	\$135,147,087	\$149,791,302	\$151,238,055	\$2,183,007,910

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Table 5B Expenditures by Amount and Contractor

Contractor	1996-2002	2003	2004	2005	2006	2007
PACIFIC STATES MARINE FISH COMMISSION	\$87,534,913	\$14,287,013	\$9,432,409	\$13,884,835	\$14,931,025	\$13,690,123
NEZ PERCE TRIBE	\$72,800,591	\$12,682,204	\$10,521,167	\$10,867,838	\$6,940,923	\$11,959,025
OREGON DEPARTMENT OF FISH & WILDLIFE- HQ	\$65,493,383	\$9,970,743	\$10,098,422	\$9,651,784	\$8,969,133	\$11,114,130
YAKAMA NATION	\$64,669,402	\$8,682,685	\$11,456,635	\$7,813,863	\$13,210,162	\$10,974,057
IDAHO DEPARTMENT OF FISH & GAME	\$51,565,250	\$6,997,829	\$6,796,989	\$6,733,078	\$14,713,487	\$7,139,047
WASHINGTON DEPARTMENT OF FISH & WILDLIFE	\$44,441,854	\$4,631,790	\$5,408,306	\$5,625,420	\$9,111,964	\$6,615,256
NATIONAL MARINE FISHERIES SERVICE	\$28,833,857	\$5,938,889	\$8,698,431	\$8,460,439	\$11,520,815	\$9,179,793
UMATILLA CONFEDERATED TRIBES	\$27,371,620	\$5,460,164	\$4,840,265	\$4,660,809	\$6,675,063	\$5,421,899
WARM SPRINGS TRIBES	\$22,968,581	\$2,709,979	\$2,281,543	\$2,111,382	\$2,868,940	\$5,441,199
COLVILLE CONFEDERATED TRIBES	\$17,700,568	\$3,176,671	\$3,670,574	\$3,238,699	\$8,216,372	\$6,570,667
COLUMBIA BASIN FISH & WILDLIFE FOUNDATION	\$15,776,587	\$2,278,935	\$899,828	\$3,026,964	\$2,632,021	\$3,220,918
KOOTENAI TRIBE of IDAHO	\$8,948,729	\$2,826,846	\$2,971,545	\$3,494,787	\$4,297,428	\$5,491,017
SPOKANE TRIBE of INDIANS	\$11,567,117	\$1,698,578	\$1,855,387	\$1,780,937	\$4,524,571	\$2,420,625
SUPPORT	\$16,848,350	\$0	\$0	\$0		\$0
NATT MCDUGALL COMPANY	\$15,876,408	\$0	\$0	\$0		\$0
US FISH AND WILDLIFE SERVICE - PORTLAND REGION	\$15,104,215	\$0	\$16,056	\$0		\$0
NATIONAL MARINE FISHERIES SERVICE - PORTLAND OFFICE	\$14,860,289	\$0	\$0	\$0		\$0
UNIVERSITY of WASHINGTON	\$8,597,603	\$1,520,967	\$1,614,010	\$1,666,411		\$2,244,575
KALISPEL TRIBE of INDIANS	\$7,400,017	\$1,667,645	\$1,740,637	\$1,340,401	\$1,261,114	\$1,752,834
BONNEVILLE POWER ADMINISTRATION - TRANSMISSION BUSINESS LINE	\$11,860,217	\$0	\$0	\$0		\$0
COEUR D'ALENE TRIBE	\$7,856,172	\$1,543,604	\$1,733,503	\$1,992,180	\$1,710,159	\$2,148,587
SHOSHONE-BANNOCK TRIBES	\$7,659,989	\$998,363	\$937,627	\$1,158,238	\$789,764	\$1,114,874
IMPERO CONSTRUCTION COMPANY	\$10,716,321	\$0	\$0	\$0		\$0
FISHPRO, INC.	\$9,320,021	\$368,105	\$771,430	\$0		\$722,346
NATIONAL BIOLOGICAL SERVICE / US FISH AND WILDLIFE SERVICE - NATIO	\$9,844,736	\$0	\$0	\$0		\$0
US DOI FISH & WILDLIFE SERVICE	\$0	\$3,517,529	\$2,750,885	\$2,883,839	\$1,911,471	\$2,880,400
NORTHWEST POWER PLANNING COUNCIL	\$9,067,769	\$4,389,258	\$10,258,790	\$1,548,308	\$518,825	\$551,607
BURNS PAIUTE TRIBE	\$6,080,042	\$647,276	\$787,509	\$688,321	\$496,961	\$733,424
SHOSHONE-PAIUTE TRIBES	\$6,557,274	\$588,205	\$518,476	\$651,766	\$1,014,752	\$742,121
CUSTER SOIL & WATER CONSERVATION DISTRICT	\$5,766,553	\$578,845	\$625,811	\$440,721	\$213,515	\$222,671
US ARMY CORE OF ENGINEERS - PORTLAND DISTRICT	\$7,367,824	\$0	\$0	\$0		\$1,519,667
NATIONAL FISH & WILDLIFE FOUNDATION	\$27,125	\$1,106,904	\$2,229,196	\$3,045,146	\$4,505,022	\$3,613,020
WASHINGTON DEPT OF ECOLOGY	\$4,526,061	\$470,485	\$602,354	\$490,122		\$90,223
MONTANA FISH, WILDLIFE & PARKS	\$1,885,791	\$1,876,364	\$1,512,504	\$1,736,247	\$659,829	\$2,234,653
MONTANA DEPARTMENT OF FISH & WILDLIFE - HELENA	\$5,697,907	\$0	\$0	\$0		\$0
UMATILLA ELECTRIC COOP ASSOCIATION	\$2,106,150	\$1,215,459	\$454,449	\$1,845,067		\$1,045,175
DIGITAL ANGEL CORPORATION	\$1,374,590	\$2,178,871	\$575,693	\$980,080		\$0
CH2M HILL - NORTHWEST INC.	\$5,005,786	\$37,917	\$0	\$0		\$18,457
COLUMBIA RIVER INTERTRIBAL FISH COMMISSION	\$4,932,208	\$1,186,067	\$973,745	\$923,565	\$3,065,379	\$1,005,653
OREGON STATE UNIVERSITY	\$2,089,679	\$758,715	\$697,876	\$1,023,503	\$657,918	\$1,406,666
US DOE RICHLAND OPERATIONS OFC	\$8,232,547	\$2,231,902	\$2,056,866	\$2,136,301	\$657,652	\$1,165,186
MWH AMERICAS INC	\$9,549,413	\$2,226,153	\$2,041,942	\$0	\$858,622	\$0
IDAHO SOIL & WATER CONSERVATION COMMISSION	\$2,760,301	\$493,284	\$543,543	\$403,479	\$66,200	\$91,398
US DOI GEOLOGICAL SURVEY	\$2,314,513	\$1,647,692	\$1,620,379	\$805,337	\$87,930	\$1,256,474
WESTLAND IRRIGATION DISTRICT	\$2,073,792	\$406,099	\$573,237	\$495,128	\$489,506	\$440,909
CONCORD CONSTRUCTION, INC	\$3,540,383	\$0	\$0	\$0		\$0
CONFEDERATED TRIBES AND BANDS OF THE				\$3,073,595		\$0
IDAHO DEPARTMENT OF FISH & GAME / KALISPEL	\$2,861,571	\$0	\$0	\$0		\$0
UNIVERSITY of IDAHO	\$1,940,918	\$454,130	\$172,945	\$55,629		\$112,125
SLAYDEN CONSTRUCTION INC	\$2,582,316	\$0	\$0	\$0		\$0
US FISH AND WILDLIFE SERVICE - FISHERIES PROGRAM OFFICE	\$2,561,689	\$0	\$0	\$0		\$0
ASOTIN COUNTY CONSERVATION DISTRICT	\$1,285,356	\$349,310	\$204,946	\$551,102	\$466,453	\$185,711
LOWER COLUMBIA RIVER ESTUARY PARTNERSHIP	\$150,000	\$13,280	\$484,644	\$1,696,957	\$1,474,675	\$1,528,514
UNDERWOOD CONSERVATION DISTRICT	\$1,982,431	\$133,669	\$104,241	\$113,234	\$817,524	\$84,141
DESTRON - FEARING	\$2,254,524	\$0	\$0	\$0		\$0
ESSA TECHNOLOGIES LTD.	\$2,027,236	\$129,396	\$70,559	\$0		\$0
CONTRACTOR UNKNOWN TO EMIS	\$2,167,074	\$0	\$0	\$0		\$0
CLATSOP ECONOMIC DEVELOPMENT COMMITTEE	\$1,453,575	\$368,955	\$330,085	\$384,653		\$384,004
NATURE CONSERVANCY - MONTANA	\$21,500	\$2,034,830	\$44,890	\$0		\$0
CITY OF YAKIMA	\$524,431	\$1,268,647	\$256,438	\$0		\$0
PACIFIC POWER & LIGHT/UECA	\$1,994,000	\$0	\$0	\$0		\$0
NEZ PERCE SOIL & WATER CONSERVATION DISTRICT	\$730,052	\$421,432	\$396,543	\$284,350		\$212,875
LEMHI SOIL & WATER CONSERVATION DISTRICT	\$989,229	\$410,370	\$215,079	\$172,406	\$687,753	\$180,059
WASHINGTON STATE UNIVERSITY	\$846,226	\$313,529	\$254,018	\$336,464	\$212,622	\$43,244
KITTITAS-YAKIMA RES CONS & DEV	\$1,666,998	\$0	\$0	\$0		\$0
CONFEDERATED SALISH-KOOTENAI TRIBES	\$1,159,922	\$213,358	\$178,098	\$99,894	\$15,781,061	\$39,627
TRIBES	\$1,606,434	\$0	\$0	\$0		\$0

