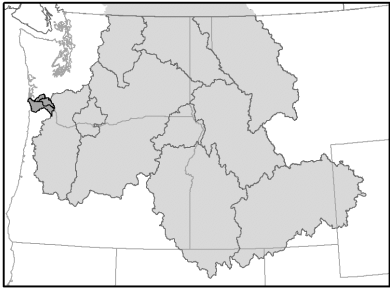


Columbia Estuary Province

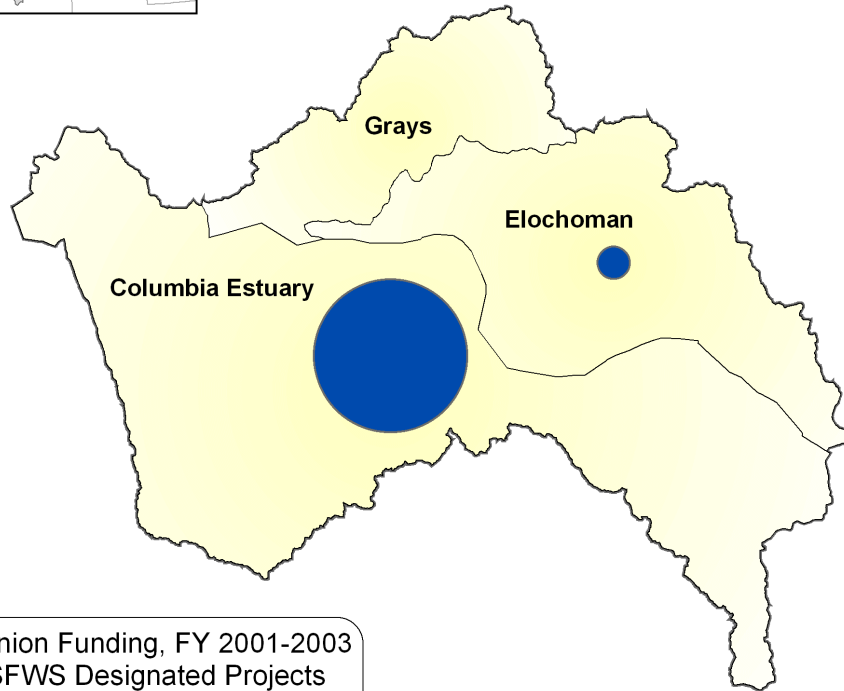


Columbia Estuary Province



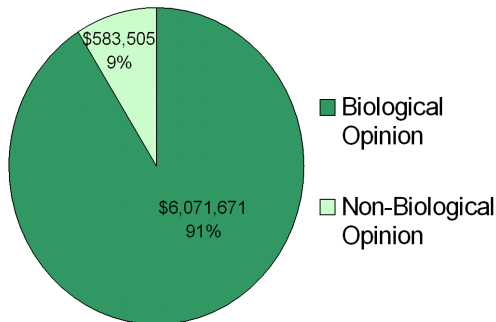
BPA Spending, FY 2001-2003

FY 2001	\$1,791,008
FY 2002	\$2,528,624
FY 2003	\$2,335,544
Total Spending	\$6,655,176



