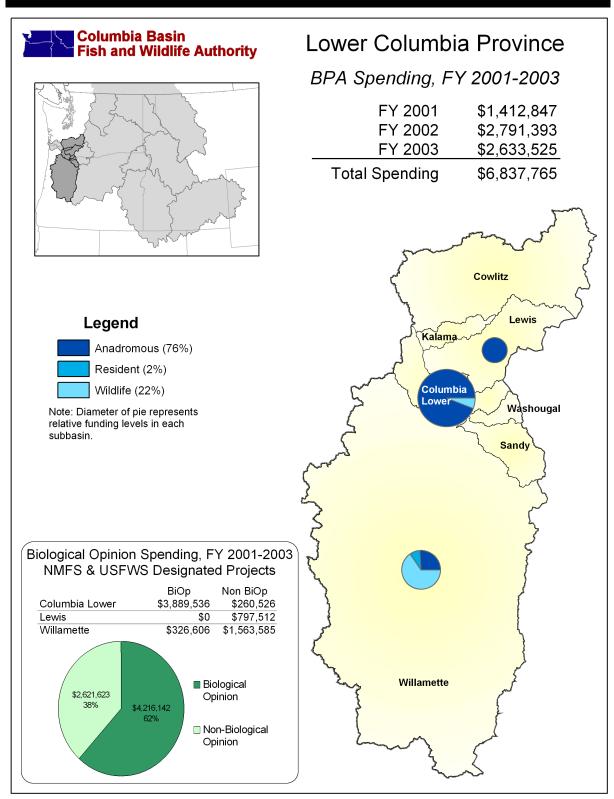
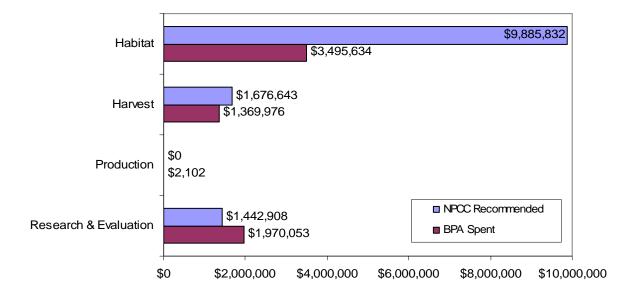
Lower Columbia Province

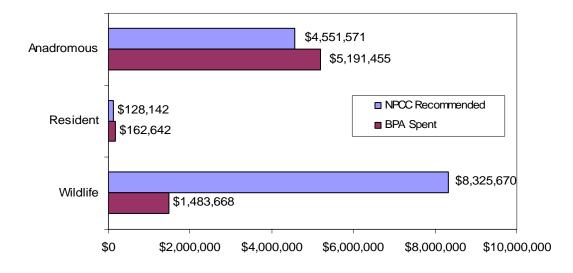


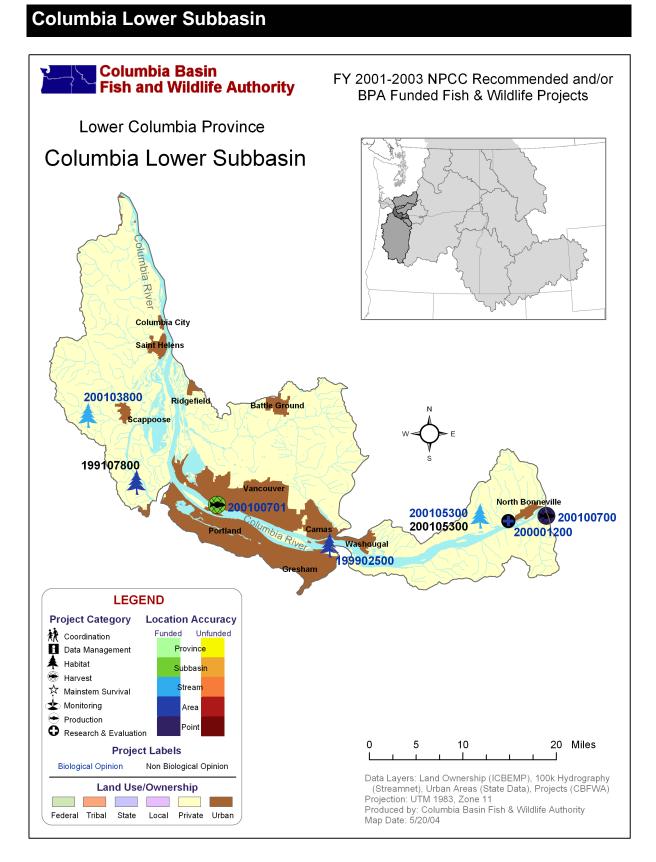
Lower Columbia Province FY 2001-2003 Spending Summaries