Source: Bonneville Power Administration

Table 5B Expenditures by Amount and Contractor

*

Contractor	1996-2002	2003	2004	2005	2006	2007
USFS - PACIFIC NW RESEARCH STATION	\$1,577,145	\$0	\$0	\$0		\$0
PAULSEN ENVIRONMENTAL RESEARCH	\$918,119	\$202,505	\$190,807	\$206,856	\$214,131	\$360,454
IDAHO STATE CONSERVATION COMMISSION	\$1,495,304	\$0	\$0	\$0		
YAKIMA CO-OP	\$1,479,863	\$0	\$0	\$0		\$0
PORTLAND GENERAL ELECTRIC	\$939,058	\$142,791	\$129,128	\$185,304	\$152,144	\$42,747
WASCO COUNTY SOIL & WATER CONSERVATION DISTRICT	\$834,269	\$243,321	\$128,336	\$154,602	\$145,365	\$156,952
OREGON STATE UNIVERSITY / CUMULATIVE RISK INITIATIVE	\$1,360,009	\$0	\$0	\$0		\$0
COLUMBIA COUNTY SOIL & WATER CONSERVATION DISTRICT	\$1,331,566	\$222,352	\$216,429	\$198,407	\$315,812	\$322,138
WALLOWA COUNTY SOIL & WATER CONSERVATION DISTRICT	\$1,055,691	\$81,179	\$69,107	\$77,826		\$13,920
US DOI BUREAU OF RECLAMATION	\$9,686,763	\$493,150	\$560,238	\$218,480		\$279,721
USDA FOREST SERVICE	\$744,977	\$894,820	-	\$1,258,457	\$142,378	\$728,324
S CENTRAL WASHINGTON RESOURCE CONSERVATION	\$385,532	\$387,228	\$443,094	\$0		\$970,524
US BUREAU OF RECLAMATION (WA)	\$1,205,799	\$0	\$0	\$0		\$0
RIVER RESEARCH LAB	\$1,204,305	\$0	\$0	\$0		\$0
USDA - NATURAL RESOURCES CONSERVATION SERVICE	\$40,880	\$0	\$1,128,900	\$0		\$0
INTERMOUNTAIN COMMUNICATIONS	\$644,360	\$172,771	\$152,035	\$147,450	\$123,750	\$146,850
PACIFIC POWER & LIGHT COMPANY	\$730,253	\$155,539	\$106,388	\$115,793	\$949,424	\$119,844
NORTHWEST FISHERIES SCIENCE CENTER	\$0	\$16,819	\$552,519	\$468,139		\$146,778
JEFFERSON COUNTY SOIL & WATER CONSERVATION DISTRICT	\$579,558	\$116,422	\$187,920	\$142,285	\$123,261	\$107,266
CASCADE PACIFIC RESOURCE	\$786,635	\$119,383	\$110,779	\$0		\$0
HARZA NORTHWEST INC	\$1,010,802	\$0	\$0	\$0		\$0
POMEROY SOIL & WATER WATER CONSERVATION DISTRICT	\$832,855	\$62,018	\$42,413	\$46,024	\$92,868	\$63,452
US FISH AND WILDLIFE SERVICE - DENVER REGION	\$978,033	\$0	\$0	\$0		\$0
UNION COUNTY SOIL & WATER CONSERVATION DISTRICT	\$809,225	\$89,146	\$30,408	\$12,764		\$0
US FISH AND WILDLIFE SERVICE - AHSAHKA	\$937,531	\$0	\$0	\$0		\$0
LAKE ROOSEVELT DEVELOPMENT ASSOCIATION	\$696,650	\$111,554	\$0	\$108,189	\$144,889	\$144,000
KINTAMA RESEARCH CORPORATION	\$423,899	\$0	\$160,000	\$309,989		\$1,147,767
US DEPARTMENT OF ENERGY - OAK RIDGE NATIONAL LABORATORY	\$668,744	\$122,073	\$90,870	\$0		\$0
LEWIS SOIL & WATER CONSERVATION DISTRICT	\$383,509	\$191,811	\$168,649	\$135,027		\$2,525
OREGON WATER TRUST	\$573,661	\$304,417	\$0	\$0		\$0
SANDPOINT TITLE INSURANCE INC	\$0	\$850,356	\$0	\$0		\$0
USFS - WALLOWA-WHITMAN NATIONAL FOREST - LAGRANDE DISTRICT,	\$838,422	\$0	\$0	\$0		\$0
USFS - FLATHEAD NATIONAL FOREST	\$837,468	\$0	\$0	\$0		\$0
WY'EAAT RESOURCE CONSERVATION & DEVELOPMENT COUNCIL	\$314,510	\$265,462	\$149,053	\$107,308	\$60,871	\$0
MOSS-ADAMS ADVISORY SERVICES	\$819,207	\$0	\$0	\$0		\$0
S. P. CRAMER & ASSOCIATES	\$490,096	\$315,925	\$0	\$0		\$0
IRZ CONSULTING LLC	\$258,260	\$93,269	\$400,312	\$32,822	\$5,517	\$0
US FISH AND WILDLIFE SERVICE - FISH ASST. VANCOUVER	\$775,613	\$0	\$0	\$0		\$0
CUSTER COUNTY TITLE INC				\$764,616		\$0
KITTITAS COUNTY WATER PURVEYORS	\$730,000	\$0	\$0	\$0		\$0
WALLA WALLA BASIN WATERSHED COUNCIL	\$478,000	\$178,387	\$67,170	\$4,490		\$0
CANADA DEPARTMENT OF FISHERIES & OCEANS	\$3,622,330	\$434,800	\$0	\$249,900		\$341,664
CLEARWATER FOCUS WATERSHED PROGRAM	\$641,749	\$0	\$0	\$0		\$0
WALLA WALLA COUNTY SOIL AND WATER CONSERVATION DISTRICT	\$624,166	\$0	\$0	\$0		\$250,000
IDAHO DEPARTMENT OF FISH & GAME / KOOTENAI	\$610,923	\$0	\$0	\$0		\$0
US BUREAU OF RECLAMATION - YAKIMA	\$580,303	\$0	\$0	\$0		\$0
US SMALL BUSINESS ADMINISTRATION	\$573,849	\$0	\$0	\$0		\$0
US DOI NW BIOLOGICAL SCIENCE CENTER	\$0	\$266,829	\$347,357	-\$57,634		\$0
USFS - UMATILLA NATIONAL FOREST	\$534,198	\$0	\$0	\$0		\$0
YAKAMA NATION FISHERIES PROJECT			\$515,366			\$0
SYNERGY CONSULTING INC	\$330,117	\$48,514	\$70,227	\$62,765		\$62,104
MILLER ECOLOGICAL CONSULTANTS	\$369,515	\$138,037	\$0	\$0	\$219,981	\$0
LATAH SOIL & WATER CONSERVATION DIST	\$0	\$193,274	\$165,560	\$148,028		\$153,657
TRANSNATION TITLE INSURANCE CO				\$500,000		\$0
UNION COUNTY	\$249,028	\$65,505	\$67,063	\$98,428		\$143,165
WALLA WALLA COUNTY CONSERVATION DISTRICT	\$312,515	\$162,412	\$0	\$0		\$0
US GEOLOGICAL SURVEY - BIOLOGICAL RESOURCES DIVISION	\$468,198	\$0	\$0	\$0		\$0
UNISYS CORPORATION	\$0	\$157,254	\$151,645	\$136,610		\$0
USFS - GIFFORD PINCHOT NATIONAL FOREST - MT ADAMS RANGER DISTRICT	\$444,891	\$0	\$0	\$0		\$0
FISHER FISHERIES LTD.	\$136,781	\$116,418	\$63,546	\$115,422	\$531,274	\$17,680
MOBRAND BIOMETRIC, INC.	\$193,132	\$8,283	\$105,062	\$124,303		\$0
TICOR TITLE INSURANCE COMPANY	\$0	\$430,000	\$0	\$0		\$0
EDUCATIONAL SERVICES DISTRICT #105 (YAKIMA)	\$427,427	\$0	\$0	\$0		\$0
WASHINGTON TROUT	\$350,122	\$27,960	\$37,364	\$0		\$0
RESEARCH INTO ACTION	\$414,555	\$0	\$0	\$0		\$0
HES	\$264,658	\$148,024	\$0	\$0		\$0
M-F WATER CONTROL DISTRICT	\$400,000	\$0	\$0	\$0		\$0

Table 5B Expenditures by Amount and Contractor (continued)

Contractor	1996-2002	2003	2004	2005	2006	2007
USFS - MT. HOOD NATIONAL FOREST	\$391,000	\$0	\$0	\$0		\$0
BIOMARK INC.	\$278,353	\$106,409	\$0	\$0		\$0
PER LTD.	\$376,374	\$0	\$0	\$0		\$0
STEPHEN H. SMITH FISHERIES CONSULTING, INC.	\$307,990	\$35,720	\$17,734	\$8,054		\$0
WASHINGTON WATER TRUST	\$223,045	\$142,867	\$0	\$0		\$0
JEFF KUECHLE	\$360,691		\$0	\$0		\$0
SHERMAN SOIL & WATER CONSERVATION DISTRICT	\$153,877	\$86,426	\$59,062	\$61,213	\$87,237	\$71,811
USFS - INTERMOUNTAIN REGION (4) - OGDEN	\$340,057	\$0	\$0	\$0		\$0
ALLIANCE TITLE & ESCROW CORP	\$0	\$336,000	\$0	\$0		\$0
CITY OF SCAPPOOSE	\$195,800	\$133,260	\$0	\$0		\$0
DONNA SILVERBERG	\$328,212	\$0	\$0	\$0		\$0
ENVIRONMENTAL SCIENCE ASSOCIATES	\$0	\$303,102	\$0	\$0		\$0
USFS - MT HOOD NATIONAL FOREST - HOOD RIVER RANGER DISTRICT	\$296,082	\$0	\$0	\$0		\$0
THE NATURE CONSERVANCY - OR	\$295,917	\$0	\$0	\$0		\$0
ROCKY MOUNTAIN RESEARCH STATION	\$291,370	\$0	\$0	\$0		\$0
CIBER INC			\$105,813	\$182,511		\$295,432
ROBERT HALF TECHNOLOGY			\$155,335	\$129,865		\$0
WASHINGTON STATE CONSERVATION COMMISSION.	\$284,479	\$0	\$0	\$0		\$0
FIRST AMERICAN TITLE CO	\$0	\$283,800	\$0	\$0		\$0
KITITAS COUNTY CONSERVATION DISTRICT	\$283,359	\$0	\$0	\$0		\$0
P.A.C.E.			\$112,740	\$164,165		\$108,805
ECO-NORTHWEST			\$140,084	\$136,261	\$141,311	\$142,333
NEZ TRIBAL TRIBAL FISHERIES/WATERSHED PROGRAM	\$270,293	\$0	\$0	\$0		\$0
WALLOWA RESOURCES INC	\$0	\$31,538	\$132,837	\$103,311		\$69,378
GILLIAM SOIL AND WATER CONSERVATION DISTRICT	\$75,086	\$77,586	\$68,508	\$43,677	\$59,650	\$60,252
MORROW COUNTY SOIL AND WATER CONSERVATION DISTRICT	\$75,086	\$62,813	\$61,212	\$63,950	\$68,058	\$31,455
KOOTENAI RIVER NETWORK INC	\$0	\$84,816	\$99,775	\$76,811	\$91,368	\$81,755
HINRICHSEN ENVIRONMENTAL SERVICES	\$344,480		\$115,852	\$143,629		\$141,464
US ARMY CORE OF ENGINEERS - NORTHWEST DIVISION	\$204,998	\$0	\$45,762	\$0		\$0
JONES & STOKES ASSOCIATES				\$248,968		\$1,800
BIOANALYSTS INC	\$1,114,749	\$347,715	\$213,415	\$244,591		\$339,703
DEPARTMENT	\$225,719	\$15,457	\$0	\$0		\$0
WHEELER SOIL AND WATER CONSERVATION DISTRICT	\$75,086	\$75,524	\$65,466	\$22,865	\$79,508	\$73,321
DSCONSULTING	\$238,197	\$0	\$0	\$0		\$0
ESD105	\$232,500	\$0	\$0	\$0		\$0
GRANDE RONDE MODEL WATERSHED FOUNDATION			\$39,410	\$184,053		\$612,311
COLUMBIA RIVER ESTUARY STUDY TASKFORCE			\$65,900	\$152,350		\$43,764
MARKS & MARKS	\$0	\$218,020	\$0	\$0		\$0
RESOURCE CONSERVATION & DEVELOPMENT	\$217,584	\$0	\$0	\$0		\$0
US FISH AND WILDLIFE SERVICE - (LONGVIEW WA)	\$214,203	\$0	\$0	\$0		\$0
HUDSON BAY DISTRICT IMPROVEMENT CO INC	\$0	\$74,849	\$66,628	\$71,946		\$71,433
USFS - PACIFIC NW REGION (6) - PORTLAND	\$213,180	\$0	\$0	\$0		\$0
NSRI	\$133,000	\$73,669	\$0	\$2,246		\$0
WALLOWA PUBLIC WORKS DEPARTMENT	\$206,426	\$0	\$0	\$0		\$0
SEA RESOURCES INC	\$0	\$73,947	\$88,974	\$40,738	\$52,262	\$0
UNION COUNTY PUBLIC WORKS DEPARTMENT	\$203,650	\$0	\$0	\$0		\$0
CRATE'S POINT	\$200,000	\$0	\$0	\$0		\$0
KENNETH STINSON, LATAH SOIL AND WATER CONSERVATION DISTRICT	\$200,000	\$0	\$0	\$0		\$0
NORTON-ARNOLD & COMPANY	\$182,176	\$14,038	\$0	\$0		\$0
COLUMBIA SOIL & WATER CONSERVATION DISTRICT	\$196,036	\$0	\$0	\$0		\$0
WALLOWA COUNTY	\$158,500	\$16,560	\$0	\$14,862		\$0
KATHLEEN A CONCANNON	\$135,160	\$1,512	\$7,457	\$44,294		\$3,043
COLE & WEBER	\$188,237	\$0	\$0	\$0		\$0
OREGON DEPT OF ENVIRONMENTAL QUALITY - BUSINESS OFFICE	\$50,334	\$98,797	\$37,487	\$0		\$0
OREGON HEALTH SCIENCES UNIV				\$184,796		\$135,334
MINISTRY OF WATER LAND AND AIR PROTECTIO	\$0	\$73,502	\$60,349	\$50,533	\$34,746	\$61,747
LEMHI IRRIGATION DISTRICT	\$182,938	\$0	\$0	\$0		\$0
USFWS - CRESTON NATIONAL FISH HATCHERY	\$181,088	\$0	\$0	\$0		\$0
UNIVERSITY of MONTANA	\$180,539	\$0	\$0	\$0		\$0
MONUMENT SOIL & WATER CONSERVATION DISTRICT	\$116,500	\$0	\$38,911	\$19,293	\$10,397	\$6,276
TEASDALE ENVIRONMENTAL	\$126,325	\$11,969	\$35,850	\$0		\$0
NATURAL RESOURCES CONSERVATION SERVICE	\$0	\$62,488	\$82,896	\$27,659		\$0
LAKE ROOSEVELT FORUM	\$84,050	\$43,008	\$7,794	\$37,440	\$45,000	\$26,199
GARDENA FARMS IRRIGATION DISTRICT #13	\$0	\$43,011	\$59,115	\$69,309		\$121,561
EASTERN OREGON UNIVERSITY	\$355,062	\$166,361	\$98,082	\$73,137		\$205,389