Biological Opinion Funding, FY 2001-2003 NMFS & USFWS Designated Projects

	BiOp	Non BiOp
Columbia Estuary	\$6,071,671	\$303,119
Elochoman	\$0	\$280,386



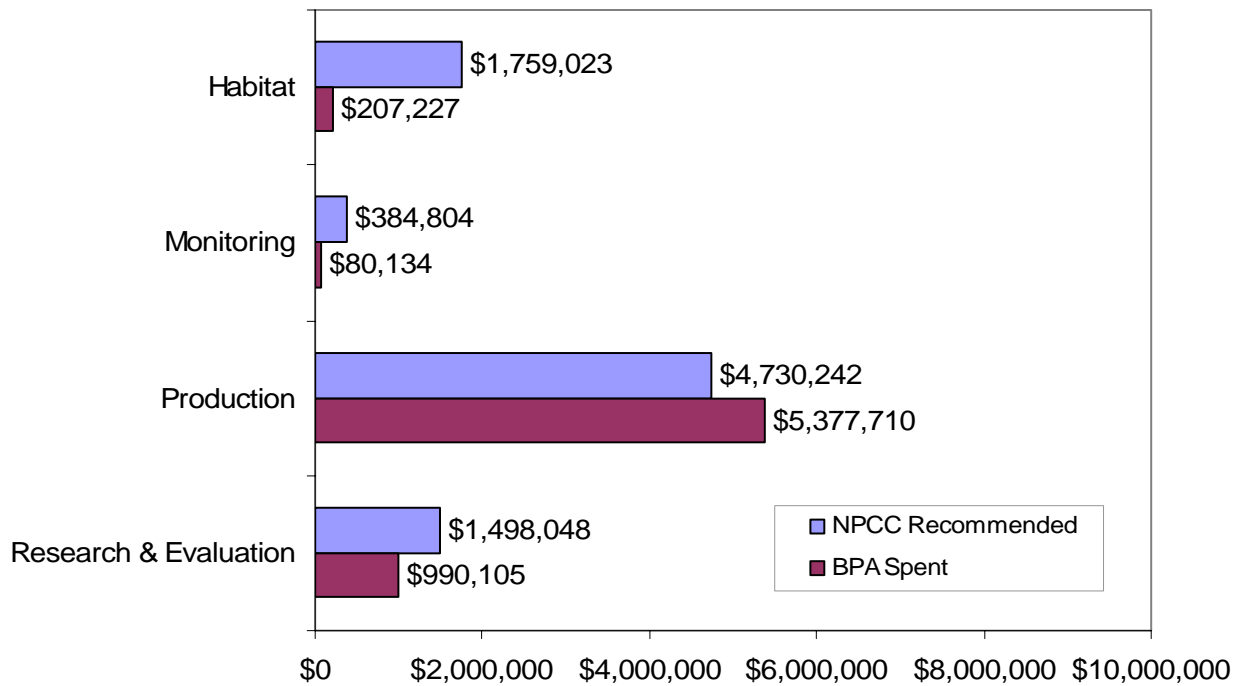
Legend

- Anadromous (100%)
- Resident (0%)
- Wildlife (0%)

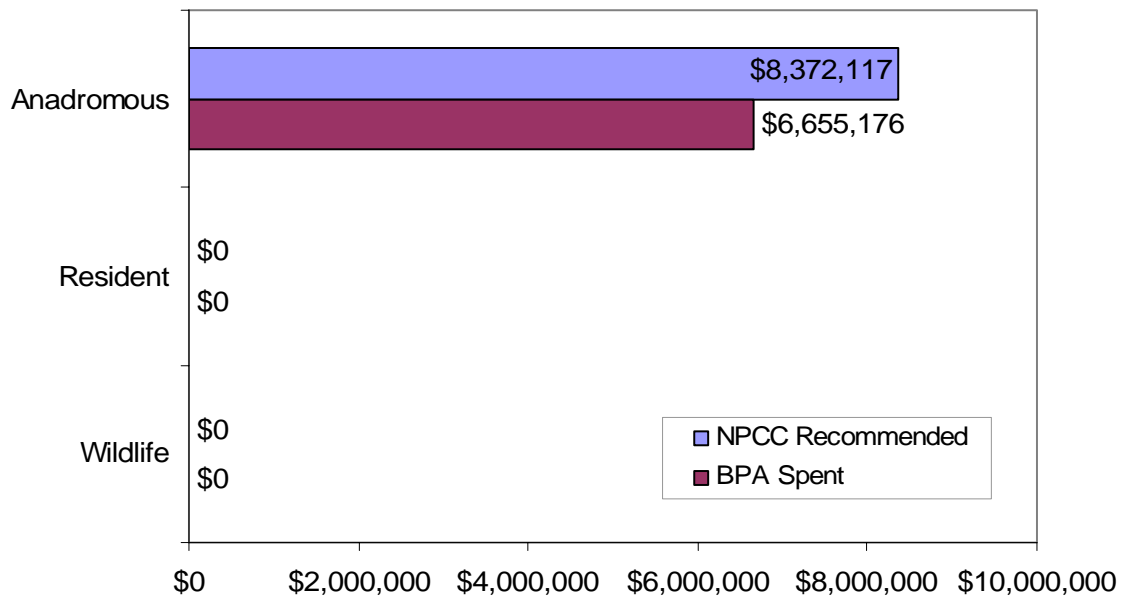
Note: Diameter of pie represents relative funding levels in each subbasin.