NPCC Recommendations and BPA Spending by Project Category, FY01-03



NPCC Recommendations and BPA Spending by Project Type, FY01-03

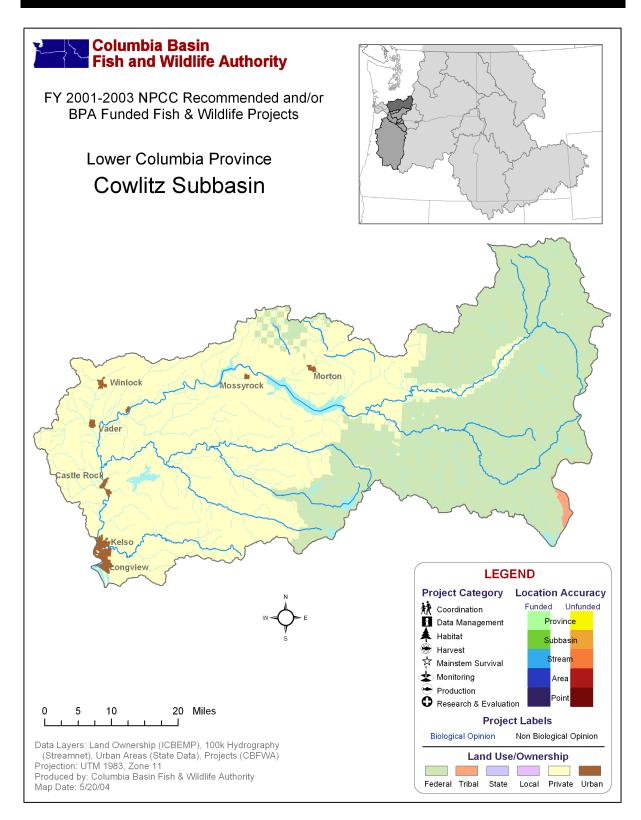




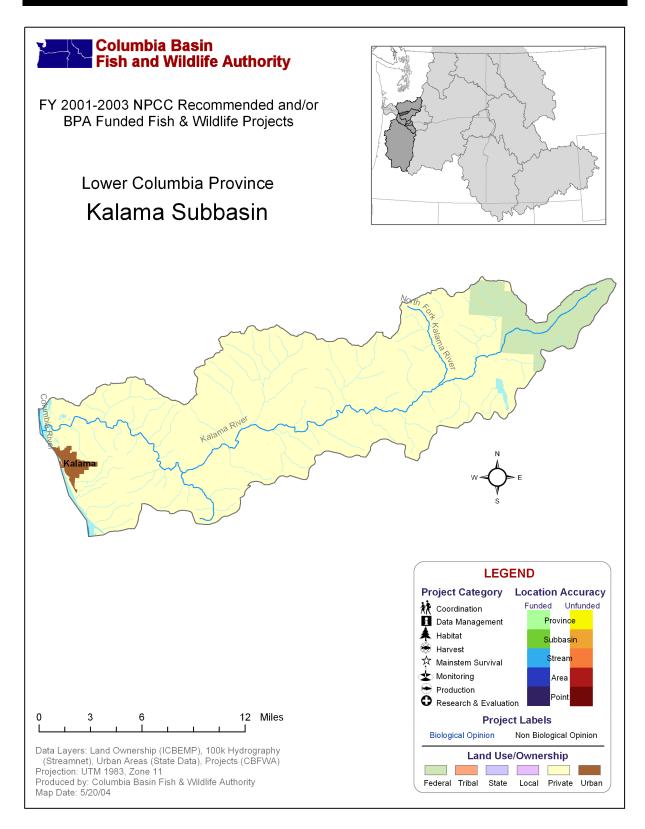
Projects in the Columbia Lower Subbasin

Project ID		Project Title					Review Cycle	
199107800	Burlington Bottoms Wildlife Mitigation Project					Lower Columbia		no
Rec 00-	03		\$120,932	\$125,041	\$110,000	Туре	Category	Accuracy
Spent 01-	03		\$65,290	\$82,115	\$99,798	Wildlife	Habitat	area
199902500		dy River Delta ary Restoratio	a Riparian Fores	t, Wetlands, a	nd Anadrom	ous Lower C	Columbia	yes
Rec 00-	03		\$145,500	\$150,447	\$155,562	Туре	Category	Accuracy
Spent 01-	03		\$ 0	\$302,778	\$139,640	Anadromous	Habitat	area
200001200	0001200 Evaluate Factors Limiting Columbia River Gorge Chum Salmon Populations Lower Columbia							
Rec 00-	03		\$238,704	\$246,819	\$255,211	Туре	Category	Accuracy
Spent 01-	03		\$302,950	\$460,129	\$246,820	Anadromous	Research & Evaluation	area