Table 5B Expenditures by Amount and Contractor (continued)

Contractor	1996-2002	2003	2004	2005	2006	2007
NEZ PERCE SOIL & WATER				\$169,035		\$0
US ARMY CORE OF ENGINEERS - WALLA WALLA DIST	\$165,938	\$0	\$0	\$0		\$0
NORTHWEST HABITAT INSTITUTE				\$164,281		\$157,831
GOLDEN PACIFIC HOMES	\$160,000	\$0	\$0	\$0		\$0
IDAHO STATE OFFICE OF SPECIES CONSERVATION	\$154,140	\$0	\$0	\$0		\$0
CHELAN COUNTY CONSERVATION DISTRICT	\$0	\$21,081	\$47,761	\$83,946	\$50,380	\$506,994
KRUGEL & ASSOCIATES	\$152,000	\$0	\$0	\$0		\$0
RHI MANAGEMENT RESOURCES	\$0	\$103,266	\$44,166	\$0		\$0
CASCADE PACIFIC RESC CONSV & DEVL INC				\$143,487		\$0
OXARC	\$143,340	\$0	\$0	\$0		\$0
USFS - NEZ PERCE NATIONAL FOREST	\$142,878	\$0	\$0	\$0		\$0
NATIONAL SYS & RESEARCH	\$0	\$49,165	\$92,410	\$0		\$0
TERRAQUA INC	\$0	\$6,359	\$42,635	\$91,526		\$333,708
D J WARREN & ASSOCIATES INC	\$0	\$24,122	\$73,753	\$39,989	(4914)	\$332,788
RICK APPLGATE	\$0	\$60,604	\$72,996	\$2,500		\$0
JEAN EDWARDS	\$135,711	\$0	\$0	\$0		\$0
ARCHAEOLOGICAL & HISTORICAL SERVIVE	\$127,894	\$0	\$0	\$0		\$0
DS CONSULTING	\$0	\$65,427	\$59,223	\$0		\$0
ADVANCED TELEMETRY SYSTEMS INC	\$90,765	\$13,262	\$18,000	\$0		\$0
SUNDAY & ASSOCIATES INC			\$68,305	\$52,832		\$0
SHAPIRO & ASSOCIATES INC	\$0	\$120,983	\$0	\$0		\$0
BC/ MINISTRY ENVIRONMENT LAND AND PARKS	\$117,449	\$0	\$0	\$0		\$0
GORGE EARTHWORKS INC	\$0	\$44,282	\$71,800	\$0		\$0
ENERGY NEWSDATA INC	\$114,600	\$0	\$0	\$0		\$0
SUN WEST PRODUCTIONS	\$0	\$57,000	\$56,998	\$0		\$0
PACIFIC WATERSHED INSTITUTE	\$104,200	\$8,420	\$0	\$0		\$0
FOSTER WHEELER ENVIRONMENTAL CO	\$101,955	\$0	\$0	\$0		\$0
WASHINGTON STATE DEPARTMENT OF TRANSPORTATION	\$101,700	\$0	\$0	\$0		\$0
JAMES J ANDERSON MD	\$100,000	\$0	\$0	\$0		\$0
US DEPT OF JUSTICE	\$100,000	\$0	\$0	\$0		\$0
AG-WEST SUPPLY	\$99,823	\$0	\$0	\$0		\$0
ASOTIN COUNTY LANDFILL	\$97,725	\$0	\$0	\$0		\$0
WATERSHED PROFESSIONALS INC.	\$94,600	\$0	\$0	\$0		\$0
GORDON, THOMAS, ETC., P.L.L.C.	\$89,097	\$0	\$0	\$0		\$0
GILLIAM COUNTY ROAD DEPARTMENT			\$68,508	\$18,752		\$0
ENVIRONMENTAL SCIENCE ASSOCIATES			\$86,963	\$0		\$0
HI-TECH INDUSTRIAL COATINGS	\$86,368	\$0	\$0	\$0		\$0
STRATEGIC EFFECTIVENESS GROUP	\$37,731	\$32,747	\$14,400	\$0		\$0
USFS - WALLOWA-WHITMAN NATIONAL. FOREST	\$82,650	\$0	\$0	\$0		\$0
USFS - WALLOWA-WHITMAN NATIONAL FOREST - WALLOWA VALLEY DIST	\$82,219	\$0	\$0	\$0		\$0
AL WRIGHT CONSULTING	\$80,000	\$0	\$0	\$0		\$0
OCEAN MARINE INDUSTRIES INC			\$78,050	\$0		\$0
LEWIS & CLARK COLLEGE	\$0	\$49,366	\$2,688	\$25,114		\$32,416
TETRA TECH FW INC			\$76,456	\$0		\$0
ALLFLEX	\$75,000	\$0	\$0	\$0		\$0
OREGON GRADUATE INSTITUTE				\$72,743		\$0
UMATILLA COUNTY	\$72,000	\$0	\$0	\$0		\$0
LOTEK WIRELESS, INC	\$0	\$16,395	\$31,061	\$23,670		\$105,588
JEFF KUECHLE EDITORIAL SERVICES	\$0	\$64,634	\$4,124	\$0		\$0
USFS - PACIFIC NW RESEARCH. STATION	\$64,997	\$0	\$0	\$0		\$0
METRO REGIONAL PARKS AND GREENSPACES	\$64,100	\$0	\$0	\$0		\$0
UPPER COUNTY COMMUNITY CHURCH				\$63,000		\$0
OREGON DEPARTMENT OF ENERGY	\$62,316	\$0	\$0	\$0		\$0
NATIONAL PARK SERVICE - COULEE DAM NATIONAL REC. AREA	\$62,000	\$0	\$0	\$0		\$0
NORTH FORK JOHN DAY WATERSHED COUNCIL	\$58,600	\$0	\$0	\$0		\$0
CRAVEN CONSULTING GROUP	\$0	\$52,902	\$4,769	\$0	\$4,474	\$0
LOTEK ENGINEERING INC	\$0	\$57,346	\$0	\$0		\$0
PARAMETRIX INC	\$0	\$56,945	\$0	\$0		\$0
WALLOWA VALLEY GOLF ASSOC	\$46,200	\$9,343	\$0	\$0		\$0
LANE COUNTY ORGANIZATION OF GOVERNMENTS	\$55,000	\$0	\$0	\$0		\$0
NEWSDATA CORP	\$55,000	\$0	\$0	\$0		\$0
PUGET SOUND ENERGY	\$54,369	\$0	\$0	\$0		\$0
CHELAN COUNTY PUBLIC WORKS DEPARTMENT	\$0	\$54,295	\$0	\$0		\$0
OREGON DEPARTMENT of TRANSPORTATION - LA GRANDE	\$51,500	\$0	\$0	\$0		\$0
APPLIED ARCHAEOLOGICAL RESEARCH	\$0	\$15,507	\$35,206	\$784		\$26,076

*These amounts are incorrect or belong in other categories. Bonneville is working to correct these errors. Source: Bonneville Power Administration

Table 5B Expenditures by Amount and Contractor (continued)

Contractor	1996-2002	2003	2004	2005	2006	2007
CHRISTOPHER BOEHME	\$50,240	\$0	\$0	\$0		\$0
UNIVERSITY OF ALASKA FAIRBANKS				\$171,607		\$53,575
HERKE ROCK & CONSTRUCTION	\$48,000	\$0	\$0	\$0		\$0
JD WHITE CO INC THE	\$46,996	\$0	\$0	\$0		\$0
OREGON DEPARTMENT of TRANSPORTATION - SALEM	\$46,000		\$0	\$0		\$0
RANDY'S BLUE DOT EXCAVATN INC	\$45,947	\$0	\$0	\$0		\$0
WASHINGTON OFFICE OF	\$0	\$45,403	\$0	\$0		\$0
MAGIC VALLEY INTER INC	\$44,811	\$0	\$0	\$0		\$0
MILTON-FREEWATER	\$0	\$13,000	\$0	\$30,940		\$0
VANDERHOUWEN & ASSOCIATES INC			\$43,738			\$0
ECO LOGICAL RESEARCH INC				\$42,897		\$0
ONSET COMPUTER CORP	\$42,135	\$0	\$0	\$0		\$0
NATURE CONSERVANCY				\$41,371	\$158,428	\$74,011
THE SHIPLEY GROUP	\$0	\$12,406	\$24,649	\$3,712		\$0
USFS - UMATILLA NATIONAL FOREST - WALLA WALLA DISTRICT	\$40,435	\$0	\$0	\$0		\$0
CROSSING BORDERS COMMUNICATIONS	\$0	\$13,355	\$10,956	\$12,078		\$7,204
INTER-FLUVE INC	\$35,849	\$0	\$0	\$0		\$0
PARK AVENUE HOMES	\$0	\$35,776	\$0	\$0		\$0
HIDDEN VALLEY GUEST RANCH	\$35,634	\$0	\$0	\$0		\$0
CENTER	\$31,608	\$0	\$0	\$0		\$0
PACIFIC BIODIVERSITY INSTITUTE			\$29,573			\$0
GLOBAL ENVIRONMENTAL SOLUTIONS	\$0	\$28,601	\$0	\$0		\$0
NOEL DESIGN	\$0	\$27,121	\$0	\$0		\$0
SPT	\$26,631	\$0	\$0	\$0		\$0
SP CRAMER & ASSOCIATES INC			\$16,747	\$9,520		\$0
MIKE WATTERS EXCAVATION	\$25,800	\$0	\$0	\$0		\$0
FORESTRY SUPPLIERS	\$25,681	\$0	\$0	\$0		\$0
JUDITH L. WOODWARD	\$24,005	\$0	\$0	\$0		\$0
GEOMAX	\$23,730	\$0	\$0	\$0		\$0
MONTANA NATURAL HERITAGE PROGRAM	\$0	\$9,679	\$6,821	\$5,500		\$0
SHELDON & ASSOCIATES INC	\$0	\$20,014	\$1,385	\$0		\$0
APPLIED POWER CORPORATION	\$21,364	\$0	\$0	\$0		\$0
GLOBAL SHELTERS	\$10,890	\$0	\$10,000	\$0		\$0
UNION COUNTY COMMISSIONERS OFFICE	\$20,400	\$0	\$0	\$0		\$0
N CTRL WASH RES CONSV & DEV	\$0	\$19,427	\$0	\$0		\$0
WORDS BY MALLIRIS	\$0	\$14,771	\$4,079	\$0		\$0
WEYERHAEUSER COMPANY	\$18,633	\$0	\$0	\$0		\$0
MAGIC VALLEY HELI-ARC & MFG	\$18,609	\$0	\$0	\$0		\$0
INTERNATIONAL INSTITUTE OF LEARNING	\$17,625	\$0	\$0	\$0		\$0
MAD RIVER DECOYS	\$17,500	\$0	\$0	\$0		\$0
KUECHLE EDIT SERVICES	\$17,146	\$0	\$0	\$0		\$0
JUDITH H MONTGOMERY	\$12,944	\$0	\$4,041	\$0		\$0
CDW GOVERNMENT INC			\$16,916	\$0		\$0
ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE				\$16,900		\$21,563
THE XERCES SOCIETY			\$16,790	\$0		\$0
BOISE CASCADE CORPORATION	\$16,000	\$0	\$0	\$0		\$0
WHEELER COUNTY SOIL & WATER				\$15,669		\$0
PRUDENTIAL RELOCATION INC	\$0	\$15,432	\$0	\$0		\$0
RICK FRANKLIN CORP	\$15,400	\$0	\$0	\$0		\$0
US WEST COM FED SERVICES	\$13,273	\$0	\$0	\$0		\$0
LUANNA GROW CONSULTING	\$12,500	\$0	\$0	\$0		\$0
IZONE	\$0	\$12,189	\$0	\$0		\$0
BIO-OREGON INC	\$0	\$11,598	\$0	\$0		\$0
GREGORY'S PUMP SERVICE	\$11,411	\$0	\$0	\$0		\$0
MINISTRY OF ENVIRONMENT				\$11,396		\$0
AMERICAN INDIAN SCIENCE & ENGINEERING				\$11,347		\$20,746
US DOI BUREAU OF LAND MGMT	\$0	\$7,884	\$2,987	\$0		\$0
OREGON TROUT INC	\$10,453	\$101	\$101	\$0		\$0
HERITAGE RESEARCH ASSOCIATES	\$3,954	\$6,622	\$0	\$0		\$0
CITY OF UNION	\$10,500	\$0	\$0	\$0		\$0
MURREMAID MUSIC BOXES	\$10,424	\$0	\$0	\$0		\$0
CHEMICAL WASTE MANAGEMENT, INC.	\$10,422	\$0	\$0	\$0		\$0
EAST LANE SOIL & WATER CONSERVATION DISTRICT	\$10,000	\$0	\$0	\$0		\$0
IDFG/SBT	\$10,000	\$0	\$0	\$0		\$0
IDAHO COUNTY	\$0	\$0	\$0	\$0		\$65,000