Columbia Estuary 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



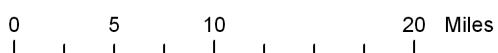
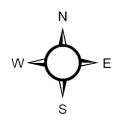
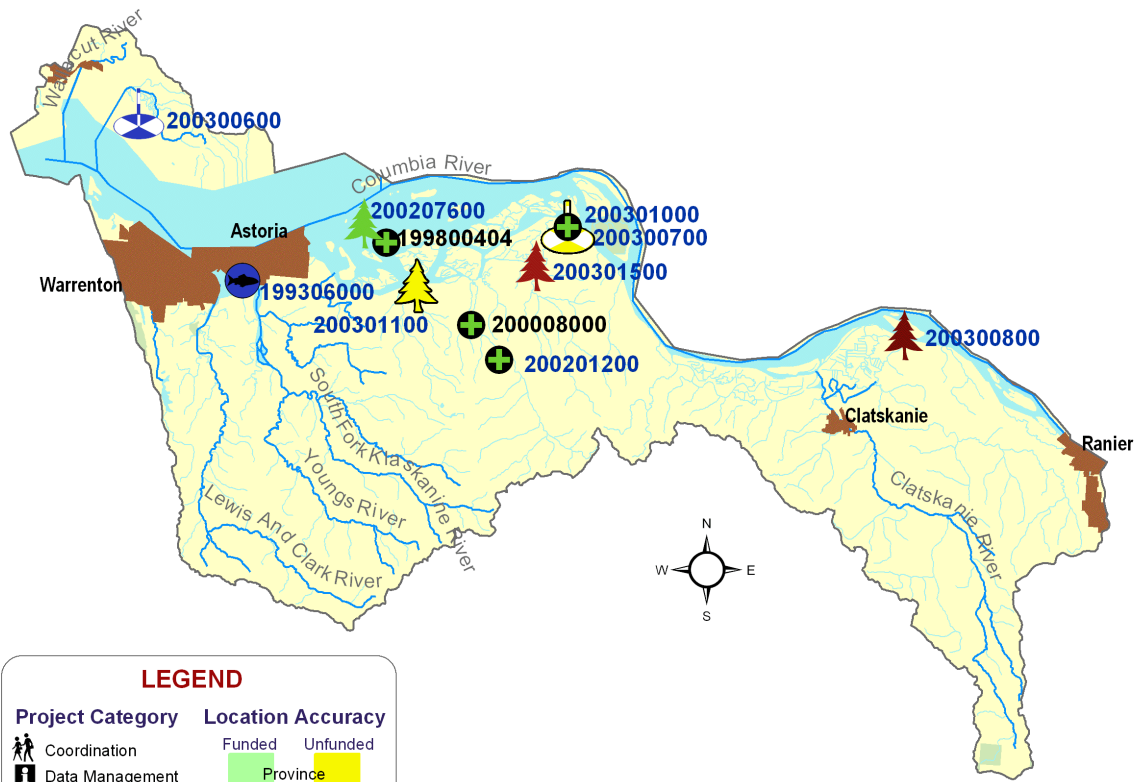
Columbia Estuary Subbasin



**Columbia Basin
Fish and Wildlife Authority**

FY 2001-2003 NPCC Recommended and/or
BPA Funded Fish & Wildlife Projects

Columbia Estuary Province
Columbia Estuary Subbasin



LEGEND

Project Category	Location Accuracy																						
<ul style="list-style-type: none"> Coordination Data Management Habitat Harvest Mainstem Survival Monitoring Production Research & Evaluation 	<table border="0"> <tr> <td>Funded</td> <td>Unfunded</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>Province</td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>Subbasin</td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>Stream</td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>Area</td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>Point</td> <td></td> </tr> </table>	Funded	Unfunded			Province				Subbasin				Stream				Area				Point	
Funded	Unfunded																						
Province																							
Subbasin																							
Stream																							
Area																							
Point																							

Project Labels

Biological Opinion Non Biological Opinion

Land Use/Ownership

Federal	Tribal	State	Local	Private	Urban

Data Layers: Land Ownership (ICBEMP), 100k Hydrography (Streamnet), Urban Areas (State Data), Projects (CBFWA)
 Projection: UTM 1983, Zone 11
 Produced by: Columbia Basin Fish & Wildlife Authority
 Map Date: 5/20/04