200100700		Evaluate Live Capture Selective Harvest Methods for Commer- cial Fisheries on the Columbia River FY01 High Priority						
Rec 00-	03		\$ 0	\$ 0	\$633,000	Туре	Category	Accuracy
Spent 01-	03		\$ 0	\$ 0	\$697,980	Anadromous	Harvest	point
200100701		Evaluate live capture selective harvest methods for commercial fisheries on the Columbia River (High Priority) FY01 High Priority						
Rec 00-	03		\$384,285	\$659,358	\$ 0	Туре	Category	Accuracy
Spent 01-	03		\$210,068	\$421,575	\$40,353	Anadromous	Harvest	subbasin
200103800	Gourley Creek Dam Fish Ladder				FY01 H	igh Priority	yes	
Rec 00-	03		\$200,119	\$ 0	\$ 0	Туре	Category	Accuracy
Spent 01-	03		\$ 0	\$195,800	\$ 3,260	Anadromous	Habitat	stream
200105300		Re-introduction of Lower Columbia River Chum Salmon into Duncan Creek						
Rec 00-	03		\$ 0	\$ 0	\$381,671	Туре	Category	Accuracy
Spent 01-	03		\$ 0	\$448,636	\$419,547	Anadromous	Habitat	stream
200105300	5300Re-introduction of Lower Columbia River Chum Salmon into Duncan CreekFY01 High Priority							no
Rec 00-	-03		\$ 0	\$ 0	\$ 0	Туре	Category	Accuracy
Spent 01-	03		\$ 0	\$13,323	\$ 0	Anadromous	Habitat	stream