Table 5B Expenditures by Amount and Contractor (continued)

Contractor	1996-2002	2003	2004	2005	2006	2007
DAVID A FILER			\$9,714	\$0		\$530
HYDROACOUSTIC TECHNOLOGY INC				\$9,647		\$0
ENVIRONMENTAL SERVICES NW INC	\$9,207	\$0	\$0	\$0		\$0
HYDROLAB CORP	\$8,735	\$0	\$0	\$0		\$0
US DEPT OF ENERGY			\$8,331	\$0		\$0
DON WILTON SURVEYING	\$0	\$8,190	\$0	\$0		\$0
DAVID EVANS & ASSOCIATES INC	\$7,800	\$0	\$0	\$0		\$0
WASHINGTON DEPARTMENT OF NATURAL RESOURCES	\$7,500	\$0	\$0	\$0		\$0
MUNTERS CORP	\$7,330	\$0	\$0	\$0		\$0
AQUATECNICS INC	\$7,090	\$0	\$0	\$0		\$0
NRCS	\$6,965	\$0	\$0	\$0		\$0
PBS ENVIR BLD CONS INC	\$0	\$6,140	\$0	\$0		\$0
INTERNATIONAL DESIGN TECHNOLOGIES INC	\$0	\$5,995	\$0	\$0		\$0
EARTH SATELLITE CORPORATION				\$5,964		\$0
OS SYSTEMS INC	\$5,804	\$0	\$0	\$0		\$0
WELLS FARGO HOME MORTGAGE INC	\$0	\$5,630	\$0	\$0		\$0
MERIDIAN ENVIRONMENTAL INC	\$0	\$5,615	\$0	\$0		\$0
CITY OF MILTON-FREEWATER	\$5,500	\$0	\$0	\$0		\$0
H&L PLUMBING & HEATING	\$5,422	\$0	\$0	\$0		\$0
EASTERN WASHINGTON UNIVERSITY				\$5,167		\$10,632
ECOLOGIC UNLIMITED	\$5,040	\$0	\$0	\$0		\$0
OREGON STATE DEPARTMENT OF PARKS & RECREATION	\$5,000	\$0	\$0	\$0		\$0
SUSTAINABLE FISHERIES FOUNDATION	\$5,000		\$0	\$0		\$0
UNIVERSITY OF OREGON	\$0	\$4,731	\$0	\$0		\$0
DR. LYLE CALVIN	\$4,250	\$0	\$0	\$0		\$0
WORKMAN AND SONS INC	\$4,120	\$0	\$0	\$0		\$0
MERIDAN INSTRUMENT CO INC	\$3,912	\$0	\$0	\$0		\$0
TRACY CAMP	\$3,328	\$0	\$0	\$0		\$0
WEBB & ASSOCIATES INC	\$0	\$3,319	\$0	\$0		\$0
SUE FOSTER	\$3,084	\$0	\$0	\$0		\$0
IDAHO SALMON & STEEL	\$3,000	\$0	\$0	\$0		\$0
ENTRIX INC			\$2,918	\$0		\$0
COLUMBIA LAND TRUST			\$2,626	\$0		\$0
LYNCH HUMAN RESOURCES CONSULTING			\$2,500	\$0		\$0
DR STEPHEN W KRESS	\$2,467	\$0	\$0	\$0		\$0
ARGENTEA INTERNATIONAL	\$2,330	\$0	\$0	\$0		\$0
ROCKEYE CRM				\$2,000		\$0
CENTRAL COMMUNICATIONS	\$2,000	\$0	\$0	\$0		\$0
SOLV	\$0	\$2,000	\$0	\$0		\$0
S & K TECHNOLOGIES INC				\$1,967		\$0
INTERIOR DEPARTMENT OF	\$0	\$1,914	\$0	\$0		\$0
US WEST COM SERVICES INC	\$1,886	\$0	\$0	\$0		\$0
DOUBLETREE HOTEL	\$0	\$1,625	\$0	\$0		\$0
BUSINESS EDUCATION COMPACT	\$1,500	\$0	\$0	\$0		\$0
CAMERON L SINCLAIR				\$1,332		\$0
JAMES L DUNNIGAN				\$1,288		\$0
MARC M SPATT CONSULTING HYDRO	\$1,047	\$0	\$0	\$0		\$0
AYRES ASSOCIATES	\$1,000	\$0	\$0	\$0		\$0
MARY ANNE BISHOP	\$1,000	\$0	\$0	\$0		\$0
PACIFIC BIOLOGICAL STATION (CANADIAN)	\$1,000	\$0	\$0	\$0		\$0
WEST CONSULTANTS INC	\$1,000	\$0	\$0	\$0		\$0
KELLY TEMPORARY SERVICE	\$0	\$973	\$0	\$0		\$0
PAT E VIVIAN	\$874	\$0	\$0	\$0		\$0
MONTANA STATE DEPARTMENT OF	\$0	\$244	\$630	\$0		\$0
PAUL HANSEN			\$820	\$0		\$0
R.S. ANDERSON & ANDERSON, INC.	\$800	\$0	\$0	\$0		\$0
WEAVER ASSOCIATES	\$700	\$0	\$0	\$0		\$0
QWEST CORPORATION	\$0	\$653	\$0	\$0		\$0
BOB TONSETH	\$650	\$0	\$0	\$0		\$0
THE BRICK KICKER	\$550	\$0	\$0	\$0		\$0
DR. DAVID WELCH	\$500	\$0	\$0	\$0		\$0
WORLDTRAVEL BTI	\$0	\$423	\$0	\$0		\$0
WESTERN / ALLWASTE	\$304	\$0	\$0	\$0		\$0
EMERGENCY MEDICAL TRAINING ASSOCIATES	\$0	\$212	\$78	\$0		\$0
CLAUDIO BRONCHO	\$0	\$238	\$0	\$0		\$0

Table 5B Expenditures by Amount and Contractor (continued)

Contractor	1996-2002	2003	2004	2005	2006	2007
BLUE MOUNTAIN CONFERENCE CENTER	\$0	\$140	\$0	\$0		\$0
AFFILIATED TRIBES OF	\$0	\$125	\$0	\$0		\$0
IMNAHA CHRISTIAN FELLOWSHIP	\$0	\$100	\$0	\$0		\$0
SOURCE ONE MANAGEMENT INC	\$0	\$90	\$0	\$0		\$0
GONZALES CONSULTING SVCS INC	\$0	\$30	\$0	\$0		\$0
YAKIMA WASTE SYSTEM INC	\$0	\$26	\$0	\$0		\$0
CENTRAL WASHINGTON UNIVERSITY	\$0	\$0	\$0	\$0		\$6,285
CHEWUCH BASIN COUNCIL	\$0	\$0	\$0	\$0	\$463,077	\$365,788
METHOW SALMON RECOVERY FOUNDATION	\$0	\$0	\$0	\$0	\$89,072	\$39,046
MONTANA WATER TRUST	\$0	\$0	\$0	\$0		\$13,790
TROUT UNLIMITED	\$0	\$0	\$0	\$0		\$1,728
CATHERINE BANFILLE	\$0	\$0	\$0	\$0		\$40
DIANE TEEMAN	\$0	\$0	\$0	\$0		\$5,847
HISTORICAL RESEARCH ASSOCIATES, INC.	\$0	\$0	\$0	\$0		\$1,053
JAMES E. HOPKINS	\$0	\$0	\$0	\$0		\$6,151
KWA ECOLOGICAL SCIENCES, INC.	\$0	\$0	\$0	\$0		\$19,718
MCKENZIE WATERSHED ALLIANCE	\$0	\$0	\$0	\$0		\$43,656
MORALES & ASSOCIATES, LLC	\$0	\$0	\$0	\$0		\$3,193
OTAK, INC.	\$0	\$0	\$0	\$0		\$39
PC TRASK & ASSOCIATES	\$0	\$0	\$0	\$0		\$41,424
SONIC CONCEPTS, INC.	\$0	\$0	\$0	\$0		\$258,975
THE RESEARCH GROUP	\$0	\$0	\$0	\$0		\$55,000
CASCADIA CONSERVATION DISTRICT	\$0	\$0	\$0	\$0		\$117,559
OKANOGAN CONSERVATION DISTRICT	\$0	\$0	\$0	\$0	\$122,972	\$61,934
ORRICK, HERRINGTON & SUTCLIFFE	\$0	\$0	\$0	\$0		-\$145,000
PORTLAND STATE UNIVERSITY	\$0	\$0	\$0	\$0		\$2,757
CORPORATE EXPRESS	\$0	\$0	\$0	\$0		\$2,903
Total	\$844,265,306	\$131,560,958	\$127,239,372	\$124,402,422	\$151,796,216	\$140,085,623
Source: Bonneville Power Administration						
This information has been made publicly available by BPA in February 2008 and does not contain BPA-approved Agency Financial Information.						

Table 6 Salmon and Steelhead Passing Bonneville Dam, 1978-2007

These dam counts should not be utilized for year-to-year comparison of abundance or population size. Yearly totals of all fish passing Bonneville Dam, in 1938-2007, including jacks

	Chinook	Steelhead	Sockeye	Coho
1938	271,799	107,003	75,040	15,185
39	286,236	121,922	73,382	14,383
40	391,573	185,161	148,805	11,870
41	461,443	118,087	65,741	17,911
42	401,998	151,345	55,464	12,401
43	313,123	92,131	39,845	2,547
44	240,763	100,521	15,071	4,207
45	297,488	120,144	9,501	791
46	445,743	142,548	74,354	3,897
47	480,377	135,444	171,139	11,174
48	419,555	139,062	131,541	4,081
49	277,697	119,285	51,444	1,004
50	357,375	114,087	77,993	10,151
51	331,788	140,689	169,428	5,201
52	420,879	260,990	184,645	7,768
53	332,479	223,914	235,215	13,018

Table 6 Salmon and Steelhead Passing Bonneville Dam, 1978-2007 (continued)

These dam counts should not be utilized for year-to-year comparison of abundance or population size.
Yearly totals of all fish passing Bonneville Dam, in 1938-2007, including jacks

	Chinook	Steelhead	Sockeye	Coho
54	320,947	176,260	130,107	4,062
55	359,853	198,411	237,748	3,725
56	300,917	131,116	156,418	6,127
57	403,286	139,183	82,915	4,675
58	426,419	131,437	122,389	3,673
59	345,028	129,026	86,560	2,695
60	256,049	113,676	59,713	3,268
61	281,980	139,719	17,111	3,456
62	286,625	164,025	28,179	14,788
63	278,560	129,418	60,319	12,658
64	344,422	117,252	99,856	53,602
65	317,957	166,453	55,125	76,032
66	340,111	143,661	156,661	71,891
67	366,237	121,872	144,158	96,488
68	341,154	106,974	108,207	63,488
69	507,543	140,782	59,636	49,378
70	384,780	113,510	70,762	80,116
71	405,702	193,966	87,447	75,989
72	394,456	185,886	56,323	65,932
73	398,635	157,823	58,979	54,609
74	366,759	137,054	43,837	60,955
75	425,566	85,540	58,212	58,307
76	507,773	124,177	43,611	53,150
77	464,865	193,437	99,829	19,408
78	394,590	104,431	18,436	52,590
79	176,292	114,010	52,627	45,328
80	245,518	129,254	58,882	22,052
81	285,650	159,270	56,037	30,510
82	322,809	157,640	50,219	73,832
83	244,476	218,419	100,542	15,178
84	323,346	315,795	152,540	29,332
85	454,753	326,194	165,928	55,529
86	571,189	376,752	58,099	130,786
87	547,409	300,335	116,956	27,628
88	494,028	279,277	79,721	39,617
89	416,170	287,802	41,884	39,243
90	340,798	183,011	49,581	24,764
91	274,644	274,535	76,482	65,508
92	256,271	314,963	84,993	18,151
93	277,657	188,377	80,182	11,732
94	243,450	161,978	12,678	22,795
95	240,017	202,478	8,771	12,034
96	296,635	205,213	30,252	18,747
97	383,133	258,385	47,008	27,267
98	280,944	185,094	13,218	49,920
99	343,176	206,488	17,875	45,152
2000	491,928	351,493	93,398	97,127
01	970,774	748,011	114,946	266,307
02	925,452	624,248	49,610	95,289
03	996,660	478,644	39,291	133,874
04	906,197	313,378	123,291	119,851
05	600,415	315,560	72,971	88,791
06	525,948	333,250	37,066	109,007
07	357,562	405,862	24,376	96,576