List of Projects in the Columbia Estuary Subbasin

<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>
199306000	Select Area Fishery Evaluation Project				Lower Columbia		yes
	<i>Rec 00-03</i>	\$1,499,842	\$1,550,836	\$1,679,564	Type	Category	Accuracy
	<i>Spent 01-03</i>	--	\$1,624,582	\$2,015,524	\$1,737,604	Anadromous	Production area
199800404	Assess Hydro Impacts on Estuary				Not Reviewed		no
	<i>Rec 00-03</i>	\$ 0	\$ 0	\$ 0	Type	Category	Accuracy
	<i>Spent 01-03</i>	--	\$21,746	\$ 2,773	\$ 0	Anadromous	Research & Evaluation subbasin
200008000	Pacific Ocean Salmon Tracking				FY01 Innovative		no
	<i>Rec 00-03</i>	\$228,600	\$ 0	\$ 0	Type	Category	Accuracy
	<i>Spent 01-03</i>	--	\$144,680	\$133,920	\$ 0	Anadromous	Research & Evaluation subbasin
200201200	Lower Columbia River and Estuary Habitat Assessment and Mapping Project				FY01 High Priority		yes
	<i>Rec 00-03</i>	\$ 0	\$ 0	\$ 0	Type	Category	Accuracy
	<i>Spent 01-03</i>	--	\$ 0	\$108,320	\$13,280	Anadromous	Research & Evaluation subbasin
200207600	Protect Lower Columbia Estuary				Not Reviewed		yes
	<i>Rec 00-03</i>	\$ 0	\$ 0	\$ 0	Type	Category	Accuracy
	<i>Spent 01-03</i>	--	\$ 0	\$ 0	\$207,227	Anadromous	Habitat subbasin
200300600	Effectiveness monitoring of the Chinook River estuary restoration project				Columbia Estuary		yes
	<i>Rec 00-03</i>	\$ 0	\$ 0	\$124,804	Type	Category	Accuracy
	<i>Spent 01-03</i>	--	\$ 0	\$ 0	\$80,134	Anadromous	Monitoring area
200300700	Lower Columbia River and Columbia River Estuary Ecosystem Monitoring and Data Management				Columbia Estuary		yes
	<i>Rec 00-03</i>	\$ 0	\$ 0	\$260,000	Type	Category	Accuracy
	<i>Spent 01-03</i>	--	\$ 0	\$ 0	\$ 0	Anadromous	Monitoring province
200300800	Preserve and Restore Columbia River Estuary Islands to Enhance Juvenile Salmonid and Columbian White-tailed Deer Habitat				Columbia Estuary		yes
	<i>Rec 00-03</i>	\$ 0	\$ 0	\$585,473	Type	Category	Accuracy
	<i>Spent 01-03</i>	--	\$ 0	\$ 0	\$ 0	Anadromous	Habitat point

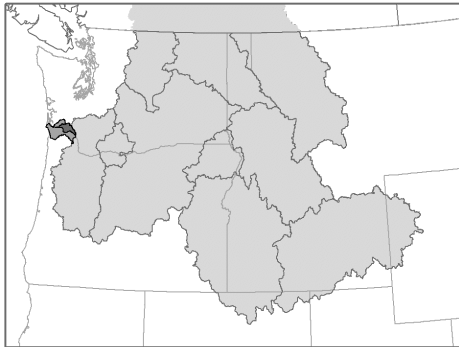
Projects in the Columbia Estuary Subbasin, continued...