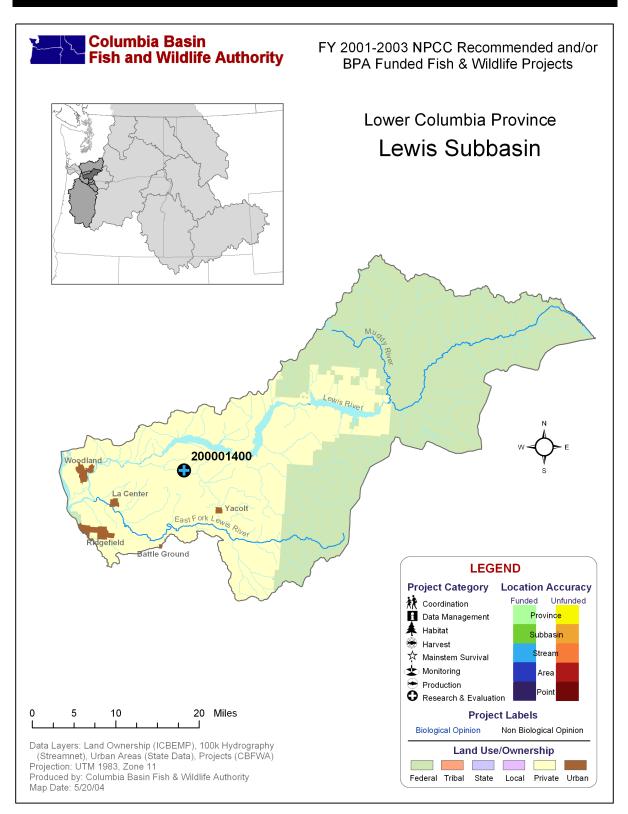
Cowlitz Subbasin



Kalama Subbasin



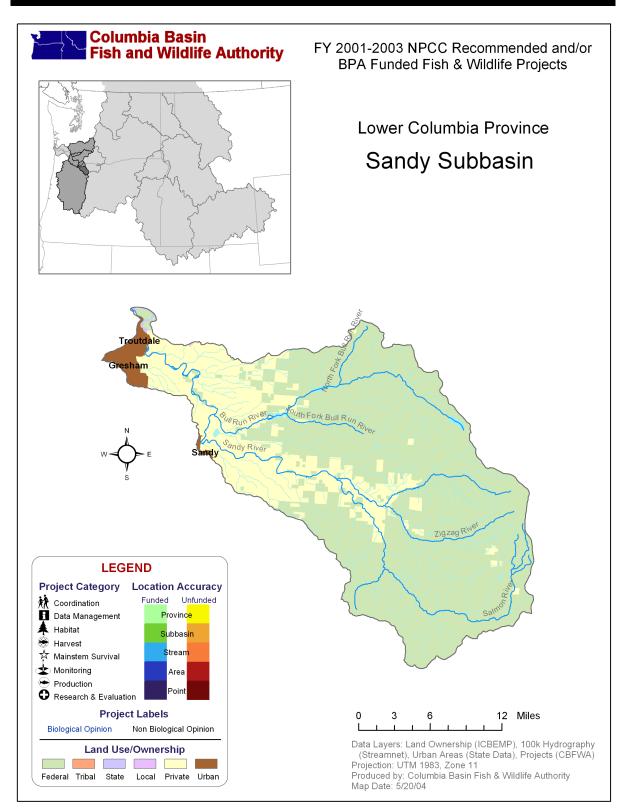
Lewis Subbasin



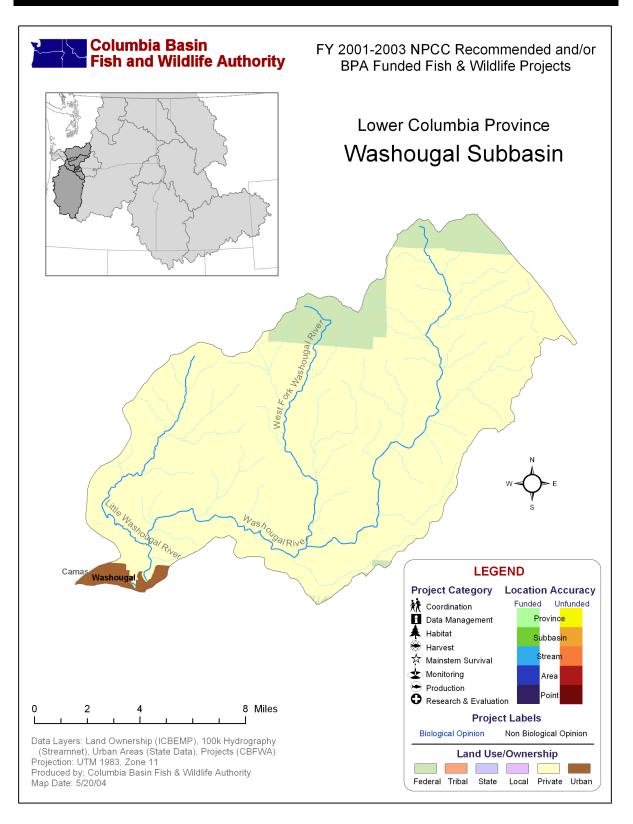
Projects in the Lewis Subbasin

Project ID	Project Title						iew Cycle	BiOp?	
200001400		Evaluate Habitat Use and Population Dynamics of Lampreys in Cedar Creek							
Rec 00-	03		\$185,000	\$191,290	\$197,742	Туре	Category	Accuracy	
Spent 01-	03		\$170,840	\$368,688	\$257,984	Anadromous	Research & Evaluation	stream	