Source: Fish Passage Center

Source: Bonneville Power Administration

Table 8A: Estimated Survival Percentage of Juvenile Salmonids Migrating from Lower Granite Dam to Bonneville Dam, 1966-2007

	Chinook Salmon	Steelhead		Chinook Salmon	Steelhead
1966	46.00	56.00	1987	NA	56.00
67	47.00	32.00	88	NA	32.00
68	45.00	43.00	89	NA	43.00
69	34.00	20.00	90	NA	20.00
70	17.00	24.00	91	NA	24.00
71	20.00	17.00	92	NA	17.00
72	9.00	9.00	93	NA	NA
73	3.00	1.00	94	NA	NA
74	38.00	8.00	95	NA	NA
75	19.00	27.00	96	NA	NA
76	10.00	13.00	97	NA	47.00
77	1.00	1.00	98	NA	50.00
78	23.00	23.00	99	56.00	44.00
79	19.00	2.00	2000	49.00	39.00
80	15.00	3.00	01	28.00	4.00
81	NA	NA	02	58.00	26.00
82	NA	NA	03	53.00	31.00
83	NA	NA	04	39.00	NA
84	NA	NA	05	52.00	NA
85	NA	NA	06	61	41
86	NA	NA	07	59.40	39.20

NA = Not Available

Table 8B: Estimated Survival Percentage of Juvenile Salmonids Migrating from The Upper Columbia River to Bonneville Dam, 1966-2007

	Chinook Salmon	Steelhead		Chinook Salmon	Steelhead
1966	46.00	0.56	1987	0.00	NA
67	47.00	32.00	88	0.00	NA
68	45.00	43.00	89	0.00	NA
69	34.00	20.00	90	0.00	NA
70	17.00	24.00	91	0.00	NA
71	20.00	17.00	92	0.00	NA
72	9.00	9.00	93	0.00	NA
73	3.00	1.00	94	0.00	0.44
74	28.00	8.00	95	0.00	0.39
75	19.00	27.00	96	0.00	NA
76	10.00	13.00	97	0.00	47.00
77	1.00	1.00	98	0.00	50
78	23.00	8.00	99	56.00	44
79	19.00	2.00	2000	49.00	39
80	15.00	3.00	01	0.00	NA
81	NA	NA	02	75.00	0.00
82	NA	NA	03	77.00	70.00
83	NA	NA	04	62.00	49.00
84	NA	NA	05	0.00	53.00
85	NA	NA	06	68	NA
86	NA	NA	07	71	*

NA = Not Available. * McNary to John Day: 79.9%; John Day to Bonneville: 45.9%

Table 9: Where Do the Fish Go? Fish Counted at Each Mainstem Columbia and Snake River Dam, and the Willamette Falls, 2007

Dam	Spring Chinook	Summer Chinook	Fall Chinook	Coho	Sockeye	Steelhead	Total
Bonneville	84,332	60,951	212,082	96,058	24,376	320,931	798,730
The Dalles	69,091	51,441	131,683	32,751	19,124	241,898	545,988
John Day	57,869	47,355	109,095	39,228	24,277	227,112	504,936
McNary	48,890	41,779	85,133	22,587	18,175	208,788	425,352
Ice Harbor	35,751	10,237	23,117	2,147	55	153,619	224,926
Lower Monumental	35,499	12,871	24,871	2,231	44	154,104	229,620
Little Goose	31,187	10,759	18,452	2,141	37	135,414	197,990
Lower Granite	31,990	10,597	19,943	2,798	52	157,214	222,594
Priest Rapids	7,197	31,732	27,033	12,310	24,645	15,183	118,100
Rock Island	7,638	34,422	5,597	17,152	25,122	13,293	103,224
Rocky Reach	3,344	26,767	4,470	4,738	20,683	10,143	70,145
Wells	2,793	16,187	4,358	2,432	22,273	7,500	55,543
Willamette Falls	23,222	0	56	1,197	0	19,170	43,645

Totals include adults and jacks.

Table 10: Wildlife Habitat Units by Dam and Species, 1978 Through February, 2008

Dam	Wildlife Species	Habitat Units Lost	Habitat Units Acquired	Percent Completed
Albeni Falls	Bald Eagle (breeding)	4508.00	514	11.40%
Albeni Falls	Bald Eagle (wintering)	4365.00	523	12.00%
Albeni Falls	Black-capped Chickadee	2286.00	463	20.30%
Albeni Falls	Canada Goose	4699.00	1,952	41.50%
Albeni Falls	Mallard	5985.00	870	14.50%
Albeni Falls	Muskrat	1756.00	339	19.30%
Albeni Falls	Peregrine Falcon	0.00	15	0%
Albeni Falls	Redhead Duck	3379.00	0	0.00%
Albeni Falls	White-tailed Deer	1680.00	522	31.10%
Albeni Falls	Yellow Warbler	0.00	96	0.00%
Anderson Ranch	Black-capped Chickadee	890.00	0	0.00%
Anderson Ranch	Blue Grouse	1980.00	0	0.00%
Anderson Ranch	Mallard	1048.00	504	48.10%
Anderson Ranch	Mink	1732.00	557	32.20%
Anderson Ranch	Mule Deer	2689.00	2	0.10%
Anderson Ranch	Ruffed Grouse	919.00	0	0.00%
Anderson Ranch	Yellow Warbler	361.00	0	0.00%
Big Cliff	Bald Eagle	0.00	0	0.00%
Big Cliff	Beaver	50.00	0	0.00%
Big Cliff	Black-tailed Deer	81.00	0	0.00%
Big Cliff	Common Merganser	11.00	0	0.00%
Big Cliff	Osprey	0.00	0	0.00%
Big Cliff	Pileated Woodpecker	71.00	0	0.00%
Big Cliff	River Otter	38.00	0	0.00%
Big Cliff	Roosevelt Elk	81.00	0	0.00%
Big Cliff	Ruffed Grouse	81.00	0	0.00%
Black Canyon	Black-capped Chickadee	0.00	0	0.00%
Black Canyon	Canada Goose	214.00	0	0.00%
Black Canyon	Mallard	270.00	0	0.00%
Black Canyon	Mink	652.00	1	0.20%
Black Canyon	Mule Deer	242.00	53	21.90%
Black Canyon	Ring-necked Pheasant	260.00	0	0.00%
Black Canyon	Sharp-tailed Grouse	532.00	0	0.00%
Black Canyon	Yellow Warbler	0.00	3	0.00%
Bonneville OR	Black-capped Chickadee	511.00	189	37.00%
Bonneville OR	Canada Goose	1222.00	0	0.00%
Bonneville OR	Great Blue Heron	2150.00	388	18.00%
Bonneville OR	Lesser Scaup	0.00	0	0.00%
Bonneville OR	Mink	811.00	0	0.00%
Bonneville OR	Spotted Sandpiper	1383.00	2	0.10%
Bonneville OR	Yellow Warbler	82.00	11	13.40%
Bonneville WA	Black-capped Chickadee	511.00	139	27.20%
Bonneville WA	Canada Goose	1222.00	132	10.80%
Bonneville WA	Great Blue Heron	2150.00	431	20.00%
Bonneville WA	Lesser Scaup	0.00	0	0.00%
Bonneville WA	Mink	811.00	168	20.70%
Bonneville WA	Spotted Sandpiper	1383.00	0	0.00%
Bonneville WA	Yellow Warbler	82.00	1	1.20%
Chief Joseph	Bobcat	401.00	132	32.90%
Chief Joseph	Canada Goose	213.00	10	4.70%
Chief Joseph	Lesser Scaup	0.00	0	0.00%
Chief Joseph	Lewis Woodpecker	286.00	45	15.70%
Chief Joseph	Mink	920.00	111	12.10%
Chief Joseph	Mule Deer	1992.00	233	11.70%
Chief Joseph	Ring-necked Pheasant	239.00	0	0.00%
Chief Joseph	Sage Grouse	1179.00	0	0.00%
Chief Joseph	Sharp-tailed Grouse	2290.00	0	0.00%
Chief Joseph	Spotted Sandpiper	1255.00	10	0.80%
Chief Joseph	Yellow Warbler	58.00	26	44.80%
Cougar	American Dipper	285.00	0	0.00%
Cougar	Bald Eagle	0.00	0	0.00%
Cougar	Beaver	189.00	250	132.30%
Cougar	Black Bear	1856.00	0	0.00%
Cougar	Black-capped Chickadee	0.00	66	0%
Cougar	Black-tailed Deer	1192.00	0	0.00%
Cougar	Cougar	1472.00	0	0.00%
Cougar	Downy Woodpecker	0.00	44	0%
Cougar	Harlequin duck	282.00	0	0.00%

Table 10: Wildlife Habitat Units by Dam and Species, Through February, 2008I (continued).

Dam	Wildlife Species	Habitat Units Lost	Habitat Units Acquired	Percent Completed
Cougar	Osprey	0.00	0	0.00%
Cougar	Pileated Woodpecker	1938.00	0	0.00%
Cougar	Pond-breeding Amphibians	0.00	48	0%
Cougar	River Otter	189.00	0	0.00%
Cougar	Roosevelt Elk	1484.00	0	0.00%
Cougar	Ruffed Grouse	293.00	0	0.00%
Cougar	Spotted Owl	1774.00	0	0.00%
Cougar	Spotted Sandpiper	0.00	10	0%
Cougar	Valley Quail	0.00	56	0%
Cougar	Waterfowl	0.00	0	0.00%
Cougar	Yellow Warbler	170.00	37	21.80%
Detroit	Bald Eagle	0.00	0	0.00%
Detroit	Beaver	715.00	0	0.00%
Detroit	Black-tailed Deer	3061.00	0	0.00%
Detroit	Common Merganser	0.00	0	0.00%
Detroit	Osprey	0.00	0	0.00%
Detroit	Pileated Woodpecker	1156.00	0	0.00%
Detroit	River Otter	882.00	0	0.00%
Detroit	Roosevelt Elk	2210.00	0	0.00%
Detroit	Ruffed Grouse	3028.00	0	0.00%
Detroit	Spotted Owl	246.00	0	0.00%
Dexter	American Dipper	119.00	0	0.00%
Dexter	American Kestrel	0.00	39	0%
Dexter	Bald Eagle	0.00	0	0.00%
Dexter	Beaver	832.00	2	0.20%
Dexter	Black-capped Chickadee	0.00	10	0%
Dexter	Black-tailed Deer	1078.00	46	4.30%
Dexter	California quail	664.00	0	0.00%
Dexter	Greater Scaup	0.00	0	0.00%
Dexter	Mallard	0.00	7	0%
Dexter	Mink	832.00	2	0.20%
Dexter	Osprey	0.00	0	0.00%
Dexter	Red Fox	508.00	0	0.00%
Dexter	Red-Tailed Hawk	0.00	10	0%
Dexter	Ring-necked Pheasant	332.00	19	5.70%
Dexter	Ruffed Grouse	701.00	0	0.00%
Dexter	Western Gray Squirrel	284.00	0	0.00%
Dexter	Western Meadowlark	0.00	21	0%
Dexter	Wilson's Snipe	0.00	23	0%
Dexter	Wood Duck	644.00	1	0.20%
Dexter	Yellow Warbler	654.00	1	0.20%
Foster	Bald Eagle	0.00	0	0.00%
Foster	Beaver	245.00	0	0.00%
Foster	Black-tailed Deer	890.00	0	0.00%
Foster	Osprey	0.00	0	0.00%
Foster	Ring-necked Pheasant	385.00	0	0.00%
Foster	River Otter	340.00	0	0.00%
Foster	Roosevelt Elk	652.00	0	0.00%
Foster	Ruffed Grouse	853.00	0	0.00%
Foster	Wood Duck	179.00	0	0.00%
Grand Coulee	Black-capped Chickadee	0.00	71	0%
Grand Coulee	Blue Grouse	0.00	954	0%
Grand Coulee	Bobcat	0.00	8	0%
Grand Coulee	Canada Goose (nesting)	74.00	0	0.00%
Grand Coulee	Downy Woodpecker	0.00	1,519	0%
Grand Coulee	Great Blue Heron	0.00	0	0%
Grand Coulee	Lewis Woodpecker	0.00	140	0%
Grand Coulee	Mallard	0.00	30	0%
Grand Coulee	Mink	0.00	93	0%
Grand Coulee	Mourning Dove	9316.00	1,001	10.70%
Grand Coulee	Mule Deer	27133.00	27,040	99.70%
Grand Coulee	Pygmy Rabbit	0.00	2,228	0%
Grand Coulee	Riparian Forest	1632.00	0	0.00%
Grand Coulee	Riparian Shrub	27.00	0	0.00%
Grand Coulee	Ruffed Grouse	16502.00	279	1.70%
Grand Coulee	Sage Grouse	2746.00	14,617	532.30%
Grand Coulee	Sharp-tailed Grouse	32723.00	20,473	62.60%
Grand Coulee	Western Meadowlark	0.00	19,383	0%