<i>Project ID</i>	<i>Project Title</i>					<i>Review Cycle</i>		<i>BiOp?</i>
200301000	Historic habitat opportunities and food-web linkages of juvenile salmon in the Columbia River estuary: Implications for managing flows and restoration					Columbia Estuary		yes
	<i>Rec 00-03</i>	\$ 0	\$ 0	\$597,559	Type	Category	Accuracy	
	<i>Spent 01-03</i>	--	\$ 0	\$ 0	Anadromous	Research & Evaluation	subbasin	
200301100	Implement the Habitat Restoration Program for the Columbia Estuary and Lower Columbia River					Columbia Estuary		yes
	<i>Rec 00-03</i>	\$ 0	\$ 0	\$1,000,000	Type	Category	Accuracy	
	<i>Spent 01-03</i>	--	\$ 0	\$ 0	Anadromous	Habitat	province	
200301500	Blind Slough Restoration Project - Brownsmead, Oregon					Columbia Estuary		yes
	<i>Rec 00-03</i>	\$ 0	\$ 0	\$173,550	Type	Category	Accuracy	
	<i>Spent 01-03</i>	--	\$ 0	\$ 0	Anadromous	Habitat	area	

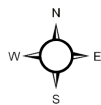
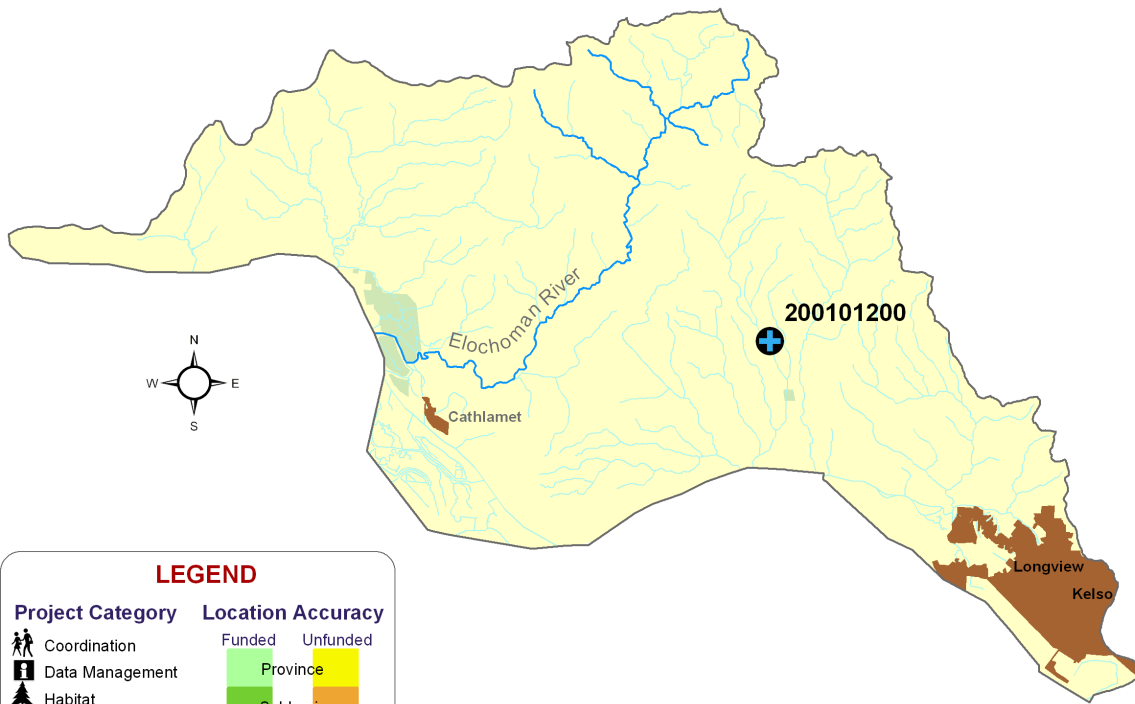
Elochoman Subbasin



FY 2001-2003 NPCC Recommended and/or
BPA Funded Fish & Wildlife Projects



Columbia Estuary Province
Elochoman Subbasin



LEGEND

Project Category	Location Accuracy
Coordination	Funded Unfunded
Data Management	Province
Habitat	Subbasin
Harvest	Stream
Mainstem Survival	Area
Monitoring	Point
Production	
Research & Evaluation	

Project Labels

Biological Opinion Non Biological Opinion

Land Use/Ownership

Federal	Tribal	State	Local	Private	Urban
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Data Layers: Land Ownership (ICBEMP), 100k Hydrography (Streamnet), Urban Areas (State Data), Projects (CBFWA)
Projection: UTM 1983, Zone 11
Produced by: Columbia Basin Fish & Wildlife Authority
Map Date: 5/20/04