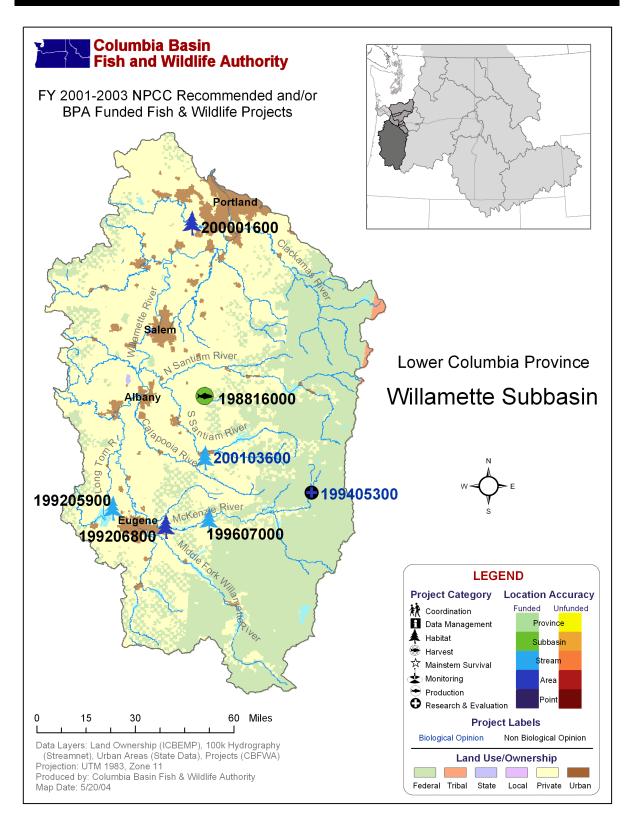
Sandy Subbasin



Washougal Subbasin



Willamette Subbasin



Projects in the Willamette Subbasin

Project ID	Project Title					Rev	iew Cycle	BiOp?
198816000	Willamette Hatchery Oxygen Supplementation					FY 2000	FY 2000	
Rec 00-0	03		\$ 0	\$ 0	\$ 0	Туре	Category	Accuracy
Spent 01-0	03		\$ 2,102	\$ 0	\$ 0	Anadromous	Production	subbasin
199205900	Amazon Basin/Eugene Wetlands Phase Two Lower C					Columbia	no	
Rec 00-0	03		\$493,373	\$510,146	\$60,650	Туре	Category	Accuracy
Spent 01-0	03		\$43,927	\$58,112	\$84,172	Wildlife	Habitat	stream
199206800	Imp	Implement Willamette Basin Mitigation Program				Lower C	Lower Columbia	
Rec 00-0	03		\$2,619,237	\$2,708,291	\$938,500	Туре	Category	Accuracy
Spent 01-0	03		\$479,133	\$238,917	\$286,805	Wildlife	Habitat	area
199405300Middle Fork Willamette River Bull Trout Re-introduction and Basinwide MonitoringLower Columbia							yes	
Rec 00-0	03		\$63,000	\$65,142	\$ 0	Туре	Category	Accuracy
Spent 01-03			\$52,432	\$50,005	\$60,205	Resident	Research & Evaluation	area
199607000	McKenzie River Focus Watershed Program Coordination and Habitat Restoration							no
Rec 00-0	03		\$115,000	\$118,910	\$122,953	Туре	Category	Accuracy
Spent 01-0	03		\$86,105	\$119,530	\$119,383	Anadromous	Habitat	stream
200001600	Protect and Enhance Tualatin River National Wildlife Refuge Additions						Columbia	no
Rec 00-0	03		\$274,250	\$274,250	\$91,000	Туре	Category	Accuracy
Spent 01-0	03		\$ 0	\$ 5,699	\$39,700	Wildlife	Habitat	area
200103600	Ames Creek Restoration					FY01 H	igh Priority	yes
Rec 00-0	03		\$170,000	\$ 0	\$ 0	Туре	Category	Accuracy
Spent 01-0	03		\$ 0	\$26,086	\$137,878	Anadromous	Habitat	stream

Projects in **bold** have preliminary results data included in this report.

199405300—Middle Fork Willamette River Bull Trout Reintroduction and Basinwide Monitoring

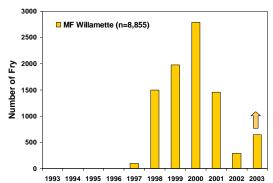
2002 Project Objectives

• Determine distribution, population size, and life history characteristics of bull trout in the Middle Fork Willamette and McKenzie River basins.

Middle Fork Willamette River Monitoring - Preliminary Results

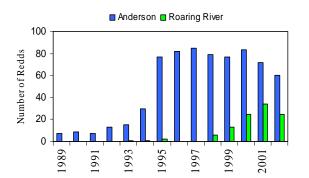
- Three age-classes of bull trout found in release locations
- Estimated 240 juvenile bull trout in 5 miles of the Mainstem Middle Fork
- Observed one 16 inch bull trout in Hills Creek Reservoir
- Observed a significant increase in the number of redds in Roaring River, following the release of bull trout fry and habitat improvements in the Middle Fork Willamette River

Middle Fork Willamette Bull Trout Releases for Rehabilitation

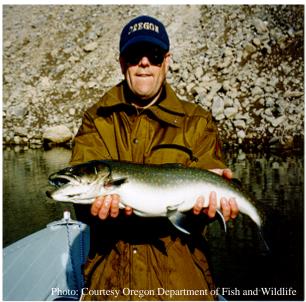


Numbers of bull trout fry released in the Middle Fork Willamette River.

Willamette Bull Trout Spawning Surveys



Increases in the occurrence of bull trout redds in the Roaring River (Middle Fork Willamette River), likely the result of releasing bull trout fry and habitat improvements.



An adult bull trout collected from the Middle Fork Willamette River.

McKenzie River Monitoring - Preliminary Results

• Bull trout redds identified in Sweetwater Creek, a location that was void of spawning activity prior to the release of bull trout fry and habitat improvements



Juvenile bull trout collected from the Middle Fork Willamette River.

Olallie Sweetwater Solution of the second second

McKenzie Bull Trout Spawning Surveys



Lower Columbia