Table 10: Wildlife Habitat Units by Dam and Species, 1978 Through February, 2008

Dam	Wildlife Species	Habitat Units Lost	Habitat Units Acquired	Percent Completed
Grand Coulee	White-tailed Deer	21632.00	2,546	11.80%
Grand Coulee	Yellow Warbler	0.00	330	0%
Green Peter	Bald Eagle	0.00	0	0.00%
Green Peter	Band-tailed Pigeon	3487.00	0	0.00%
Green Peter	Beaver	381.00	0	0.00%
Green Peter	Black-tailed Deer	3997.00	0	0.00%
Green Peter	Common Merganser	21.00	0	0.00%
Green Peter	Osprey	0.00	0	0.00%
Green Peter	Pileated Woodpecker	710.00	0	0.00%
Green Peter	River Otter	575.00	0	0.00%
Green Peter	Roosevelt Elk	3997.00	0	0.00%
Green Peter	Ruffed Grouse	3264.00	0	0.00%
Hills Creek	American Dipper	200.00	0	0.00%
Hills Creek	Bald Eagle	0.00	0	0.00%
Hills Creek	Beaver	326.00	517	158.60%
Hills Creek	Black Bear	2958.00	0	0.00%
Hills Creek	Black-capped Chickadee	0.00	66	0%
Hills Creek	Black-tailed Deer	2912.00	0	0.00%
Hills Creek	Cougar	2381.00	0	0.00%
Hills Creek	Harlequin duck	269.00	0	0.00%
Hills Creek	Osprey	0.00	0	0.00%
Hills Creek	Pileated Woodpecker	3201.00	0	0.00%
Hills Creek	Red-Tailed Hawk	0.00	259	0%
Hills Creek	River Otter	384.00	0	0.00%
Hills Creek	Roosevelt Elk	3203.00	0	0.00%
Hills Creek	Ruffed Grouse	468.00	0	0.00%
Hills Creek	Spotted Owl	2977.00	0	0.00%
Hills Creek	Valley Quail	0.00	144	0%
Hills Creek	Waterfowl	0.00	0	0.00%
Hills Creek	Western Meadowlark	0.00	110	0%
Hills Creek	Western Pond Turtle	0.00	106	0%
Hills Creek	Wood Duck	0.00	338	0%
Hills Creek	Yellow Warbler	210.00	25	11.90%
John Day OR	Black-capped Chickadee	435.00	0	0.00%
John Day OR	California quail	3162.00	0	0.00%
John Day OR	Canada Goose	4005.00	0	0.00%
John Day OR	Great Blue Heron	1593.00	0	0.00%
John Day OR	Lesser Scaup	0.00	0	0.00%
John Day OR	Mallard	3700.00	0	0.00%
John Day OR	Mink	719.00	7	1.00%
John Day OR	Mule Deer	0.00	5,966	0%
John Day OR	Spotted Sandpiper	1593.00	0	0.00%
John Day OR	Western Meadowlark	2530.00	8,070	319.00%
John Day OR	Yellow Warbler	543.00	14	2.60%
John Day WA	Black-capped Chickadee	435.00	549	126.20%
John Day WA	California quail	3162.00	3,682	116.40%
John Day WA	Canada Goose	4005.00	976	24.40%
John Day WA	Great Blue Heron	1593.00	152	9.50%
John Day WA	Harlequin duck	0.00	19	0%
John Day WA	Lesser Scaup	0.00	0	0.00%
John Day WA	Mallard	3700.00	1,200	32.40%
John Day WA	Mink	719.00	1,197	166.50%
John Day WA	Spotted Sandpiper	1593.00	8	0.50%
John Day WA	Western Meadowlark	2530.00	2,920	115.40%
John Day WA	Yellow Warbler	543.00	316	58.20%
Lookout Point	American Dipper	350.00	0	0.00%
Lookout Point	Bald Eagle	0.00	0	0.00%
Lookout Point	Beaver	1739.00	0	0.00%
Lookout Point	Black-tailed Deer	4043.00	0	0.00%
Lookout Point	California quail	1937.00	0	0.00%
Lookout Point	Common Merganser	95.00	0	0.00%
Lookout Point	Mink	1586.00	0	0.00%
Lookout Point	Osprey	0.00	0	0.00%
Lookout Point	Pileated Woodpecker	1614.00	0	0.00%
Lookout Point	Red Fox	2082.00	0	0.00%
Lookout Point	Ring-necked Pheasant	1654.00	0	0.00%
Lookout Point	Roosevelt Elk	3668.00	0	0.00%
Lookout Point	Ruffed Grouse	2457.00	0	0.00%

Source: Bonneville Power Administration

Table 10: Wildlife Habitat Units by Dam and Species, 1978 Through February, 2008

Dam	Wildlife Species	Habitat Units Lost	Habitat Units Acquired	Percent Completed
Lookout Point	Spotted Owl	714.00	0	0.00%
Lookout Point	Western Gray Squirrel	1070.00	0	0.00%
Lookout Point	Wood Duck	1124.00	0	0.00%
Lookout Point	Yellow Warbler	1321.00	0	0.00%
Lower Snake	Black-capped Chickadee	0.00	1,092	0%
Lower Snake	California quail	20508.00	1,290	6.30%
Lower Snake	Canada Goose	2040.00	289	14.20%
Lower Snake	Downy Woodpecker	365.00	409	112.10%
Lower Snake	Mallard	0.00	92	0%
Lower Snake	Mallard (nesting)	0.00	368	0%
Lower Snake	Marsh Wren	0.00	282	0%
Lower Snake	Mink	0.00	12	0%
Lower Snake	Mule Deer	0.00	3,673	0%
Lower Snake	Ring-necked Pheasant	2647.00	-74	-2.80%
Lower Snake	Sage Grouse	0.00	44	0%
Lower Snake	Sharp-tailed Grouse	0.00	6,390	0%
Lower Snake	Song Sparrow	288.00	799	277.40%
Lower Snake	Western Meadowlark	0.00	9,868	0%
Lower Snake	Yellow Warbler	927.00	424	45.70%
McNary OR	Black-capped Chickadee	0.00	1,204	0%
McNary OR	Blue Grouse	0.00	408	0%
McNary OR	California quail	1263.00	1,286	101.80%
McNary OR	Canada Goose	697.00	0	0.00%
McNary OR	Downy Woodpecker	75.00	1,222	1629.30%
McNary OR	Great Blue Heron	0.00	31	0%
McNary OR	Mallard	0.00	134	0%
McNary OR	Mallard (nesting)	1392.00	0	0.00%
McNary OR	Mallard (wintering)	0.00	0	0.00%
McNary OR	Mink	250.00	105	42.00%
McNary OR	Spotted Sandpiper	273.00	22	8.10%
McNary OR	Western Meadowlark	694.00	3,753	540.80%
McNary OR	Yellow Warbler	66.00	334	506.10%
McNary WA	Black-capped Chickadee	0.00	3,164	0%
McNary WA	Blue Grouse	0.00	137	0%
McNary WA	California quail	5051.00	10,294	203.80%
McNary WA	Canada Goose	2787.00	6,968	250.00%
McNary WA	Downy Woodpecker	301.00	2,071	688.00%
McNary WA	Great Blue Heron	0.00	119	0%
McNary WA	Mallard	0.00	5,266	0%
McNary WA	Mallard (nesting)	5567.00	0	0.00%
McNary WA	Mallard (wintering)	0.00	0	0.00%
McNary WA	Mink	1000.00	2,210	221.00%
McNary WA	Spotted Sandpiper	1090.00	164	15.00%
McNary WA	Western Meadowlark	2775.00	1,539	55.50%
McNary WA	Yellow Warbler	263.00	878	333.80%
Minidoka	Mallard	0.00	0	0.00%
Minidoka	Marsh Wren	0.00	0	0.00%
Minidoka	Mule Deer	3413.00	1,632	47.80%
Minidoka	Redhead Duck	0.00	0	0.00%
Minidoka	River Otter	2993.00	0	0.00%
Minidoka	Sage Grouse	3755.00	0	0.00%
Minidoka	Western Grebe	0.00	0	0.00%
Minidoka	Yellow Warbler	342.00	0	0.00%
Palisades	Bald Eagle (breeding)	5941.00	3,329	56.00%
Palisades	Bald Eagle (wintering)	18565.00	7,063	38.00%
Palisades	Black-capped Chickadee	1358.00	480	35.30%
Palisades	Canada Goose	805.00	388	48.20%
Palisades	Mallard	2622.00	598	22.80%
Palisades	Mink	2276.00	653	28.70%
Palisades	Mule Deer	2454.00	2,605	106.20%
Palisades	Ruffed Grouse	2331.00	808	34.70%
Palisades	Yellow Warbler	718.00	169	23.50%
The Dalles OR	Black-capped Chickadee	91.00	0	0.00%
The Dalles OR	Canada Goose	220.00	0	0.00%
The Dalles OR	Great Blue Heron	213.00	0	0.00%
The Dalles OR	Lesser Scaup	0.00	0	0.00%
The Dalles OR	Mink	165.00	0	0.00%
The Dalles OR	Spotted Sandpiper	267.00	0	0.00%
The Dalles OR	Western Meadowlark	124.00	0	0.00%

Table 10: Wildlife Habitat Units by Dam and Species, 1978 Through February, 2008

Dam	Wildlife Species	Habitat Units Lost	Habitat Units Acquired	Percent Completed
The Dalles OR	Yellow Warbler	85.00	0	0.00%
The Dalles WA	Black-capped Chickadee	91.00	147	161.50%
The Dalles WA	Canada Goose	220.00	0	0.00%
The Dalles WA	Great Blue Heron	213.00	0	0.00%
The Dalles WA	Lesser Scaup	0.00	0	0.00%
The Dalles WA	Mink	165.00	125	75.80%
The Dalles WA	Spotted Sandpiper	267.00	0	0.00%
The Dalles WA	Western Meadowlark	124.00	57	46.00%
The Dalles WA	Yellow Warbler	85.00	0	0.00%

Table 10A: Habitat Losses by Dam

Dam	Habitat Units Lost	Habitat Units Acquired (protected and enhanced)
Upper Snake		
Anderson Ranch	9,619	1,083
Black Canyon	2,170	57
Minidoka	10,503	1,744
Palisades	37,070	16,093
Upper Columbia		
Albeni Falls	28,658	9,872
Chief Joseph	8,833	3,222
Grand Coulee	111,785	120,865
Lower Columbia		
Bonneville	12,318	1,461
The Dalles	2,330	329
John Day	36,560	25,076
McNary	23,544	41,855
Lower Snake (four dams)	26,775	25,919
Willamette (seven dams)		
Big Cliff	413	32
Cougar	11,124	511
Detroit	11,298	200
Dexter	6,648	196
Foster	3,544	96
Green Peter	16,432	0
Hills Creek	19,489	1,565
Lookout Point	25,454	1,296
Willamette	94,402	3,896
Grand Total	404,567	251,472

Table 11A: Wildlife Acquisition Costs by Agency, 1978 Through February, 2008

Agency Name	Cost
Burns-Paiute Tribe	\$ 3,700,000.00
Coeur D'Alene Tribe	\$ 2,200,000.00
Colville Confederated Tribes	\$ 19,232,127.00
Confederated Tribes Of Warm Springs	\$ 3,200,000.00
Idaho Department of Fish and Game (IDFG)	\$ 16,923,973.00
Nature Conservancy	\$ 7,353,105.00
Nez Perce Tribe	\$ 4,529,388.00
Oregon Department Of Fish and Wildlife (ODFW)	\$ 3,792,736.00
Shoshone-Bannock Tribes	\$ 2,982,000.00
Spokane Tribe	\$ 4,714,084.00
Umatilla Confederated Tribes (CTUIR)	\$ 7,389,151.00
US Fish and Wildlife Service (USFWS)	\$ 3,741,677.00
US Forest Service (USFS)	\$ -
Washington Department of Fish and Wildlife (WDFW)	\$ 8,574,874.00
Yakama Confederated Tribes	\$ 8,099,979.00
Grand Total	\$ 96,433,094.00

Table 11C Wildlife Expenditures for Individual Tracts, 1978-2008.