Projects in the Elochoman Subbasin

<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>
200101200	Evaluate New Methodologies for Monitoring Pacific Salmon and Steelhead: Methods for Evaluating the Effectiveness of Restoration and Recovery Programs				FY01 Innovative		no
	<i>Rec 00-03</i>	\$197,155	\$ 0	\$ 0	Type	Category	Accuracy
	<i>Spent 01-03</i>	--	\$ 0	\$268,087	\$12,299	Anadromous	Research & Evaluation stream

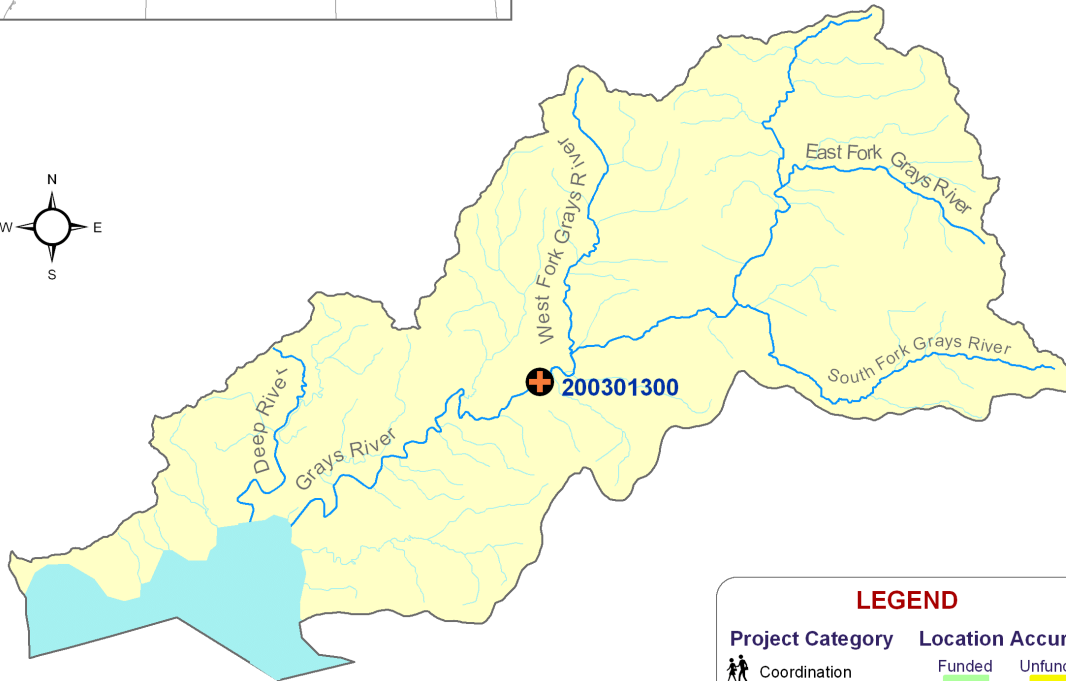
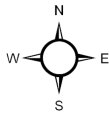
Grays Subbasin



FY 2001-2003 NPCC Recommended and/or BPA Funded Fish & Wildlife Projects



Columbia Estuary Province Grays Subbasin



Data Layers: Land Ownership (ICBEMP), 100k Hydrography (Streamnet), Urban Areas (State Data), Projects (CBFWA)
 Projection: UTM 1983, Zone 11
 Produced by: Columbia Basin Fish & Wildlife Authority
 Map Date: 5/20/04

LEGEND

Project Category		Location Accuracy	
Coordination	Province	Province	Province
Data Management	Subbasin	Stream	Area
Habitat	Stream	Area	Point
Harvest	Area	Point	
Mainstem Survival	Point		
Monitoring			
Production			
Research & Evaluation			
Project Labels			
Biological Opinion		Non Biological Opinion	
Land Use/Ownership			
Federal	Tribal	State	Local
Private	Urban		

Projects in the Grays Subbasin

<i>Project ID</i>	<i>Project Title</i>				<i>Review Cycle</i>		<i>BiOp?</i>
200301300	Grays River Watershed and Biological Assessment				Columbia Estuary		yes
	<i>Rec 00-03</i>	\$ 0	\$ 0	\$474,734	Type	Category	Accuracy
	<i>Spent 01-03</i>	--	\$ 0	\$ 0	\$ 0	Anadromous Research & Evaluation	stream

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