Wildlife Site	Tract	BPA Acres Prot	BPA Purchase Co	Purchase Type
Asotin Creek - BPA	Schlee	8500	\$ 3,000,000.00	Fee Title
Asotin Creek - WDFW	Bickford	1646	\$ -	No purchase (enhancement only)
Beaver Lake	Beaver Lake	252	\$ -	Fee Title
Beaver Lake	North Eaton Lake	90	\$ 325,837.00	Fee Title
Beaver Lake	South Eaton Lake	80	\$ -	Fee Title
Beaver Lake	West Beaver Lake	40	\$ 176,265.00	Fee Title
Big Cottonwood WMA	Big Cottonwood	230	\$ -	No purchase (enhancement only)
Big Island	Thurston & Whitney	108	\$ 242,955.00	Easement
Blue Creek Winter Range	Allotment 322	78	\$ 42,237.00	Fee Title
Blue Creek Winter Range	Blue Creek (Land Swap)	701	\$ -	Exchange
Blue Creek Winter Range	Blue Creek (Tribal Contribution)	36	\$ -	None/unknown
Boise River WMA	Krueger	166	\$ 332,500.00	Fee Title
Boundary Creek WMA	Boundary Creek	1405	\$ 672,885.00	Fee Title
Boundary Creek WMA	Deep Creek	40	\$ -	No purchase (enhancement only)
Boundary Creek WMA	Smith Creek	620	\$ -	No purchase (enhancement only)
Burlington Bottoms	Burlington Bottoms	417	\$ 700,000.00	Fee Title
Calispell Creek	Calispell Creek - Northeast	170	\$ -	None/unknown
Calispell Creek	Calispell Creek - Northwest	418	\$ -	None/unknown
Camas Prairie	Rice Property	1364	\$ 1,075,228.00	Fee Title
Canby Landing	Canby Property	23	\$ 250,000.00	Fee Title
Carey Creek	Carey Creek	117	\$ 450,500.00	Fee Title
Coburg Ridge	Coburg Ridge	1244	\$ 4,900,500.00	Easement
Coeur d'Alene River	Cougar Creek	163	\$ -	None/unknown
Cottonwood	Allotment 1073	80	\$ 115,000.00	Fee Title
Cottonwood	Allotment 1074-Hill	120	\$ 178,000.00	Fee Title
Cottonwood	Allotment 1074-Mercer	100	\$ 178,000.00	Fee Title
Cottonwood	Allotment 13-B	60	\$ 109,000.00	Fee Title
Cottonwood	Allotment 314	80	\$ 138,000.00	Fee Title
Cottonwood	Allotment 599	100	\$ 261,000.00	Fee Title
Deer Parks WMU	Allen	81	\$ 283,800.00	Fee Title
Deer Parks WMU	BeaverDick (Kinghorn II)	310	\$ 465,000.00	Fee Title
Deer Parks WMU	Boyle Ranch	2556	\$ 5,200,000.00	Fee Title
Deer Parks WMU	Horkley	128	\$ 336,000.00	Fee Title
Deer Parks WMU	Menan (Kinghorn I)	140	\$ 220,350.00	Fee Title
Desert	Desert - WDFW	1000	\$ -	No purchase (enhancement only)
Eastern Idaho	Palisades Noxious Weed	0	\$ -	No purchase (enhancement only)
Fox Creek	Kieffer	40	\$ 64,000.00	Fee Title
Fox Creek	Smith	160	\$ 320,000.00	Fee Title
Gamblin Lake	Gamblin Lake	156	\$ -	None/unknown
Green Island	Green Island	856	\$ 1,052,826.00	Fee Title
Hellgate Winter Range	Agency Butte (Colville Tribal Land)	2388	\$ -	No purchase (enhancement only)
Hellgate Winter Range	Berg	5672	\$ 2,000,000.00	Easement
Hellgate Winter Range	Bill Kuenhe	4805	\$ 2,275,000.00	Fee Title
Hellgate Winter Range	Colville Allotments	80	\$ -	No purchase (enhancement only)
Hellgate Winter Range	Covington	129	\$ 68,000.00	Fee Title
Hellgate Winter Range	Friedlander	60	\$ 47,116.00	Fee Title
Hellgate Winter Range	Graves	2730	\$ 657,403.00	Fee Title
Hellgate Winter Range	Henry Kuehne	4800	\$ 3,000,000.00	Fee Title
Hellgate Winter Range	Hinman	770	\$ 139,608.00	Fee Title
Hellgate Winter Range	Nespelem Bend	516	\$ 95,000.00	Fee Title
Hellgate Winter Range	Rattlesnake	10293	\$ 5,600,000.00	Fee Title
Hellgate Winter Range	Redford Canyon	215	\$ 175,000.00	Fee Title
Hellgate Winter Range	Sand Hills	1400	\$ 575,000.00	Fee Title
Hellgate Winter Range	Tumwater (Joy)	18812	\$ 4,600,000.00	Easement
hnt'k'wipn (Place of Beginning)	Upper Hangman Creek	1382	\$ 2,200,000.00	Fee Title
Iskuulpa	Iskuulpa	5937	\$ 2,260,625.00	Fee Title
Kootenai River Flood Plain	Trout Creek Peninsula	112	\$ 155,000.00	Fee Title
Kruse Pine Creek Easement	Pine Creek (Kruse)	800	\$ 310,000.00	Easement
Ladd Marsh	Conley Lake	160	\$ 149,500.00	Fee Title
Ladd Marsh	North City	75	\$ -	Fee Title
Ladd Marsh	Simonis	375	\$ 539,000.00	Fee Title
Ladd Marsh	Wallender	309	\$ 298,000.00	Fee Title
Lake Creek	Windy Bay	148	\$ -	None/unknown
Little Pend Oreille NWR	Kaniksu Addition	706	\$ 313,000.00	Fee Title
Little Pend Oreille NWR	Weir	200	\$ 275,707.00	Fee Title
Logan Valley	Logan Valley	1760	\$ 2,000,000.00	Fee Title
Lower Yakima Wetlands	Bailey	40	\$ 239,620.00	Fee Title
Lower Yakima Wetlands	Buena	157	\$ 107,425.00	Mix
Lower Yakima Wetlands	Campbell	360	\$ 561,170.00	Mix
Lower Yakima Wetlands	Dry Creek	160	\$ 8,750.00	Lease
Lower Yakima Wetlands	East 80 Pumphouse	78	\$ 58,875.00	Easement
Lower Yakima Wetlands	Garcia	82	\$ 4,500.00	Lease
Lower Yakima Wetlands	Island Road	243	\$ -	None/unknown
Lower Yakima Wetlands	L. Satus Creek	409	\$ -	None/unknown
Lower Yakima Wetlands	Lawrence	81	\$ -	None/unknown

Table 11C Wildlife Expenditures for Individual Tracts, 1978-2008.

Wildlife Site	Tract	BPA Acres Protected	BPA Purchase Cost	Purchase Type
Lower Yakima Wetlands	Lawrence I (J. Lawrence)	61	\$ -	None/unknown
Lower Yakima Wetlands	Lawrence II	40	\$ -	None/unknown
Lower Yakima Wetlands	Lower Satus	3694	\$ 1,003,150.00	Mix
Lower Yakima Wetlands	Meninick	428	\$ 713,875.00	Mix
Lower Yakima Wetlands	Meninick North	1052	\$ -	None/unknown
Lower Yakima Wetlands	Meninick South	68	\$ -	None/unknown
Lower Yakima Wetlands	Mill Creek North	159	\$ 256,450.00	Mix
Lower Yakima Wetlands	Mill Creek South	165	\$ 256,450.00	Easement
Lower Yakima Wetlands	Mosebar Pond	432	\$ 321,142.00	Mix
Lower Yakima Wetlands	North Satus	722	\$ 193,100.00	Mix
Lower Yakima Wetlands	Old Goldendale	184	\$ 175,075.00	Easement
Lower Yakima Wetlands	Olney Drain	451	\$ 122,875.00	Easement
Lower Yakima Wetlands	Parker	36	\$ 8,450.00	Lease
Lower Yakima Wetlands	Plank	685	\$ -	None/unknown
Lower Yakima Wetlands	Plank Road (East Plank)	168	\$ 129,425.00	Mix
Lower Yakima Wetlands	Satus	4474	\$ 1,202,705.00	Mix
Lower Yakima Wetlands	Satus Corridor	2718	\$ 127,200.00	Lease
Lower Yakima Wetlands	Shuster Road	667	\$ 315,250.00	Mix
Lower Yakima Wetlands	South Barkes Rd.	75	\$ 45,000.00	Lease
Lower Yakima Wetlands	Sunnyside Dam	22	\$ 62,500.00	Lease
Lower Yakima Wetlands	T 2126	95	\$ -	None/unknown
Lower Yakima Wetlands	T 3669	116	\$ -	None/unknown
Lower Yakima Wetlands	T 4433	44	\$ -	None/unknown
Lower Yakima Wetlands	T 565	80	\$ -	None/unknown
Lower Yakima Wetlands	T 570	73	\$ -	None/unknown
Lower Yakima Wetlands	Tillman	79	\$ 130,338.00	Fee Title
Lower Yakima Wetlands	Toppenish Creek Pumphouse	1236	\$ 785,904.00	Mix
Lower Yakima Wetlands	Wanity Slough	361	\$ 218,250.00	Mix
Lower Yakima Wetlands	Wapato	770	\$ 227,500.00	Mix
Lower Yakima Wetlands	South Lateral A (Zimmerman)	414	\$ 825,000.00	Fee Title
Malheur River	Malheur River BLM allotment	34022	\$ -	None/unknown
Malheur River	Malheur River Ranch (Denny Jones)	6385	\$ 1,700,000.00	Fee Title
Malheur River	Malheur River State Lands Lease	4355	\$ -	None/unknown
Mathews Lake	Allotment 483-B	70	\$ 110,000.00	Fee Title
McCoy Lake	Allotment 401-A	35	\$ 19,530.00	Fee Title
McCoy Lake	Etue	74	\$ 148,720.00	Fee Title
McCoy Lake	Gribner Swap	80	\$ 56,649.00	Fee Title
McCoy Lake	Harris	180	\$ 194,940.00	Fee Title
McCoy Lake	Kenworthy	40	\$ 62,317.00	Fee Title
McCoy Lake	Lantzy East	81	\$ 60,744.00	Fee Title
McCoy Lake	Lantzy West	124	\$ 116,243.00	Fee Title
McCoy Lake	Parson East	201	\$ 480,220.00	Fee Title
McCoy Lake	Parson West	301	\$ 310,142.00	Fee Title
McCoy Lake	People	317	\$ 498,000.00	Fee Title
McCoy Lake	People (Tribal)	123	\$ 139,213.00	Fee Title
McCoy Lake	Sampson	566	\$ 577,629.00	Fee Title
McCoy Lake	Yepa	35	\$ 45,500.00	Fee Title
Moyie Springs	Perkins Lake	99	\$ 200,000.00	Fee Title
Muddy Cr / Marys River	Muddy Cr / Marys River	222	\$ 387,500.00	Fee Title
Pend Oreille Wetlands I	Flying Goose Ranch	436	\$ -	None/unknown
Pend Oreille Wetlands II	Flying Goose Ranch II	156	\$ -	None/unknown
Pend Oreille WMA	Albeni Cove	70	\$ 126,208.00	Fee Title
Pend Oreille WMA	Carter's Island	96	\$ 288,000.00	Fee Title
Pend Oreille WMA	Cocolalla Lake	98	\$ 290,500.00	Fee Title
Pend Oreille WMA	Denton Slough	17	\$ 44,000.00	Fee Title
Pend Oreille WMA	Derr Creek	240	\$ 511,000.00	Fee Title
Pend Oreille WMA	Ginter 1	101	\$ -	None/unknown
Pend Oreille WMA	Gold Creek	310	\$ 2,325,000.00	Fee Title
Pend Oreille WMA	Lower Pack River	30	\$ 42,500.00	Fee Title
Pend Oreille WMA	Lower St. Joe	62	\$ -	None/unknown
Pend Oreille WMA	Lui Lot	1	\$ -	None/unknown
Pend Oreille WMA	Rapid Lightening	110	\$ 219,900.00	Fee Title
Pend Oreille WMA	Sheilds	41	\$ -	None/unknown
Pend Oreille WMA	Trout Creek	216	\$ 875,500.00	Fee Title
Pend Oreille WMA	Westmond Lake	65	\$ 118,000.00	Fee Title
Pine Creek	Pine Creek	25146	\$ 3,200,000.00	Fee Title
Precious Lands WMA	ODL #1	760	\$ 228,486.00	Fee Title
Precious Lands WMA	ODL #2	201	\$ 50,378.00	Fee Title

Table 11C Wildlife Expenditures for Individual Tracts, 1978-2008.

Wildlife Site	Tract	BPA Acres Protected	BPA Purchase Cost	Purchase Type
Precious Lands WMA	Precious Lands - Beach	1541	\$ 628,254.00	Fee Title
Precious Lands WMA	Precious Lands - Gramm	5	\$ 11,360.00	Fee Title
Precious Lands WMA	Precious Lands - Helm Tract	10306	\$ 2,625,657.00	Fee Title
Precious Lands WMA	Precious Lands - Jackman	3473	\$ 985,253.00	Fee Title
Priest River	Big Meadow	620	\$ -	None/unknown
Priest River	Priest River	63	\$ 49,500.00	Fee Title
Rainwater Ranch	Rainwater Ranch	8768	\$ 4,085,550.00	Fee Title
Rudeen	Rudeen	2450	\$ 1,700,000.00	Fee Title
Sage Flat - BPA	Chester Butte (MJM Ranch)	2206	\$ 285,887.00	Fee Title
Sage Flat - BPA	Dormaier	320	\$ 100,545.00	Fee Title
Sage Flat - BPA	West Foster (Smith)	1974	\$ 671,154.00	Fee Title
Sage Flat - WDFW	Pygmy Rabbit CRMP - DNR	3600	\$ 421,637.00	Fee Title
Sage Flat - WDFW	Sagebrush Flat (Douglas County Pygmy Rabbit)	240	\$ -	None/unknown
Sand Creek	Sand Creek	80	\$ -	None/unknown
Sandy River Delta	Sandy River Delta	0	\$ -	No purchase (enhancement only)
Scotch Creek - BPA	Happy Hill (Brown)	61	\$ 63,813.00	Fee Title
Scotch Creek - BPA	Tunk (Fisher, Crawfish Lake, and A&M Northland)	320	\$ -	None/unknown
Scotch Creek - WDFW	Scotch Creek - WDFW	15084	\$ -	No purchase (enhancement only)
Soda Hills	Soda Springs Hills	2563	\$ 1,282,000.00	Fee Title
Sorenson	Sorenson	42	\$ 172,955.00	Fee Title
St. Maries	Benawah Creek	411	\$ -	None/unknown
St. Maries	Goose Haven Lake	648	\$ -	None/unknown
Steigerwald Lake NWR	Bliss	9	\$ 110,000.00	Fee Title
Steigerwald Lake NWR	Burlington Northern	27	\$ 139,000.00	Fee Title
Steigerwald Lake NWR	James	90	\$ 594,000.00	Fee Title
Steigerwald Lake NWR	Straub	191	\$ 872,852.00	Fee Title
Sunnyside - WDFW	Sunnyside - WDFW	0	\$ -	None/unknown
Swanson Lakes - BPA	Swanson Lakes - BPA	14840	\$ -	None/unknown
Swanson Lakes - WDFW	Swanson Lakes - WDFW	5225	\$ -	None/unknown
Tacoma Creek	Tacoma Creek - North	437	\$ 535,000.00	Fee Title
Tacoma Creek	Tacoma Creek - South	94	\$ -	None/unknown
Tex Creek WMA	Quarter Circle	2135	\$ 260,000.00	Fee Title
Trimble Creek	Lower Trimble Creek	450	\$ 506,000.00	Fee Title
Trimble Creek	Upper Trimble Creek - North	241	\$ -	None/unknown
Trimble Creek	Upper Trimble Creek - South	303	\$ 304,500.00	Fee Title
Tshimikain	Allotment 283-A	73	\$ 77,000.00	Fee Title
Tualatin River NWR	Oleson Tract I & II	227	\$ 1,437,118.00	Fee Title
Vancouver Lowlands	Vancouver Lowlands - BPA	0	\$ -	None/unknown
Vancouver Lowlands	Vancouver Lowlands - WDFW	0	\$ -	None/unknown
Vancouver Lowlands	Vancouver Lowlands (Shillapoo) - ALCOA Aluminum	142	\$ 5,643.00	Exchange
Vancouver Lowlands	Vancouver Lowlands (Shillapoo) - ALCOA Phase I	281	\$ 321,950.00	Fee Title
Vancouver Lowlands	Vancouver Lowlands (Shillapoo) - ALCOA Phase II	315	\$ 305,811.00	Fee Title
Vancouver Lowlands	Vancouver Lowlands (Shillapoo) - Chapman Island	60	\$ -	Fee Title
Vancouver Lowlands	Vancouver Lowlands (Shillapoo) - Egger Farms	454	\$ 1,011,909.00	Fee Title
Vancouver Lowlands	Vancouver Lowlands (Shillapoo) - Legislature	199	\$ 397,600.00	Fee Title
Vancouver Lowlands	Vancouver Lowlands (Shillapoo) - Shillapoo /McBride	277	\$ 42,218.00	Fee Title
Vancouver Lowlands	Vancouver Lowlands (Shillapoo) - TPL/Egger	612	\$ 1,740,657.00	Fee Title
Vancouver Lowlands	Vancouver Lowlands (Shillapoo) - Vancouver Lake	170	\$ -	Fee Title
Vancouver Lowlands	Vancouver Lowlands (Shillapoo) - Wilson	60	\$ 206,050.00	Fee Title
Wanaket	Wanaket (Conforth Ranch)	2765	\$ 1,042,976.00	Fee Title
Wellpinit Mtn WA	Allotment 1052	79	\$ 56,000.00	Easement
Wellpinit Mtn WA	Allotment 154	149	\$ 146,000.00	Fee Title
Wellpinit Mtn WA	Allotment 65-C	40	\$ 47,000.00	Fee Title
Wellpinit Mtn WA	Allotment 67-B	80	\$ 83,000.00	Fee Title
Wellpinit Mtn WA	Allotment 86	40	\$ 80,000.00	Fee Title
Wenas WA	Wenas - BPA	0	\$ -	None/unknown
Wenas WA	Wenas - Burke	1	\$ -	(blank)
Wenas WA	Wenas - WDFW	0	\$ -	None/unknown
Western Pond Turtle	Headstart Program	0	\$ -	No purchase (enhancement only)
Willow Creek	Willow Creek	350	\$ 1,058,000.00	Fee Title
Willow Creek	Willow Creek/Cuddeback	165	\$ 1,394,605.00	Fee Title
Winterfeld Easement	Winterfeld	422	\$ 225,000.00	Easement
Grand Total			\$ 96,433,094.00	

Source: Bonneville Power Administration

Table 12 Wildlife Expenditures by Province, 1978-February 2008.

Province	Subbasin	WL Site	Acres Protected	Purchase Type
Blue Mountain	Grande Ronde	Ladd Marsh	919	Fee Title
	Grande Ronde	Precious Lands WMA	16286	Fee Title
	Grande Ronde	Rainwater Ranch	8768	Fee Title
Cascade Columbia	Grande Ronde	Wanaket	2765	Fee Title
	Okanogan	Asotin Creek - BPA	8500	Fee Title
	Okanogan	Asotin Creek - WDFW	1646	No purchase (enhancement only)
	Okanogan	Scotch Creek - BPA	61	Fee Title
	Okanogan	Scotch Creek - BPA	320	None/unknown
	Okanogan	Scotch Creek - WDFW	15084	No purchase (enhancement only)
	Okanogan	Sunnyside - WDFW	0	None/unknown
Columbia Gorge	Okanogan	Wenas WA	0	None/unknown
	Columbia Gorge	Western Pond Turtle		No purchase (enhancement only)
Columbia Plateau	Columbia Lower Middle	Sage Flat - BPA	4500	Fee Title
	Columbia Lower Middle	Sage Flat - WDFW	3600	Fee Title
Intermountain	Columbia Lower Middle	Sage Flat - WDFW	240	None/unknown
	Crab	Desert	1000	No purchase (enhancement only)
	Crab	Little Pend Oreille NWR	906	Fee Title
	Crab	Steigerwald Lake NWR	317	Fee Title
	Crab	Swanson Lakes - BPA	14840	None/unknown
	Crab	Swanson Lakes - WDFW	5225	None/unknown
	John Day	Pine Creek	25146	Fee Title
	Umatilla	Iskuulpa	5937	Fee Title
	Yakima	Lower Yakima Wetlands	878	Easement
	Yakima	Lower Yakima Wetlands	119	Fee Title
	Yakima	Lower Yakima Wetlands	3093	Lease
	Yakima	Lower Yakima Wetlands	13628	Mix
	Yakima	Lower Yakima Wetlands	3047	None/unknown
	Yakima	Lower Yakima Wetlands - South Lateral A	414	Fee Title
	Pend Oreille	Beaver Lake	462	Fee Title
	Pend Oreille	Boundary Creek WMA	1405	Fee Title
	Pend Oreille	Boundary Creek WMA	660	No purchase (enhancement only)
	Pend Oreille	Calispell Creek	588	None/unknown
	Pend Oreille	Carey Creek	117	Fee Title
	Pend Oreille	Coeur d'Alene River	163	None/unknown
	Pend Oreille	Gamblin Lake	156	None/unknown
	Pend Oreille	Kootenai River Flood Plain	112	Fee Title
	Pend Oreille	Lake Creek	148	None/unknown
	Pend Oreille	Moyie Springs	99	Fee Title
	Pend Oreille	Pend Oreille Wetlands I (Flying Goose Ranch I)	436	None/unknown
	Pend Oreille	Pend Oreille Wetlands II (Flying Goose Ranch II)	156	None/unknown
	Pend Oreille	Pend Oreille WMA	1252	Fee Title
Pend Oreille	Pend Oreille WMA	205	None/unknown	
Pend Oreille	Priest River	63	Fee Title	
Pend Oreille	Priest River	620	None/unknown	
Pend Oreille	Sand Creek	80	None/unknown	
Pend Oreille	St. Maries	1059	None/unknown	
Pend Oreille	Tacoma Creek	437	Fee Title	
Pend Oreille	Tacoma Creek	94	None/unknown	
Pend Oreille	Trimble Creek	753	Fee Title	
Pend Oreille	Trimble Creek	241	None/unknown	
San Poil	Hellgate Winter Range	24484	Easement	
San Poil	Hellgate Winter Range	25718	Fee Title	
San Poil	Hellgate Winter Range	2468	No purchase (enhancement only)	
Spokane	Blue Creek Winter Range	701	Exchange	
Spokane	Blue Creek Winter Range	78	Fee Title	
Spokane	Blue Creek Winter Range	36	None/unknown	
Spokane	Cottonwood	540	Fee Title	
Spokane	Fox Creek	200	Fee Title	
Spokane	hnt'k'wipn (Place of Beginning)	1382	Fee Title	
Spokane	Matthews Lake	70	Fee Title	
Spokane	McCoy Lake	2157	Fee Title	
Spokane	Tshimikain	73	Fee Title	
Spokane	Wellpinit Mtn WA	79	Easement	
Spokane	Wellpinit Mtn WA	309	Fee Title	

Table 12 Wildlife Expenditures by Province, 1978-February 2008.

Province	Subbasin	WL Site	Acres Protected	Purchase Type
Lower Columbia	Columbia Lower	Vancouver Lowlands	142	Exchange
	Columbia Lower	Vancouver Lowlands	2428	Fee Title
	Columbia Lower	Vancouver Lowlands	0	None/unknown
	Sandy	Sandy River Delta		No purchase (enhancement only)
	Willamette	Big Island	108	Easement
	Willamette	Burlington Bottoms	417	Fee Title
	Willamette	Canby Landing	23	Fee Title
	Willamette	Coburg Ridge	1244	Easement
	Willamette	Green Island	856	Fee Title
	Willamette	Muddy Cr / Marys River	222	Fee Title
	Willamette	Sorenson	42	Fee Title
	Willamette	Tualatin River NWR	227	Fee Title
	Willamette	Willow Creek	515	Fee Title
	Middle Snake	Boise	Boise River WMA	166
Boise		Camas Prairie	1364	Fee Title
Malheur		Logan Valley	1760	Fee Title
Malheur		Malheur River	6385	Fee Title
Malheur		Malheur River	38377	None/unknown
Upper Snake	Snake Upper	Big Cottonwood WMA	230	No purchase (enhancement only)
	Snake Upper	Deer Parks WMU	3215	Fee Title
	Snake Upper	Eastern Idaho		No purchase (enhancement only)
	Snake Upper	Kruse Pine Creek Easement	800	Easement
	Snake Upper	Rudeen	2450	Fee Title
	Snake Upper	Soda Hills	2563	Fee Title
	Snake Upper	Tex Creek WMA	2135	Fee Title
	Snake Upper	Winterfeld Easement	<u>422</u>	Easement
Grand Total			270,931	



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